



NAAC

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KUMAUN UNIVERSITY
NAINITAL – 263001
UTTARAKHAND

Kumaun University Self-Study Report 2015



Volume – II For NAAC

**KUMAUN UNIVERSITY
Nainital – 263001
Uttarakhand**

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EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Economics

2. Year of Establishment

1951

3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG, PG, Ph.D., D.Litt.

5. Interdisciplinary programmes and departments involved

Pre-Ph.D. Course Department of Social Science and Humanities

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- At UG (Annual system)
- PG (Semester system)

9. Participation of the department in the courses offered by other departments

- Pre-Ph.D. course

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	---	04 + 01 (Working Examination Controller)
Associate Professors	02	---	01
Asst. Professors	05	05	
Others	---	---	02 (Working on Contract basis)

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, D.S.B. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. L.S.Bisht	M.A., Ph.D.	Professor Dean	Micro-Economics & Mathematical Economics	38 yrs	NIL
Dr. Nirmala Bora	M.A., Ph.D.	Professor Head	Agricultural Economics	30 yrs	04
Dr. R. S. Jalal	M.A., Ph.D.	Professor	Rural Credit / International	30 yrs	04
Dr. Padam. S. Bisht	M.A., Ph.D., D.Litt.	Professor	Public Finance/ Labour Economics	29 yrs	08
Dr. Rajnish Pande	M.A., Ph.D.	Professor	Regional Economics/ Labour Economics	24 yrs	03
Dr. M. C. Pant	M.A., Ph.D.	Associate Professor	Local Finance	20 yrs	04
Dr. Nandan S. Bisht	M.A., Ph.D., B.Ed.	Asst. Prof (Contract)	Agricultural Economics , Micro-Economics, Demography	09 yrs	NIL
Dr. Jitendra Kumar Lohani	M.A., Ph.D., USET	Asst. Prof (Contract)	Quantitative Economics, Statistics, Labour Economics	04 yrs	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

List of visiting faculty during 2009-2014

S.N.	Name	Address	Date
1.	Prof. Harsh Mohan Agarwal	Lucknow University, Lucknow, U.P.	22-02-2009
2.	Prof. Yashbir Tyagi	Lucknow University, Lucknow, U.P.	19-10-2009
3.	Prof. Mujammil	Lucknow University, Lucknow, U.P.	08-08-2010
4.	Prof. M.P.Singh	B.H.U, Varanasi, U.P.	11-03-2011

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5	Prof. S.M.Pande	M.G.K. University, Varanasi	10-06-2011
6.	Prof. N.K. Taneja	C.C.S. University, Meerut, U.P.	09-06-2012
7.	Prof. M.K.Singh	Deptt. of Economics, Rohelkhand University, Bareilly, U.P.	01-09-2012
8.	Prof. P.R.Sen	Kashi Vidyapeeth, Varanasi, U.P.	09-11-2012
9.	Prof. R.R.Nautiyal	H.N.B. Central University, Garhwal, Uttarakhand	10-05-2013
10.	Prof. K.N.Bhatt	Deptt. of Economics, Allahabad University, Allahabad, U.P.	17-06-2013 & 22-10-2013
11.	Prof. K.N.Joshi (Retd.)	H.N.B. Central University, Garhwal, Uttarakhand	18-06-2013
12.	Prof. T.P.Pant	H.N.B. Central University, Pauri Campus, Pauri, Uttarakhand	23-11-2013

13. Percentage of classes taken by temporary faculty – programme-wise information

- 30% as per UGC norms.

14. Programme-wise Student Teacher Ratio

Programme	Total number of students	Total number of faculty engaged	Ratio of teachers to students
UG	400	4	1:80
PG	36	07	1:36
Ph.D.	8	05	1:8

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic support staff	Sanctioned	Actual
Class III	01	01 (shared with Political Science Department
Class IV	NIL	NIL

16. Research thrust areas as recognized by major funding agencies

- Dairying

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Title of Project	Funding Agency	Amount (Rs.)	Year (From - To)
Assessment of the State and Status, Development Potential and Impact of Dairying on Income Augmentation and Employment Generation	UGC Sponsored	5.7 Lac	2006-2009

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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- UGC, Delhi

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

- Number of papers published in peer reviewed journals (national / international) 52
 - Monographs NA
 - Chapters in Books NA
 - Edited Books NA
 - Books with ISBN with details of publishers 01
- Trade Policies & Global Publications :
Indian Experiences (Swaroop & Swaroop,
Publication, Dariyaganj, New Delhi. 2010
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) NA
 - Citation Index – range / average NA
 - SNIP NA
 - SJR NA
 - Impact Factor – range / average NA
 - h-index NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, D.S.B. CAMPUS, KUMAUN UNIVERSITY

26. Faculty serving in

a)	National committees	NA
b)	International committees	NA
c)	Editorial Boards	NA
d)	Any other (please specify)	At the university level -
	• Dean, Faculty of Arts • Examination Controller • Chief Election Officer of student union • In-charge examination evaluation centre • Member of Proctoral Board, DSW Board & Sports Committee. • Resource persons in refresher and orientation courses • Member of Women cell.	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Orientation / Refresher programmes for faculty members conducted at ASC of Kumaun University and other universities of the country.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **In the year 2010-11, 80% students have done in-house project work.**
- percentage of students doing projects in collaboration with other universities / industry / institute: NA

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

Code of ethics for research fellows by the department –

- Department follows a definite code of conduct and ethics for Ph.D. programme with entrance test at university level.
- Exemption for NET/JRF candidates is made as per UGC regulation.

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, D.S.B. CAMPUS, KUMAUN UNIVERSITY

- One semester course work is essential for all candidates. Students have to clear three paper i.e. research methodology, current advances in Economics and a project work based on empirical field study.
- After course work, candidate has to appear before RDC with a well-developed synopsis and justify it before the RDC.
- After the approval of RDC the candidate, under supervision of a guide, pursues the research with specific attendance at department. The whole process is guided by the new UGC Ph.D. Ordinance.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.A.-I 2009-10		27	32		
B.A.-II 2009-10		25	27		
B.A.-III 2009-10		22	23		
Total 2009-10		74	82		
B.A.-I 2010-11		43	39		
B.A.-II 2010-11		40	37		
B.A.-III 2010-11		38	36		
Total 2010-11		121	112		
B.A.-I 2011-12		79	51		
B.A.-II 2011-12		63	39		
B.A.-III 2011-12		42	25		
Total 2011-12		184	115		
B.A.-I 2012-13		47	66		
B.A.-II 2012-13		33	53		
B.A.-III 2012-13		22	41		
Total 2012-13		102	160		
B.A.-I 2013-14		56	62		
B.A.-II 2013-14		43	31		
B.A.-III 2013-14		31	17		
Total 2013-14		130	110		
M.A.-I 2009-10		6	20		
M.A.-II 2009-10		7	8		
Total 2009-10		13	28		
M.A.-I 2010-11		15	8		
M.A.-II 2010-11		12	4		
Total 2010-11		27	12		

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2011-12 (Semester System)					
M.A-I Semester 2011-12		15	4		
M.A.-II 2011-12		3	6		
Total 2011-12		18	10		
2012-13 (Semester System)					
Sem. I 2012-13		6	6		
Sem. III 2012-13		15	4		
Total 2012-13		21	10		
2013-14 (Semester System)					
Sem II 2013-14		9	16		
Sem IV 2013-14		6	5		
Total 2013-14		15	21		
Ph.D. 2009-10		2	2		
Ph.D. 2010-11		3	6		
Ph.D. 2011-12		5	2		
Ph.D. 2012-13		0	1		
Ph.D. 2013-14		2	3		
Total		12	14		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	81.14	---	18.85	---
Ph.D.	68.19	4.54	18.18	9.09

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

1.	Krishna Singh	-	NET (2013) & SLET (2012)	-	General
2.	Jitendra Kumar Lohani	-	SLET (2012)	-	General
3.	Ashish Sah	-	SLET (2012)	-	General
4.	Rashmi Arya	-	JRF & SRF	-	SC
5.	Shweta Chanyal	-	JRF & SRF	-	SC

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35. Student progression

Student progression	Percentage against enrolled
UG to PG	2009-10 -2013-14 - 10 to 25
PG to M.Phil.	NA
PG to Ph.D.	2009-10 - 2013-14 - 7.0 to 14
Ph.D. to Post-Doctoral	D.Litt. (Prof. P.S.Bisht)
Employed	
☐ Campus selection	No provision of campus selection
☐ Other than campus recruitment	10 (List of alumni enclosed)
Entrepreneurs	01 - Mr. Hargovind Pandey – Floriculture Business

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	86%
from other universities within the State	---
from universities from other States	14% (UP)
from universities outside the country	---

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

D.Litt. - 01 (Prof. P.S.Bisht)

Ph.D. - 02 (1. Shweta Chaniyal 2. Jitendra Kumar Lohani)

38. Present details of departmental infrastructural facilities with regard to

a) Library	No
b) Internet facilities for staff and students	Broadband Internet access available in campus library. Every faculty member has his/her own Internet connection.
c) Total number of class rooms	PG (01) UG (03) classrooms shared with other departments.
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

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39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

Registration year 2009-10

S.No.	Name of Student	Category	Name of Supervisor
1	Mukesh Lal	SC	Prof. P.S.Bisht
2	Tej Kumar	OBC	Dr. M.C.Pant

Registration year 2010-11

S.No.	Name of Student	Category	Name of Supervisor
1	Bharti Singhal	Gen	Prof. R.S.Jalal
2	Savita Rani Verma	OBC	Prof. N. Bora
3	Lata Arya	SC	Dr. M.C.Pant
4	Deepak	SC	Dr. M.C.Pant
5	Ruchi Singh	Gen	Dr. M.C.Pant
6	Seema Awasthi	Gen	Dr. M.C.Pant
7	Geeta Pant	Gen	Prof. N. Bora

Registration year 2011-12

S.No.	Name of Student	Category	Name of Supervisor
1	Mohan Prasad Pant	Gen	Prof. P.S.Bisht (submitted)
2	Dipak Raj Joshi	Gen	Prof. R.S.Jalal
3	Krishna Singh	Gen	Prof. R.S.Jalal
4	Ameet Singh	Gen	Prof. P.S.Bisht
5	Radha Rani	SC	Prof. R.S.Jalal

Registration year 2012-13

S.No.	Name of Student	Category	Name of Supervisor
1	Mamta Adhikari	Gen	Prof. P.S.Bisht

Registration year 2013-14

S.No.	Name of Student	Category	Name of Supervisor
1	Ashish Juneja	Gen	Prof. P.S.Bisht
2	Pinki Raikwal	Gen	Prof. P.S.Bisht
3	Amjid Nadeem	OBC	Prof. P.S.Bisht
4	Neha Atri	Gen	Prof. R. Pande
5	Sikha Rani Das	Gen	Prof. R. Pande

b) from other institutions/universities

NA

40. Number of post graduate students getting financial assistance from the university.

All SC and ST Student are getting scholarship as per govt. rule.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

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42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **YES**
 Departmental meeting of faculty members are held periodically to discuss and analyse , curriculum and teaching – learning evolution. Suggestion from faculties of affiliated colleges are also invited. In addition annual Board of Studies (BOS) meeting is held to discuss the curriculum and suggest revision / modification.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **YES**
 The feedback has commenced at PG level from the current year. The main highlights of the students' feedback are -Establishment of departmental library and Coaching facility for NET. Necessary measures will be taken to fulfil the same, with assistance from university authority.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? **NO**

43. List the distinguished alumni of the department (maximum 10)

S.No.	Name	Year of Completion	Address	Current Post/Status held
1	Dr. Manisha Tiwari	2002	Govt. Degree College, Rudrapur	Assistant Prof.
2	Dr. Nandan Singh Bisht	2002	DSB Campus, K.U. Nainital	Assistant Prof.(Contract)
3	Dr. Namita Mathpal	2008	Govt. Degree College, Ranikhet	Assistant Prof.
4	Dr. Vishwanath Pandey	2009	Govt. Degree College, Manila	Assistant Prof.
5	Dr. Shweta Chaniyal	2009	SSJ Campus, K.U.Nainital	Assistant Prof.(Contract)
6	Dr. Hema Mehra	2009	Govt. Degree College, Gangolihat	Assistant Prof.
7	Dr Sita Mehta	2010	Gurunanak Degree College, Nanakmatta	Principal
8	Dr Renu Rani	2010	Govt. Degree College, Rudrapur	Assistant Prof.
9	Dr. Janki Suyal	2010	Govt. Degree College, Rudrapur	Associate Prof.
10	Dr. Jitendra Bhandari	2011	Ansal University, Gurgaon, Haryana	Associate Prof.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Seminars, Group Discussions, Presentations and Field Work

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45. List the teaching methods adopted by the faculty for different programmes.

- Classroom lecture method
- Group discussions
- Field survey and presentation
- Special classes are held for students facing subject problems in their study.
- Notes and teaching material are being provided to the students

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- To take feedback from students.
- To take feedback from faculty members.
- Periodic interaction between students and faculty members.
- Internal assessment of student through assignment and presentation.
- Internal Quality Assessment report is forwarded annually to IQAC of the University.

47. Highlight the participation of students and faculty in extension activities.

- a) Faculty members are engaged in following extension activities as -
- Dean, Faculty of Arts
 - Examination Controller
 - Chief Election Officer of student union
 - In-charge examination evaluation centre
 - Member of Proctoral Board, DSW Board & Sports Committee.
 - Resource persons in refresher and orientation courses
- b) Students are participating in NCC, NSS, Sports, cultural and extra-curricular activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The department organized activities like debates, elocutions, quiz, essay competition etc. It gives students a platform to enhance their talent. The department also invites subject experts for guest lectures at various occasions.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- a) Publication of books and various articles in National and International journals by faculty members.
- b) Research work carried out in pursuance of Doctoral and Post-doctoral degrees.
- c) Primary survey conducted by the P.G. students.

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51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- a. Research focused on socio-economically weaker sections i.e. Child labour, Unorganized labour, Poverty, Women Empowerment, Rural Dairy and Cooperatives.
- b. High pass percentage of students.
- c. High female students ratio.
- d. Diversity of students. with regional and international representation (Nepal & North-East region/J&K)
- e. Major syllabus revision to suit concurrent economic trends and competitions.
- f. Contribution towards university level administration i.e. Dean, Faculty of Arts, Examination Controller, member in DSW and Proctor Board.

Weaknesses:

- a. Insufficient infrastructure facilities i.e. PG Classrooms (only one), no separate room for researchers, no computer lab for students.
- b. No space for departmental library.
- c. No full time Non-Teaching Staff (class three & fourth employee)which is adversely affecting the office work and administration of the department
- d. Irregular power supply and no power supply backup.

Opportunities:

- a. Through University level ICT initiative department is expecting high speed Broadband internet connectivity in near future, which will help in accessing facilities of various national libraries , institutions and programmes like Eduset. This will help us in improving quality of teaching and open up new opportunities for research activities.

Challenges:

- a. Due to land constraints in DSB Campus physical infrastructure of the department can be expanded only by restructuring the utilization of building assets at the university level.
- b. Our weaknesses are the Challenges for us. With help /assistance from university authorities, we will endeavour to counter these infrastructural, financial , administrative and technological Challenges in near future .

52. Future plans of the department.

- a. Establishment of computer lab for supporting the subject “Computer Application in Economics”.
- b. Introduction of Environmental Economics Course at master level.
- c. Introduction of Job oriented paper i.e. Finance and Marketing,

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1. Name of the Department

Economics Department

2. Year of Establishment

1949 under Agra University and 1973 onwards under Kumaun University

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D. & D.Litt.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	02	02	02
Asst. Professors	03	01	NA
Others	--	--	--

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Deepa Bhaskar Dubey	M.A ,Ph.d	Associate Professor	Agriculture Economics	26 yr	01
Dr. H.C. Joshi	M.A ,Ph.d	Associate Professor	Labour Economics	26 yr	06
Deepak Kumar Tamta	M.A, USET	Assistant Professor	Quantitative Methods in Economics	01 yr	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- U.G. 36:01
- P.G. 08:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

NA

b) International collaboration

NA

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19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	20 / 00
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees NA
- b) International committees NA

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- c) Editorial Boards NA
d) any other (please specify) NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects (a) Pre-Ph.D Course-06 (b) PGDRD/MRD-06
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the	2009-2010		2010-2011		2011-2012		2012-2013		2013-2014		2014	
Programme	M	F	M	F	M	F	M	F	M	F	M	F
B.A –I	51	20	69	47	65	54	66	21	28	27		
B.A –II	30	19	34	23	36	18	56	18	8	8		
B.A-III	12	18	13	12	16	13	11	17	10	26		
M.A –I year	9	6	6	4								
M.A –II year	9	6	6	4								
MA 1st Sem					14	5	8	4	4	5	3	7
MA 2nd Sem							7	5	8	4	5	4
MA 3rd Sem							6	5	8	4	1	3
MA 4th Sem									6	5	8	4

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33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. (Semester)	90.42	-	9.58	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	22
PG to M.Phil.	Nil
PG to Ph.D.	05
Ph.D. to Post-Doctoral	Nil
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80%
from other universities within the State	NA
from universities from other States	20%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

03

38. Present details of departmental infrastructural facilities with regard to

a) Library	NA
b) Internet facilities for staff and students	NA
c) Total number of class rooms	01
d) Class rooms with ICT facility	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, S.S.J CAMPUS, KUMAUN UNIVERSITY

e)	Students' laboratories	NA
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	NA
b)	from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

- i. Sudhir Tiwari I.E.S(Indian Economic services)
- ii. Bimal panday Allahabad bank, Bombay
- iii. Harish verma-pcs

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

NA

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, S.S.J CAMPUS, KUMAUN UNIVERSITY

48. Give details of “beyond syllabus scholarly activities” of the department.

- Lecturers by imminent persons organised

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- New trends in economic service included

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- New findings and latest trends in economics research imparted to students

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. Economics as a subject enhances the I Q of the students
 - ii. Teaching faculty actively engaged in research
 - iii. Quantitative methods in economics as a compulsory paper at U.G and P.G level
 - iv. Computer application in economics included in the syllabus at P.G. level
 - v. Extracurricular activities
- **Weaknesses:**
 - i. In adequate infrastructure
 - ii. Research material not easily available
 - iii. Lack of support staff and mathematical tools
 - iv. lack of financial support
 - v. Interest among students on the wane
- **Opportunities:**
 - i. teaching and opportunities available
 - ii. Students can gain rudimentary aspects of research
 - iii. Students can get employment gov and as well as various other departments
 - iv. Knowledge of computer applications in economics provides purposeful espousers in it sector and self-employments
 - v. Extracurricular activities go a long way in all round personality development
- **Threats:**
 - i. inspiring the students towards this goal
 - ii. A student needs to be oriented towards research
 - iii. Students to be motivated towards tools of mathematics as well as the basic use of mathematics in daily life
 - iv. Instrumental bottle necks
 - v. Balance has to be struck between curricular and co-curricular activities.

EVALUATIVE REPORT OF THE DEPARTMENT OF ECONOMICS, S.S.J CAMPUS, KUMAUN UNIVERSITY

52. Future plans of the department.

- Workshops on technical wordsa to be organised under the aegis of ministry of HRD Govt of India
- Expansion of computer and mathematical lab

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of English

2. Year of Establishment

1950

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

U.G., P.G., Ph.D., D.Litt.

5. Interdisciplinary programmes and departments involved

N.A.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

U.G. – Annual, P.G. - Semester

9. Participation of the department in the courses offered by other departments

N.A.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03
Associate Professors	01	---	---
Asst. Professors	05	04	04
Others	----	----	----

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. L.M. Joshi	M.A. Ph.D.	Professor	American Literature & Classical Criticism and Theory	28	09
Dr. H.P. Shukla (On Long Leave)	M.A. Ph.D.	Professor	Indian Writing in English	35	01
Dr. Madhu Joshi	M.A. Ph.D. NET	Professor	19 th Century American Fiction	28	01
Dr. Hari Priya Pathak	M.A. Ph.D. NET	Assistant Professor	British Literature	09	04
Dr. Shivangi Chanyal	M.A. Ph.D. SET NET	Assistant Professor	20 th Century American Fiction	04	-----

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

N.A.

13. Percentage of classes taken by temporary faculty – programme-wise information

50% (U.G. + P.G. + Tutorials)

14. Programme-wise Student Teacher Ratio

U.G. -- 60:1

P.G. -- 30:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

½

16. Research thrust areas as recognized by major funding agencies

N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a)	National committees	NA
b)	International committees	NA
c)	Editorial Boards	NA
d)	any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Refresher/ Orientation Programs

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

•	Faculty	NA
•	Doctoral / Post-Doctoral fellows	NA
•	Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

UGC Guidelines & Reviewed By The University From Time To Time

32. Student profile programme-wise:

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G.	Information Is With The Dean Office	General English		Information is with the university	
		2009-10 62	107		
		2010-11 48	123		
		2011-12 36	129		
		2012-13 53	123		
		2013-14 61	119		
		English Literature			
		B.A. I 2009-10 22	141		
		2010-11 25	116		
		2011-12 17	126		
		2012-13 13	106		
		2013-14 19	92		
		B.A. II 2009-10 23	51		
		2010-11 22	43		
		2011-12 23	55		
		2012-13 22	39		
		2013-14 25	38		
		B.A. III 2009-10 08	33		
		2010-11 11	26		
		2011-12			

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

		13	28		
		2012-13 06	24		
		2013-14 05	29		
P.G.		2011-13 05	27		
		2012-14 10	30		
Ph.D.		2009-13 06	13		
D. Lit.		2009-13 01	01		

33. Diversity of students

Name of the Programme	% of students from the same university	% of the students from universities within the State	% of students from universities outside the State	% of students from other countries
U.G.	Information Available With The Dean Office			
P.G.	Semester 2011-13 91.6%	-----	8.3%	-----
	Semester 2012-14 85.4%	-----	14.5%	1.8%
Ph.D.	2009-13 73.6%	21%	-----	5.26%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil Services: 01
NET: 04
SET: 05

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Since we have 30 seats in Semester (PG) 5% for other states rest including the reservation criteria. All seats are filled
PG to M.Phil.	-----
PG to Ph.D.	2009- The students who have more than 55% if interested to pursue research with consultation with Supervisor in the Department were allowed to take admission. 2011- As per the UGC Regulation 2009 University has introduced Entrance Examination. Therefore the students qualifying the exam are allowed to take admission in the Department in the Pre-Ph.D. Course.
Ph.D. to Post-Doctoral	Admission can be taken after getting permission from the R.D.C.(No number specified)
Employed	
☐ Campus selection	-----
☐ Other than campus recruitment	-----
Entrepreneurs	-----

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	16.6%
from universities from other States	33.3%
from universities outside the country	-----

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

02

38. Present details of departmental infrastructural facilities with regard to

a) Library	NA
b) Internet facilities for staff and students	NA
c) Total number of class rooms	01
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	NA
b)	from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
	Oral feedback. According to the requirement of the students.	
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
	By making the necessary improvements.	
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- August 31-01 September 2012: Special Lecture by Prof. R.S. Sharma
- 03 & 04 September 2012 : Special Lecture by Dr. Lalji Mishra

45. List the teaching methods adopted by the faculty for different programmes.

Direct Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Presentation and class tests are regularly given.
- Interactive Seminars are held, debates are organised on subject related topics.
- Students are encouraged to pursue higher studies.

47. Highlight the participation of students and faculty in extension activities.

NSS, NCC, Sports and Cultural activities.

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, D.S.B. CAMPUS, KUMAUN UNIVERSITY

48. Give details of “beyond syllabus scholarly activities” of the department.

- Articles in Campus Magazine
- Articles in the local newspapers and magazines

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - Intake of female faculty and students in the department.
 - Academic creativity encouraged by the natural environment of the place.
 - Harmony in the department.
- **Weaknesses:**
 - No departmental library.
 - No internet access.
- **Opportunities:**
 - MOU can be signed for academic and cultural development of the Faculty as well as the students.
- **Challenges:**
 - Working in the minimum available facilities.

52. Future plans of the department.

- **Vision Document**
 - a. To begin with a course on Communication Skills to cater to the need and challenges of the people of the region.
 - b. To equip the department with modern technologies regarding Internet facilities as well as creating an e-mail account of the department.
 - c. To modify teaching methods- inclusion of audio-visual aids and other possible methods.
 - d. To make it mandatory for the students and teachers to participate in Seminars/Conferences conducted monthly by the department.
 - e. To develop the departmental library through our own resources.
- **Research and Development activities**
 - a. During last five years (2009-2014), 21 Ph.D's have been awarded out of which 6 are males and 15 are females.
 - b. 07 students have been registered for Ph.D in the year 2013.

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of English

2. Year of Establishment

In 1949 affiliated to Agra University and Kumaun University since 1973

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D. & D.Litt.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

- Yes. Teachers of the Department deliver lectures in courses like B.C.A, B.F.A., B.J.M.C., and Actuarial Science

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	NIL	04
Associate Professors	01	01	NIL
Asst. Professors	05	05	NIL
Others	NIL	NIL	NIL

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. S.A. Hamid	Ph. D.	Professor	American Fiction	33 years approx.	05
Dr. Nirmala Pant	Ph. D.	Professor	Indian English Fiction	33 years approx.	05
Dr. A. S. Adhikari	Ph. D.	Professor	American Fiction	26 years approx.	04.
Dr. V.R. Pandeya	Ph. D.	Professor	Comparative Literature	34 years approx.	05
Dr. Megha Bharati	Ph. D.	Assistant Professor	Afro-American Literature	03 years approx.	Nil
Ms. Pragya Verma	M.A.	Assistant Professor	Indian English Fiction	01 years approx.	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- U.G- 80:1
- P.G- 6:1
- Both – 93:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	24 / 06
• Monographs	NIL
• Chapters in Books	08
• Edited Books	NIL
• Books with ISBN with details of publishers - o Dr. Megha Bharati "A Critical study of the Novels of Gloria Naylor"(Swarup & Sons, New Delhi ,ISBN 978-81-7625-684-1 (2010) - o 21 Emotions (Swarup & Sons, New Delhi) ISBN 978-81-7625-980-4 (2014)	02
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NIL
• Citation Index – range / average	NIL
• SNIP	NIL
• SJR	NIL
• Impact Factor – range / average	NIL
• h-index	NIL

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
i. Prof. V.R.Pandeya- "Intellectual Today".	
ii. Dr. Megha Bharati- "Vishwabharati". Associate Editor	
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Yes - Dr. Megha Bharati attended training program in May 2012 at British Council, New Delhi sponsored by Kumaun University, Nainital

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

• Faculty	YES
o Dr. Megha Bharati was awarded:	
i. By Uttarakhand Bal Vikas Evam Bal Sahitya Shodh Sansthan Nyas On October 2012.	
ii. By Modern Utopian Society on 24th December 2011.	
iii. By Dwarahaat Sanskriti Samiti on 19th October 2013.	
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

31. Code of ethics for research followed by the departments

Yes, Stringent steps to prevent plagiarism in research.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G.	--	487	154	--	--
P.G.2009-10	--	115	40	--	--
P.G.2010-11	--	149	53	--	--
P.G.2011-12	--	167	54	--	--
P.G.2012-13	--	81	12	--	--
P.G.2013-14	--	71	17	--	--
Ph.D.	--	09	07	--	--

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P.G.	98.5	Nil	1.5	Nil
Ph.D.	69	12.5	18.5	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Civil Services - 02 (PCS); NET- 04; USET- 05.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	40%
PG to M.Phil.	NA
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	04
from other universities within the State	NA
from universities from other States	02
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

ONE

38. Present details of departmental infrastructural facilities with regard to

a) Library	NA
b) Internet facilities for staff and students	NA
c) Total number of class rooms	02 for PG
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	01
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

01 -- Guest Lecture Delivered by Dr. R.B. Sharma Dept. of English , Lucknow University to P.G. and research students on 9th April 2014.

45. List the teaching methods adopted by the faculty for different programmes.

Lecture method, Interactive method, Group discussion, Class seminar, Tutorials: Lecture method, Interactive method, Group discussion, Class seminar, Tutorials.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through interaction with students.

47. Highlight the participation of students and faculty in extension activities.

- i. Students- Elocution, Debate, Literary Quiz, Theatre and other Performing arts.
- ii. Faculty- National and International Seminars ; Social Works; Cultural Programmes etc.
- iii. N.C.C.,N.S.S, Sports, Extra Curricular community service for U.G.

48. Give details of “beyond syllabus scholarly activities” of the department.

- o N.E.T. coaching and counselling for various exams.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

YES

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. High degree of employability of students as teachers in schools and colleges in the state.
 - ii. teachers actively involved in research.
 - iii. student teacher interaction
 - iv. co-curricular and extra-curricular activities
 - v. computer systems and audio visual equipments
- **Weaknesses:**
 - i. insufficient infrastructure.
 - ii. Lack of non-teaching staff.

EVALUATIVE REPORT OF THE DEPARTMENT OF ENGLISH, S.S.J. CAMPUS, KUMAUN UNIVERSITY

- iii. Lack of teacher specializing in ELT/Linguistics.
- iv. Insufficient teaching staff.
- v. No internet facility.

- **Opportunities:**

- i. employability of students in teaching.
- ii. Employability of students in translators.
- iii. Employability of students in media/ publishing.
- iv. Employability of students in corporate sector.
- v. Employability of students in government sector.

- **Threats:**

- i. coping with emerging trends.
- ii. Limited resources-human / financial.
- iii. Insufficient library resources for research.
- iv. Geographical difficulties.
- v. Students mostly from Hindi medium background.

52. Future plans of the department.

- The Department proposes to introduce the following courses as well as Research in specified areas given below:
 - i. The Department proposes to set up a Post-Colonial Studies nit in which research in Australian, African, Canadian, Caribbean, New Zealand, Srilanka , Bangladesh and Pakistan literatures in English shall be carried out.
 - ii. Gender studies unit in proposed to be set up in which Ph.D. and research Project in various aspects of women issues shall be carried out.
 - iii. Recently a lot of research is being carried out in various Universities on Subaltern literature. It is therefore proposed to establish a Subaltern unit which shall promote research in Dalit, Tribal, Eunuch, Gay and Lesbian literatures.
 - iv. Keeping in view the increasing focus on Translation and Translation Theory, Translation unit is being proposed to be established in the Department in which translation from Indian languages into English and vice versa shall be encouraged and research in Translation studies will be carried out.
 - v. There is a revival of internet in Bhasha Sahitya in the last few years. Therefore a Bhasha Sahitya Unit is being Proposed to study the literatures in Regional Language.

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department Geography

2. Year of Establishment

1951

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts and Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

U.G., P.G. and Ph.D.

5. Interdisciplinary programmes and departments involved

N.A.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

U.G. – Annual; P.G. – Semester

9. Participation of the department in the courses offered by other departments

Forestry Department, KU, Nainital

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01+04(Under CAS)
Associate Professors	01	01	01 (under CAS)
Asst. Professors	07	07	03
Others	---	---	--

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Specialization	No. of Years of Expe- rience	No of PhD Students guided for the last four years	
					Award- ed	Work- ing
Dr.R Chand	M.A. Ph.D	Professor & Head	Environmental Geography and Mountain Geography, Cultural Geography, Geography of Marginalization and Globalization	36 years	01	07
Dr. D C Pandey	M.A. Ph.D	Professor	Environment, Agriculture, development and Planning	34 years	05	07
Dr.R K Pande	M.A. Ph.D	Professor	Geomorphology, Disaster Management, GIS & RS	35 years	04	08
Dr.P C Tiwari	M.A. Ph.D	Professor	Climate Change, Resource Management, Disaster, RS&GIS	31 years	01	03
Dr. R C Joshi	M.A. Ph.D	Professor	Geomorphology and Application of Remote Sensing in Geosciences	22 years	03	03
Dr. Anita Pande	M.A. Ph.D	Associate Professor	Geomorphology, Environmental Management Land use, RS&GIS	15 years	-	04
Dr. Manisha Tripathi	M.A. M. Phil (JNU) UGC-NET, Ph.D (JNU)	Senior Assistant Professor	Quaternary Geomorphology and Landscape Evolution, Hydrology, RS&GIS Applications	10 years	-	01
Dr. Mohan Lal	M.A. Ph.D	Assistant Professor	Sustainable Development and Agriculture	05 years	-	02
Mr. Prakash Chandra	M.A.NET	Assistant Professor	Horticulture ,Agricultural development and natural resource management	03 years	-	-

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12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. Martin F. Price , Shared the 2007 Nobel Prize with former Us Vice President Al Gore and IPCC members, UNESCO Chair in Sustainable Mountain Development, Director, Centre for Mountain Studies, Perth College, University of Highlands and Islands Millennium Institute, Crieff Road, Perth PH1 2NX, UK.
- ii. Padm Bhusan, Chandi Prasad Bhatt, Renowned Environmentalist, Dasuali Gram Swaraj Mandal Gopeshwar, District Chamoli.
- iii. Padm Shree Prof. K S Valdiya, Honorary Professor, Jawahar Lal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore.
- iv. Dr. Andreas Schild Director General International Centre for Mountain Development (ICIMOD),Kathmandu.
- v. Dr.R S Tolia, Former Chief Secretary of Uttarakhand, Dehradun.
- vi. Padm Shree Prof. Shekhar Pathak Editor PAHAR, Nainital.
- vii. Prof Zofia Janina Rackzowska , Department of Geo-environmental Research, Institute of Geography and Spatial Organization, Polish Academy of Science, SW, Jana 22,31-018 Krakow, Poland.
- viii. Prof. Donald F. Lynch, Professor Emeritus of Geography University of Alaska Fairbanks, USA.
- ix. Prof. Walter Leimgruber, Emeritus Professor Department of Geosciences, Geography Unit, University of Fribourg/Switzerland.
- x. Prof. Aidaraliev A.A.,Academician of National Academy of Sciences of KR President of the International University of Kyrgyzstan,Chui avenue, 255, Bishkek city, 720001, Kyrgyz Republic.
- xi. Prof. Alena Matuskova, Department of Geography, Veleslavinova 42, Plzen 306 19, Czech Republic.
- xii. Dr.Magdalena Bastova ,Department of Geography, University of West Bohemia, Czech Republic.
- xiii. Prof. Axel Borsdorf, Innsbruck Institute for Mountain research-Man and Environment Innsbruck University, Austria.
- xiv. Prof. Markku Tykkyläinen Department of Geographical and Historical Studies University of Eastern Finland, Finland
- xv. Prof. Tomáš Havlíček Charles University, Prague, Czechia
- xvi. Dr L. M.S. Palni,FNA,Director G.B. Pant Institute of Himalayan Environment and Development,Kosi, Katarmal.
- xvii. Dr. Zdeňka Chocholoušková, Department of Biology, Faculty of Education, University of West Bohemia in Plzeň, Univerzitní 8, 306 14 Plzeň, Czech Republic.
- xviii. Prof. D00 Chul Kim Department of Geography, Okayama University Japan

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- xix. Prof R K Rai, Emeritus Professor Geography, Sagar University, Sagar, Madhya Pradesh and President National Association of Geographers India
- xx. Dr. R.C.S. Taragi, GIS Coordinator, Planning Cell, QSA, State of Qatar
- xxi. Prof. Jeremy D. Kark School of Public Health, Hebrew University-Hadassah Faculty of Medicine, Jerusalem, Israel,
- xxii. Prof., Ruth Kark, Professor Emeritus of Geography, Hebrew University, Jerusalem, Israel,
- xxiii. Prof. Jamalunlaili Abdullah Universiti Teknologi MARA, Malaysia
- xxiv. Dr. Keith Bosak. Associate Professor, College of Forestry, The University of Montana, US
- xxv. Prof. Aron Thomas, Director Native American Centre, The University of Montana, US
- xxvi. Prof. William E Holben, Division of Biological Sciences, The University of Montana, US.
- xxvii. Prof. N. Deva Singh Dean, Faculty of Earth Sciences Department of Geography, Manipur University, Imphal-3, India
- xxviii. Dr. B S Butola, Professor, Centre for the Study of Regional Development, SSS, Jawaharlal Nehru University, New Delhi.
- xxix. Prof. Milap Chand Sharma, Professor, Centre for the Study of Regional Development, SSS, Jawaharlal Nehru University, New Delhi
- xxx. Prof. Vishwambhar Prasad Sati, Professor of Geography Mizoram University Mizoram

13. Percentage of classes taken by temporary faculty – programme-wise information

Ten percent

14. Programme-wise Student Teacher Ratio

- UG - 20:1
- P.G. – 6:1
- Ph. D – 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Lab. Bearer-1
- Senior Assistant-1

16. Research thrust areas as recognized by major funding agencies

- Climate Change and Indigenous population, Landscape Asia, Glacio-fluvial Geomorphology Conservation on 'Natural Lakes in Kumaon Himalaya', Community Resilience to Climate Change Impacts, Disaster Management, Natural Hazard Mapping, Himalayan Environment, Migration, Marginalization and Globalization, tribal geography, Agro-Echo system and land use, Watershed study.

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17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a) National collaboration

Sl. No	Title of Project	Funding Agency	Amount (Rs)	Year
Prof P C Tiwari	Principal Investigator: Institutionalizing Common Pool Natural Resources for Restoration of Ecosystem Services & Rural Livelihood Improvement in Upper Ramgad Watershed, District Nainital	University Grants Commission (UGC), New Delhi	15,00,000	2010-2014
Dr Manisha Tripathi	Co- Principal Investigator: Geomorphological and Chrono-stratigraphic study for the reconstruction of glacial episodes of the Gangotri Glacier, Bhagrathi Valley, North West Valley	DST, New Delhi	34,74,800	2013-2016

b) International collaboration

Sl. No	Title of International Project	Funding Agency	Amount (Rs)	Year
Prof. R. Chand	Landscape Asia-Heritageization of countryside and Minority Areas in Monsoon Asia (India, Nepal, China, Laos, Vietnam)	Ministry of Research, Paris France,	Released to University of Paris-Quest-Nanterre, France	2014-2017
Prof. R. Chand & Prof. R.C. Joshi	Lead Researcher -Obama-Singh Twenty First Century Knowledge Initiative programme On Impact of climate change on the indigenous Population of the Himalaya	U.S. –India Educational Foundation, U.S.A.	Funds Released to Montana University, Missoula, USA	2012-2015
Prof P C Tiwari	Lead Indian Partner: Development of an Evidence-Based Climate Change Adaptation Toolkit to Help Improve Community Resilience to Climate Change Impacts in Uttarakhand, India (in collaboration with ANU Climate Change Institute and Monash Sustainability Institute (Australia); Tribhuwan University (Nepal); Monsoon Asia Integrated Regional Study (MAIRS) and Institute of Atmospheric Physics, Chinese	Asia Pacific Network for Global Change Research (APN), Kobe, Japan	Funding to Australian National University (ANU), Canberra, Australia	2014-2017

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	Academy of Sciences (China); and Centre for Global Change (Bangladesh)			
	Indian Partner: of Indo-German Project for Conservation on 'Natural Lakes in Kumaon Himalaya' (in collaboration with Potsdam University, Potsdam, Germany)	Federal Ministry of Education and Research, Germany	Funding to German Partners	2012-2015
	Indian Collaborator: Indo-German joint Project on 'Minimizing Diffused Pollution in Nainital Lake, Kumaon Himalaya' (in collaboration with Potsdam University, Potsdam, Germany)	Federal Ministry of Research and Education (BMBF), Germany	Funding to German Partners	2011-2014
	Indian Collaborator: International Collaborative Project on 'Improving Resilience and Adaptive Capacity to Climate Change in the Hindu Kush-Himalayan (HKH) Region' (Multi-national Collaborative Project in Partnership with Institutions from Australia, China, Bangladesh, India, Nepal and ICIMOD, Nepal)	Australian International Aid (AUSAID), Australia	Funding to Australian Partners	2013-2015

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- UGC -Rs15,00,000/-
- DST- Rs. 34,74,800

20. Research facility / centre with

- State recognition **Remote Sensing and Geographic Information System Lab**
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

- Online expert community development programme of HERE Nokia Ltd.

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22. Publications:

• Number of papers published in peer reviewed journals (national / international)	14/ 33
• Monographs	NA
• Chapters in Books	NA
• Edited Books	18 / 11
• Books with ISBN with details of publishers	02
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	
• SNIP	
• SJR	
• Impact Factor – range / average	
• h-index	

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Prof. R. Chand visited Centre for Advanced Academic Studies (CAAS) in Dubrovnik, University of Zagreb to attend IGU Conference at the Occasion of THIRTY YEARS OF MARGINALITY STUDIES
- Geographies of Marginality: The Realities of Physically Marginalized Areas from 19th to 23rd of August 2012.
- Prof. R. Chand Visited Department of Geography, University of Cologne, Germany to attend 32th International Geographical Congress 2012 from 26 to 30 August 2012
- Prof. R. Chand visited Department of Geography University of Groningen to attend 7th International Conference on Population Geographies, Groningen, The Netherlands from 25th to 28 June 2013.
- Prof R Chand and Prof R C Joshi, visited under Obama-Singh Twenty First century Knowledge Initiative programme On Impact of climate change on the indigenous communities of the Himalaya .visit includes:
- Department of Geography, College of Forestry and conservation and American Native centre, The University of Montana, USA
- Prof R C Joshi visited Polish Academy of Science, Krakow under INSA International scientist Exchange Programme in 2013
- Dr Manisha Tripathi- IAG: to attend a Geomorphology conference in Paris (France),

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University of Fribourg, Department of Geo sciences, Geography (Switzerland) to participate in the field work – Swiss Alps (Zermatt valley and Cervin). Murray Edward College, University of Cambridge to attend the conference on water resources hydraulics and hydrology.

26. Faculty serving in

a) National Committees:

- Prof. R Chand: Member of BOS and RDC of Rammanohar Lohia Avadh University Faizabad
- Prof. R C Joshi, Member, Faculty Board, Mizoram University

b) International Committees:

- Prof. R Chand: IGU Steering Committee Member of IGU Commission on Marginalization, Globalization, Local and Regional Response from 2008 to 2016.
- Prof. P C Tiwari: European Land Use Institute (ELI) ,Member of Scientific Advisory Board Council Member, Commission on Cold Region Environment of International Geographical Association, Member of Scientific Steering Committee, Monsoon Asia Integrated Regional Study (MAIRS), Co-opted Member of Scientific Steering Committee (SSC) and Member of Scientific Committee of Mountain Core Group, International Union of Forestry Research Organizations (IUFRO), Invited Member of South Asia Task Force on Indigenous Knowledge System

c) Editorial Boards

- Prof D.C. Pandey Chief Editor of the Journal of Regional Science and development, Published from the department of Geography.
- Prof. R Chand: IGU Commission publication Committee of Marginalization, Globalisation, Local and Regional Response, and founder member of PAHAR and Member of editorial Board, PAHAR, Nainital

d) Any other (please specify)

- Prof. R Chand: Colombo Plan Professor under Colombo Plan of Technical Co-operation from Govt. Of India to Royal University of Bhutan 2008 -2010.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Dr. Mohan Lal attended Refresher Course and Orientation Course organised ASC Kumaun University, Nainital
- Mr. Prakash Chanyal attended Orientation Course organised ASC Kumaun University, Nainital

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
 - All Students of PG Semester are assigned dissertation work during P. G. Programme.
- percentage of students doing projects in collaboration with other universities / industry / institute
 - 27 students are part of the map update community expert programme of HERE, Nokia Ltd. Gurgaon. from April 2014 for a period of 2 years

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29. Awards / recognitions received at the national and international level by

- **Faculty:**
 - Prof. P.C. Tewari Awarded Invitation Fellowship of Japan Society for Promotion of Science (JSPS), and worked as JSPS Fellow at Hiroshima University, Hiroshima, Japan (2012-2013)
 - Awarded Visiting Professor Fellowship by Swedish University of Agricultural Sciences, Umea, Sweden (2009)
 - Prof. R. Chand –served as Colombo Plan Professor under Colombo Plan of Technical Co-operation from Govt. Of India to Royal University of Bhutan from 2008 to 2010
 - Dr. Manisha Tripathi awarded Young Geomorphologist award 2013, International Association of Geomorphologist (IAG/AIG), Paris, France
- Doctoral / Post-doctoral fellows : NA
- Students : NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Status as organizer	Title of the conference/Seminar	Year and Date
a) Prof. R. Chand Convener	International Geographical Union's Commission Conference on Local and Regional Responses to Globalization in the Mountains and Marginal Areas of the World	May 1-9, 2011
b) Prof.R. Chand Convener	Obama-Singh Twenty First century Knowledge Initiative	May 14,2013
c) Prof. P.C. Tewari Convener	Indo-German Lake Conservation Initiative Workshop	19-20 November 2012
d) Prof. P.C. Tewari Convener	Refresher Course on 'Geography and Global Change' for Faculty of Geography of Indian Universities and Colleges	19 October to 08 November 2012
e) Prof. P.C. Tewari Convener	International Synthesis Workshop on Urban Growth in High Mountains: Understanding the Process and Options for Management under Global Change jointly organized with Mountain Research Initiative (MRI), Switzerland	01-05 November 2011

31. Code of ethics for research followed by the departments

- RDC Ordinances are being followed as approved by University

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32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	-	48	80	-	-
PG	60	22	24	100	100
PhD	52	23	17	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	-	-	-	-
PG	48	Nil	52	Nil
Research Ph. D	56	16	28	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- Civil Services: 03
- Defence Services examinations: 01
- NET: 04
- UGC JRF: 08
- SET: 07
- GATE: Nil

35. Student progression

Student progression		Percentage against enrolled
UG to PG		45
PG to M.Phil.		NA
PG to Ph.D.		27
Ph.D. to Post-Doctoral		03
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

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36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	88
from other universities within the State	NA
from universities from other States	12
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- 01 (Ph. D.)

38. Present details of departmental infrastructural facilities with regard to

a) Library :	NA
b) Internet facilities for staff and students :	Yes
c) Total number of class rooms	03
d) Class rooms with ICT facility :	01
e) Students' laboratories :	01
f) Research laboratories:	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	24

List of PhD. Scholars- 2013-14		
S. No.	Name of Student	Father's Name
1	Umashanker Joshi	Mr. Brahma Datt Joshi
2	Manoj Kumar	Mr. Ganga Ram
3	Priyanka Tyagi	Mr. M.C. Ytagi
4	Vinita Joshi	Mr. Brij Mohan Joshi
5	Jitendra Prasad	Mr. Manohar Lal
6	Robin Chettri	Mr. Om Prakash Chettri
7	Manisha Sharma	Mr. Govind Ballav Sharma
8	Kritika Bora	Mr. D. S. Bora
9	Bharat Kumar	Mr. Rajendra Prasad
10	Ghanand Palariya	Mr. Keshav Datt Palariya
11	Himani Bisht	Mr. G S Bisht
List of PhD. Scholars—2012-13		
12	Prakash Chandra	Mr. M. Ram
13	Ritika Vishnoi	Mr. N.K. Vishnoi
14	Rubina Bee	Mr. Chhote Bakhsh
List of PhD. Scholars—2011-12		
15	Babita Gupta	Mr. Vijai Pal Gupta
List of PhD. Scholars—2010-11		
16	Suresh Chandra Sharma	Mr. Purshottam Sharma

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17	Rekha Deolia	Mr. D.S. Deolia
18	Seera Tamang	Mr. C.K. Tamang
19	Uma Devi Nepal	Mr. J.S. Nepal
20	Beena Mishra	Mr. H.S. Mishra
21	Chandra Shekhar Tripura	Mr. C.D. Tripura
List of PhD. Scholars—2009-10		
22	Ganesh Prasad Arya	Mr. Uttam Ram
23	Mrs. Kamla Joshi	Mr. D.D. Punetha
24	Mrs. Deepti Rawl	Mr. B.S. Rawl

b) from other institutions/universities

16

List of PhD. Scholars- 2013-14		
S.L. No.	Name of Student	Father's Name
1	Arvind Saini	Mr. Ram Singh Saini
2	Sanjay Kumar	Mr. Kunwar Pal Singh
3	Manoj Pal Singh	Mr. Om Prakash
4	Sumit Kumar Singh	Mr. Girja Shaankar Singh
5	Vinod Kumar Chaudhary	Mr. R.P. Chaudhary
6	Bikram Gangwar	Mr. K.C. Gangwar
7	Udesh Kumar	Mr. Bhupendra Singh
List of PhD. Scholars—2012-13		
8	Naresh Prasad	Mr. Jagdish Prasad
9	Babita Negi	Mr. Kunwar Singh Negi
10	Vinod Singh	Mr. Mahipal Singh
List of PhD. Scholars—2011-12		
11	Premlata Pant	Mr. S.N. Purohit
12	LalKrishna Mishra	Mr. V.C. Mishra
13	Arvind Singh Yadav	Mr. Uttam Singh Yadav
14	Rohit Chauhan	Mr. Suresh Chauhan
List of PhD. Scholars—2010-11		
15	Reena Singh	Mr. D.K. Singh
16	Passang Tamang	Mr. B.B. Tamang

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

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42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
Board of Studies and by holding research degree committee meeting each year
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

- a. University Professors: 09
- b. Scientist : 03
- c. Administrative services: 01

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Pt. Nain Singh memorial lecture (organised each Year from 2002), Pundit Nain Singh Rawat was a famous explorer and surveyor of 19th century who has discovered and mapped the then unknown world of Tibet and thus awarded Patron medal of Royal Geographical Society of London, Gold watch from Paris Geographical Society and CIE from British Government.
- A training programme regarding map update is conducted under community expert programme of HERE, Nokia Ltd.Gurgaon.in April 201`4

45. List the teaching methods adopted by the faculty for different programmes.

- Smart class room teaching, Field work to make familiar with various aspects of physical and human geography, Presentation and group discussion.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- External examiners are invited and Internal assessment are made

47. Highlight the participation of students and faculty in extension activities.

- Each year field survey camp is organised for UG and PG classes during which students are given training to study the geographical and environmental importance.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Group discussion

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

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50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Journal of Regional science and development is published by department.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - International collaboration.
 - Well experienced faculty members (with more than 30 years of experience)
 - Attempt to establish the modern state of art in teaching and research.
 - Diversified rich field experience in research.
 - Faculty is highly enriched with recent development in the various fields of geography.
- **Weakness:**
 - Department is not having any supporting staff from its inception which is highly required in terms of Lab Assistant (01) to look after the cartographic laboratory and a System Analyst, Lab Assistant and Lab Bearer (03) to support the RS and GIS laboratory.
 - Insufficient availability of equipment to conduct practical classes at UG and PG level.
 - There is space problem to conduct classes for optional papers after introduction of semester system and course work at PG and PhD level respectively.
 - Insufficient fund availability to conduct fieldwork effectively.
 - There is no provision of Departmental Library/Documentation because of which students (PG and PhD) are not getting chance to avail books and other research materials.
- **Opportunities And Challenges:**
 - Geographical research can contribute effectively in Hill area Development with special emphasis on the Trans Himalayan unexplored areas.
 - Manpower can be trained to face the various disasters taking place in the area.
 - In the higher Himalaya there are many areas yet to be explained to utilize its potential for various commercial uses ,e.g. Tourism
 - Keeping in mind the geo-strategic importance of the area there is possibility to introduce political geography, and Military geography in the course.
 - Geography department in collaboration with State Govt. can provide/ generate geographical database to adopt planning and policy measure for the development of state.

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52. Future plans of the department.

- After introduction of semester system many new courses are inducted such as Remote Sensing, GIS, GPS, Glacial Geomorphology, Hydrology, Watershed management, Mountain Geography, Soil Geography, Natural Resource Management and Conservation and Disaster Management. All these frontier areas in geography require laboratory support and surveying instrument base. The department has to provide laboratory facility to students. For a long time there was not any substantial grant provided for the purchase of equipment. The old equipment are either out of order or not functioning in proper way. In addition to the traditional survey equipment, department would like to introduce a latest state of art in surveying by purchasing total station for surveying. Computer application in Geography has become one of the essential tools for the development of data base, analysis and output. Therefore, department is in need of good number of computers with multi user GIS and DIP software. Courses introduced on Soil Geography, Hydrology and Glacial geomorphology are based on corresponding practical and field work for which the equipment are needed.
- It is also being considered to introduce M.A. / M.Sc. in Geo-Informatics. The course curriculum is already approved by the university, however the programme is held up due to shortage of space and laboratory.

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• Name of the Department

Department of Geography, Kumaun University SSJ Campus Almora

• Year of Establishment

1952 (Agra University) and 1973 onwards Kumaun University

• Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts and Science

• Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG B.A./B.Sc (Geography)
- PG M.A./M.Sc (Geography)
 M.Sc. Remote Sensing and GIS
- Ph.D. Geography

• Interdisciplinary programmes and departments involved

NA

• Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

• Details of programmes discontinued, if any, with reasons

NA

• Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG : B.A./B.Sc. Annual
- PG : M.A./M.Sc. Semester

• Participation of the department in the courses offered by other departments

NA

• Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	02 (PP)	2
Associate Professors	NIL	NIL	NIL
Asst. Professors	2	2	2

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Others	1	1	1

- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Quali- fication	Desig-nation	Speciali-zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. A.K.Singh	Ph.D	Professor	Human Geography	34	Guided -02
Prof. J.S.Rawat	Ph.D	Professor (Head of Department)	Geomorphology / Hydrology /RS-GIS	33	Guided-04 Enrolled: 04
Dr. (Smt) Jyoti Joshi	Ph.D	Assistant Professor	Geomorphology	11	Enrolled: 4
Dr. Deepak	Ph.D	Assistant Professor	Human Geography	6	Enrolled: 1
Dr. Pradeep Pant	Ph.D	Guest Faculty	Agricultural Geography	2	NA
Dr. Geeta Rawat	Ph.D	Research Scientist (Under UCOST- DST Project)	Hydrology	10	NA
Mr. Vinod Singh	M.A.	Research Scientist (Under UCOST- DST Project)	Web-GIS	5	NA
Mr. Navneet Gahlot	M.Sc	GIS Analyst (Under UCOST- DST Project)	Web-GIS	2	NA

- List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Prof. Martin J.Haigh	Department of Geography, Oxford Brookes University UK visited 1/09/2010 in the department and conducted landslide survey for one week with the students of Geography.
Prof. Martin Price (Britain ,U.K)	Chairman, International Geographic Union with his IGU Conference Team (21 Members) on 10/5/2011

- Percentage of classes taken by temporary faculty – programme-wise information**

- B.A./B.Sc : 20%
- M.A./M.Sc: 10%

- Programme-wise Student Teacher Ratio**

- UG 90:1

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- PG 20:1
- Total (UG+PG) : 60:1

- **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Post	Sanctioned	Filled	Actual
Upper Division Clerk	1	1	1
Lab Bearer	1	1	1
Peon	1	1	1
Technical Assistants	6 Under UCOST-DST Project		
Project Assistant	1 Under UCOST-DST Project		
Data Recorders	12 Under UCOST-DST Project		

- **Research thrust areas as recognized by major funding agencies**

- Geomorphology (DST, ICSSR)
- Hydrology (DST)
- Hydrometeorology (DST)
- Remote Sensing /GIS (FIST DST)
- Climate Change (UCOST, USERC)
- Sustainable Development (ICSSR)

- **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

Name of the Investigator	Title of the project and duration	Amount Received	Funding Agency
Prof. J.S.Rawat (PI)	Development of Standard Base Uttarakhand Geoportal for Decentralized Governance: A joint collaborative project of Kumaun University and UCOST Dehradun	Rs. 35.69 lakh	DST New Delhi / UCOST, Dehradun
Prof. J.S.Rawat (PI)	Impact of Climate Change on Hydrological Responses under varied Ecological conditions in the Kumaun Lesser Himalaya Terrain	Rs.2.65 lakhs	UCOST, Dehradun
Prof. J.S.Rawat (PI)	Mapping Neighbourhood in Uttarakhand (MANU): Development of Geographic Information System of Uttarakhand Devastation 2013: A joint collaborative programme of DST between ICSSR, NRSC,	Rs. 25.40 lakhs	DST, New Delhi

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	Wadia Institute of Himalayan Geology, Kumaun and Garhwal University.		

• **Inter-institutional collaborative projects and associated grants received**

a) National collaboration

- The Department participated in Mapping Neighbourhood in Uttarakhand (MANU): Development of Geographic Information System of Uttarakhand Devastation 2013 – A National Programme of the NRDMS Division, Department of Science & Technology, New Delhi being implemented jointly by IIRS Dehradun, NRSC Hyderabad, Wadia Institute of Himalayan Geology, Kumaun and Garhwal Universities. Grant Received Rs 24.0 lakhs.
- The Department through its Centre of Excellence for Natural Resources Data Management System is currently conducting a joint collaborative project on Development of Standard Based Uttarakhand Geportal for Decentralised Governance, jointly with UCOST Dehradun, project cost is 35.69 lakhs.

b) International collaboration

NA

• **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

- i. Mapping of Uttarakhand Devastation 2013 under MANU (Mapping Neighbourhood in Uttarakhand) Programme of the Department of Science and Technology, Government of India, Grant Received Rs. 20.0 lakhs, 2013 onwards. (Principal Investigator-Prof. J.S.Rawat; MANU Faculty-Dr. Deepak, Dr. Yugal Pandey; MANU Students Trained at IIRS Dehradun 30; MANU Students deployed in field in Higher Himalaya-22).
- ii. Impact of Climate Change on hydrological response under varied ecological conditions in Kumaun Lesser Himalayan Terrain, funded by the UCOST Dehradun, Project Cost Rs.1.617 lakhs, since 2013 onwards (Principal Investigator-Prof. J.S.Rawat).
- iii. Development of Standard Based Uttarakhand GeoPortal for Decentralised Governance, funded by the Uttarakhand Council of Science and Technology, Government of Uttarakhand, Grant Received Rs. 35.69 lakh, since 2012 onwards (Project Director-Prof. J.S. Rawat).
- iv. Uttarakhand Centre on Climate Change, funded by Uttarakhand Science and Research Centre, Government of Uttarakhand, Project Cost Rs.10.0 lakhs during 2010-2012 (Founder Coordinator).
- v. Setting-Up Centre of Excellence for NRDMS in Uttarakhand, funded by the Department of Science and Technology, Government of India, Project Cost Rs. 1.00 crore , during 2009-2012 (Principal Investigator-Prof. J.S.Rawat).
- vi. Application of Geohydrometeorological Database in Groundwater Augmentation funded by the Department of Science and Technology, Government of India, , Project Cost Rs.32.26 lakhs, during 2009-2012 (Principal Investigator-Prof. J.S.Rawat)..
- vii. Detection of geo-spatial hotspots for enteric diseases using GIS and spatial scan statistic and to study the effect of water pollution on physical and mental health of residents of Almora and Nainital districts of Uttarakhand, Funded by the UCS&T Dehradun, Project Cost 3.0135 lakhs. duration 2009-2011(Co-Principal Investigator-Dr. Jyoti Joshi).
- viii. Geo-statistical Investigation of the hotspots of Vector-borne Diseases in Kumaon Region of Uttarakhand in Relation to Climatic Change and Socio- economic Conditions, Funded by the UGC New Delhi, Project Cost Rs.11.243 lakhs, 2009-2012 (Co-Principal

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Investigator--Dr. Jyoti Joshi)

- ix. Investigation of geo-spatial hotspots for the occurrence of Tuberculosis in Kumaon region of Uttarakhand using GIS and spatial scan statistic, Funded by the ICMR New Delhi, Project Cost Rs.10.71 lakhs, 2009-2011(Co-Principal Investigator--Dr. Jyoti Joshi).

• Research facility / centre with

- State recognition
 - i) Uttarakhand State Council of Science and Technology (UCOST) has recognized the Department for Developing Standard Based Uttarakhand Geoportal for Decentralised Governance through the Centre of the Department, viz., Centre of Excellence for Natural Resources Data Management System (COE NRDMS). The COE NRDMS has completed the work of developing Geoportals of 5 districts (i.e., Almora, Nainital, Udham Singh Nagar, Rudrapur and Tehri) and development work of Geoportal of other districts of the State is in progress.
 - ii) The COE NRDMS of the Department is the Member of State Spatial Data Infrastructure (SDI) Steering Committee for Development of Uttarakhand Geoportal and Clearing House for Provision of Geospatial Information Services.
 - iii) The COE NRDMS of the Department is also the Member, State Spatial Data Infrastructure (SDI) Executive Committee for Development of Uttarakhand Geoportal and Clearing House for Provision of Geospatial Information Services.
- National recognition
 - i) Under FIST Programme -The Department was identified by the Department of Science and Technology, Government of India for the award under its FIST programme (the FIST Programme was completed in 2010). Through this FIST award, GIS laboratory was established in the department and new papers on GIS, GPS and Remote Sensing were inducted in PG Syllabus .
 - ii) Established Centre of Excellence for Natural Resources Database Management in Uttarakhand (COE NRDMS) -Based on the outcomes of the GIS Lab established through FIST programme, the Department was identified by the DST Government of India for Setting-up Centre of Excellence for Natural Resources Database Management in Uttarakhand (COE NRDMS) in 2009. The COE NRDMS was established in 2009. The Objective of this Centre are to conduct advanced research and Master's Degree Programme on M.Sc.(Remote Sensing and GIS), to conduct advanced research in Geographic Information Science technologies. i.e., GIS, Remote Sensing and GPS, and capacity building of geospatial technologies in governance and research of the Uttarakhand State, in particular and India, in general (for more details visit: www.coenrdmsalmora.org).
 - iii) The Department was identified to participate in the National Joint (NRSC Hyderabad, IIRS Dehradun, Wadia Institute of Himalayan Geology, Kumaun and Garhwal Universities) Research Programme of the DST New Delhi on MANU (Mapping Neighbourhood in Uttarakhand). Through this programme, the trained Students (total 22) and Faculty (total 5) of Kumaun University captured 1000 disaster sites of 2013 by mobile GPS from Pinder and Kali valleys (of Higher Himalayas) and uploaded directly from field in Bhuvan

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Geoportal (of India, developed by ISRO, located at the NRSC Hyderabad).

- International recognition
 - i) Based on the research facilities hi-tech GIS and Remote Sensing facilities the Department is actively conducting studies jointly with Oxford Brookes University (UK) and Laboratory of Interactions of Soil Plant-Plant-Atmosphere, National Institute of Agricultural Research (INRA) France.
 - ii) The GIS and Remote Sensing Laboratories of this Department are well known worldwide. Using the hi-tech facilities of GIS, GPS and Remote Sensing Laboratories established under FIST and NRDMS Division of the DST Government of India, this Department has published research papers on Geomorphology, hydrology, Remote Sensing and GIS and Climate Change Science in highly reputed International Journals like International Journal of Geomatics and Geosciences, International; Journal of Advanced Remote Sensing and GIS; Bulletin of Environment and Scientific Research; Egyptian Journal Remote Sensing and Space Science; Asian Journal of Geoinformatics, Geo-informatics; International Journal of Engineering and Management Sciences; Belgian Journal of Geography; Current Science; Journal of the Geological Society of India; Mountain Research and Development, U.S.A; Natural Hazard, Netherlands; CATENA Supplement 10 and 15, Germany; Japanese Journal of Geomorphological Union, Japan; Natural Hazard, Netherlands).

• **Special research laboratories sponsored by / created by industry or corporate bodies**

- i) GIS Laboratory, Funded by the DST New Delhi under its FIST Programme (during 2005-2010).
- ii) Remote Sensing and GPS Laboratory, Funded by the NRDMS Division, DST New Delhi (2009).

• **Publications:**

• Number of papers published in peer reviewed journals (national / international)	22
• Monographs	NA
• Chapters in Books	NA
• Edited Books	02
• Books with ISBN with details of publishers	03
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	5-13
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	2

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• Details of patents and income generated

NA

• Areas of consultancy and income generated

NA

• Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

• Faculty serving in

a) National committees	02
- i. **Professor J.S.Rawat**
 - a. Member of Working Group of the National Institute of Hydrology;
 - b. Member, State Spatial Data Infrastructure (SDI) Steering Committee for Development of Uttarakhand Geoportal and Clearing House for Provision of Geospatial Information Services.
 - c. Member, State Spatial Data Infrastructure (SDI) Executive Committee for Development of Uttarakhand Geoportal and Clearing House for Provision of Geospatial Information Services.
 - d. Fellow Geological Society of India.
 - e. Life Member, Indian Society of Remote Sensing.
 - f. Life Member, Indian Institute of Geomorphologists.
 - g. Life Member, Transaction.
 - h. Life Member, Central Himalayan Environment Association (CHEA).
 - i. Coordinator of the DST Government of India MANU (Mapping Neighbourhood in Uttarakhand): Uttarakhand Devastation 2013.
 - j. Resource Person, Judicial Academy of Uttarakhand, Academy of Administration Uttarakhand;
 - k. Resource Person, UGC-Staff Academic College Nainital.
 - l. Coordinator, FIST programme of the DST New Delhi during 2009-2010.
 - m. Coordinator, Uttarakhand Centre on Climate Change, Kumaun University, Nainital, 2011-2012.
 - n. Convener, M.Sc. Remote Sensing and GIS, Kumaun University, Nainital, since 2009.
 - o. Joint Director, Directorate of Research and Extension, Kumaun University Nainital, during 2009-2011.
 - p. Director, Centre of Excellence for Natural Resources Data Management System in Uttarakhand since 2009.
 - ii. **Dr (Smt) Jyoti Joshi**
 - a. CSIR Research Associate Fellow (1995).
 - b. DST New Delhi Young Scientist Fellow (1997).
 - c. DST Women Scientist (2004).
 - d. Member, The International Geosphere, Biosphere Programme (IGBP).

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b)	International committees	01
	i. Prof. J.S.Rawat a. Senior Fulbright Fellow (USA), b. Elected Member of American Geophysical Union, c. Active Member of the New York Academy of Sciences. d. Senior Editor, International Journal of Advanced Earth Science and Engineering. e. Member, Organizing Committee for 3rd International Conference on Hydrology and Meteorology September 15-16, 2014, Hydrological International Convection Centre, India.	
c)	Editorial Boards	NA
d)	any other (please specify)	NA

• Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- i. Dr. (Smt) Jyoti Joshi**
 - a. UGC Refresher Course on Geographic Information Science and Its Applications for University and College Teachers, organized by COE NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora. Almora, 12th Nov. to 2nd Dec. 2013.
 - b. Seven Day Training Workshop on Geographic Information Science and Technology for University/College Teachers, sponsored by the Uttarakhand Space Application Centre, Dehradun, organised at the Centre of Excellence for NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora, 3-9 January 2011.
 - c. UGC Refresher Course on Earth Sciences and Applications of GIS/Remote Sensing, organized by the NRDMS Centre, Department of Geography, Kumaun University, SSJ Campus Almora, 14th November - 3rd Dec. 2009.
- ii. Dr. Deepak**
 - a. UGC Refresher Course on Geographic Information Science and Its Applications for University and College Teachers, organized by COE NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora. Almora, 12th Nov. to 2nd Dec. 2013.
 - b. Seven Day Training Workshop on Geographic Information Science and Technology for University/College Teachers, sponsored by the Uttarakhand Space Application Centre, Dehradun, organised at the Centre of Excellence for NRDMS in Uttarakhand, Kumaun University SSJ Campus Almora, 3-9 January 2011.
 - c. UGC Orientation Course organized by ASC, Kumaun University, Nainital during 13 Sept-10 Oct. 2012.
 - d. Three Day Training Workshop on Mobile GPS, Sponsored by DST New Delhi at IIRS Dehradun during 3-5 October 2013.

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- e. MANU (Mapping Neighbourhood in Uttarakhand): Uttarakhand Devastation 2013: DST New Delhi NRDMS Programme, worked as MANU Faculty during 20th October to 28th February 2014.

• Student projects

- percentage of students who have done in-house projects including inter-departmental projects PG Semester IV – Students 100%.
- percentage of students doing projects in collaboration with other universities / industry / institute NA

• Awards / recognitions received at the national and international level by

- Faculty
 - Prof. J.S. Rawat** (Fulbright Fellow)
 - o Honoured by **Bharat Jyoti Award** by the India International Society, New Delhi on 24th August, 2013.
 - o Honoured by **Glory of India Medal** by the International Institute of Success Awareness in August, 2013.
 - o Honoured by Kumaun **Gaurav Samman** on 9th May 2013.
 - o Special Recognition by OMICS Group Accelerating Scientific Discovery in appreciation of my Esteemed Support AS Organising Committee Member for 3rd International Conference on Hydrology and Meteorology September 15-16, 2014, Hydrological International Convection Centre, India.
- Doctoral / Post-Doctoral fellows NA
- Students
 - o Mr. Vivek Viswas, Rajeev Gandhi National Fellowship (2010)
 - o Mrs. Nirmala Nainwal, Junior Research Fellow, under UCOST-DST Project (2012)
 - o Miss Puspa, Rajeev Gandhi National Fellowship (2013)
 - o Miss Nisha, UGC Junior Research Fellow (2014)

• Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Two Day Training Workshop on Modernization of Office Records and Maps for District Planning, Sponsored by the Uttarakhand State Council of Science and Technology, Government of Uttarakhand, Dehradun, organised jointly by COE NRDMS, Department of Geography, Kumaun University and DESTO, Vikash Bhawan, Tehri at Collectorate, Tehri, 27-28 January, 2014.
- National Seminar on GIS Education: National and International Status, organised jointly by UGC Academic Staff College Nainital and the COE NRDMS, Department of Geography, Kumaun University, 30th November, 2013.
- UGC Refresher Course on Geographic Information Science and Its Applications for University and College Teachers, organized by COE NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora. Almora, 12th Nov.to 2nd Dec. 2013.

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- Workshop on modernization of land records, organized at the Vikash Bhawan Pauri, District Pauri, and Sponsored by the Uttarakhand State Council of Science and Technology, Government of Uttarakhand and organized by COE NRDMS, Department of Geography, Almora, 6-7 Sept. 2013.
- Workshop on GIS and Its Applications in Police Administration, organized at the SSP Office Nainital, Sponsored by the Uttarakhand State Council of Science and Technology, Government of Uttarakhand and organized by COE NRDMS, Department of Geography, Almora, 10th June 2013.
- Kumaun Division, PWD Engineers' Workshop for GIS Development, Sponsored by the Uttarakhand State Council of Science and Technology, Government of Uttarakhand and organized by COE NRDMS, Department of Geography, Kumaun University, 11th February 2013.
- Information Need Assessment Workshop for GIS Development for District Administration and Planning, organized jointly by COE NRDMS, Department of Geography, Kumaun University and District Administration Rudrapur at Collectorate Rudrapur, sponsored by the UCOST, Government of Uttarakhand, Dehradun and DST, Government of India, New Delhi, 2nd January 2013.
- Workshop on GIS Development and GPS Data Capturing for participants of UGS Refresher Course for Geographers and GIS at the Centre of Excellence for NRDMS in Uttarakhand, Department of Geography, Kumaun University participants-27 Geographers of four different states, i.e., Maharashtra, Uttarakhand, Uttar Pradesh and Bihar, 3rd November 2012.
- Information Need Assessment Workshop for GIS Development for District Administration and Planning, organized jointly by COE NRDMS in Uttarakhand, Department of Geography, Kumaun University and District Administration Nainital at Administrative Training Institute Nainital, sponsored by the UCOST, Government of Uttarakhand, Dehradun and DST, New Delhi, 8th August 2012.
- National Seminar on Geographic Information Science: Opportunities and Challenges in 21st Century, Organised by NIIT University, Neemrana, Rajasthan and Kumaun University at the Centre of Excellence for NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora, 1st May 2012.
- Seven Day Training Workshop on Geographic Information Science and Technology for University/College Teachers, sponsored by the Uttarakhand Space Application Centre, Dehradun, organised at the Centre of Excellence for NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora, 3-9 January 2011.
- Workshop on Application of GIS in Police Administration and Disaster Management, Sponsored by the DST New Delhi, Organised by COE NRDMS, Department of Geography, Kumaun University at the Office of Director General of Police, Government of Uttarakhand, Dehradun, 10th May 2010.
- Workshop on Management of Police GIS in District Almora, sponsored by the DST New Delhi, organized at the Superintendent of Police Office, District Almora, 15th January 2010
- Workshop on Development of Police GIS in District Almora, sponsored by the DST New Delhi, organized by COE NRDMS, Department of Geography, Kumaun University at the Superintendent of Police Office, District Almora, 15th July 2009.
- UGC Refresher Course on Earth Sciences and Applications of GIS/Remote Sensing, organized by the NRDMS Centre, Department of Geography, Kumaun University, SSJ Campus Almora, 14th November - 3rd Dec. 2009.

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• Code of ethics for research followed by the departments

NA

• Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.A./B.Sc					
2009-10	194	78	116	78%	83%
2010-11	136	40	96	92%	81%
2011-12	146	50	96	80%	81%
2012-13	124	29	95	82%	90%
2013-14	101	32	49	78%	82%
M.A./M.Sc.					
2009-10	25	06	17	100%	100%
2010-11	23	08	11	100%	100%
2011-12	25	05	16	100%	100%
2012-13	28	07	16	100%	100%
2013-14	16	06	08	100%	100%
Ph.D					
2009-10		02	01	NA	NA
2010-11		02	01	NA	NA
2011-12		02	01	NA	NA
2012-13		02	01	NA	NA
2013-14		02	02	NA	NA

• Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	2008-09			
	2009-10	100%	Nil	Nil
	2010-11	100%	Nil	Nil
	2011-12	91%	Nil	Nil
	2012-13	100%	Nil	Nil
	2013-14	93%	1.7%	Nil
Ph.D	2008-09	50%	0%	Nil
	2009-10	50%	0%	Nil
	2010-11	66%	34%	Nil
	2011-12	66%	0%	Nil

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2012-13	100%	0%	34%	Nil
2013-14	93%	0%	0%	Nil
			07%	

- **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

- i. Mr. Manoj, Research Scholar, NET 2011
- ii. Miss Puspa Research Scholar, NET 2012
- iii. Miss Nisha, Research Scholar, NET 2012
- iv. Mr. Harendra, Research Scholar, NET 2012
- v. Miss Parul Sharma, Research Scholar, NET 2013
- vi. Mr Manish Kumar, Research Scholar, NET 2013
- vii. Mr. Jagdish, Research Scholar, NET 2014
- viii. Rajendra Pant, Research Scholar, NET 2014
- ix. Miss Nisha, Research Scholar, SET 2013

• Student progression

Student progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	NA
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

• Diversity of staff

Percentage of faculty who are graduates	80%
of the same university	20%
from other universities within the State	NA
from universities from other States	NA
from universities outside the country	NA

- **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

NA

• Present details of departmental infrastructural facilities with regard to

- a) Library: A library with more than 1200 books
- b) Internet facilities for staff and students: This department has its own GIS/RS lab

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		with internet facility
c)	Total number of class rooms cum lab:	03
d)	Class rooms with ICT facility:	NA
e)	Students' laboratories:	01
f)	Research laboratories:	02

• List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	
	• Mr. Rajendra Pant	Research Scholar
	• Mr. Jagdish	Research Scholar
	• Miss Pushpa	Research Scholar
	• Miss Nisha	Research Scholar
	• Miss Minaxi	Research Scholar
b)	from other institutions/universities	
	• Mr. Manoj Kumar Tamta (from Nainital)	Research Scholar
	• Mr. Chandra Bhushan (from UP)	Research Scholar
	• Mr. Harendra (from Garhwal)	Research Scholar
	• Miss Parul Sharma (from Kashipur)	Research Scholar

• Number of post graduate students getting financial assistance from the university.

NA

• Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

• Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

• List the distinguished alumni of the department (maximum 10)

- i. Dr. J.S.Rawat. Professor in Geography, Kumaun University, SSJ Campus, Almora.
- ii. Dr. D.S.Rawat, Senior Scientist, GB Pant Institute of Himalayan Environment and Development, Katarmal.
- iii. Shri Lalit Mohan Pandey, IAS Govt. of India.
- iv. Dr. Madan Mohan Tewari, Dept. of Geography, Urai Degree College Urai (UP.)
- v. Dr. Jyoti Joshi, Assistant Professor, Department of Geography, Kumaun University SSJ Campus Almora.
- vi. Prof. M.S. Rawat, Associate Professor, Department of Geography, North East University Assam.
- vii. Dr. Abha Bhatt (PCS), Tourist Officer, Department of Tourism Pithoragarh.

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- viii. Dr. Santosh Verma, Principal Govt. Degree College Tehri.
- ix. Prof. G.S. Nayal, (Ex-Member of Uttarakhand Public Service Commission) Department of Education, Kumaun University SSJ Campus Almora.
- x. Dr. G.S. Bisht, Principal, Govt Degree College Ranikhet.
- xi. Dr. M.S. Chauhan, Associate Prof. Govt. Degree College, Tanakpur.

• Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- i. Invited lectures from eminent Professors. NA
- ii. Field excursions:
 - a. UG Level: Each year a Field Study Tour is organized
 - b. P.G.Level : Each year 10 days out of State Field Survey/Study tour is organized.
- iii. Participation in training courses and seminars: Seminar for PG Students are organized.

• List the teaching methods adopted by the faculty for different programmes.

- i. Conventional chalk and talk
- ii. Interactive classes
- iii. Students seminars
- iv. Field Study/Survey Tours (within in State case of UG and outside the state in case of PG).

• How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Internal Assessment- through Assignments (two in each papers)

• Highlight the participation of students and faculty in extension activities.

- i. Number of students participated in NCC:
 - a. 2008-09 -06
 - b. 2009-10 -05
 - c. 2010-11 -05
 - d. 2011-12 -07
 - e. 2012-13 -04
 - f. 2013-14 -05
- ii. Number of students participated in NSS:
 - a. 2008-09 -38
 - b. 2009-10 -36
 - c. 2010-11 -27
 - d. 2011-12 -23
 - e. 2012-13 -23
 - f. 2013-14 -17
- iii. Number of students participated in sports:
 - a. 2008-09 -15

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- b. 2009-10 -08
- c. 2010-11 -08
- d. 2011-12 -09
- e. 2012-13 -09
- f. 2013-14 -14

g. International Level : Miss Sweta Verma, Women Cricket Player.

• Give details of “beyond syllabus scholarly activities” of the department.

NA

• State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

• Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Establishment of Centre of Excellence for Natural Resources Data Management System in Uttarakhand (Under DST Government of India NRDMS Programme). Through this Centre of the Department, the following innovative works have been initiated to added knowledge in applications of newly emerging geospatial technologies (i.e., Remote Sensing, GIS, GPS and Compute Cartography):
 - a) **APPLICATION OF GEOSPATIAL TECHNOLOGIES IN DECENTRALIZED GOVERNANCE:** In view of the significance of application of Geospatial hi-tech technologies, i.e., remote sensing, GIS and GPS in governance, the Kumaun University through this Centre and the UCOST Dehradun has jointly developed a Research Project on “Development of Standard Based Uttarakhand Geoportal for Decentralized Governance”. This joint programme is funded by the DST Government of India. The objective of this programme is to develop GIS for each district of Uttarakhand State and to develop Uttarakhand Geoportal for g-Governance. The project was launched in November 2012 and at present the five districts (Almora, Nainital, Tehri, Pauri and Rudrapryag) of the State are completely in digital mode and hopefully by the end of 2015 entire the State will be under digital mode and Uttarakhand shall be first in India having g-Governance system.
 - b) **APPLICATION OF GEOSPATIAL TECHNOLOGIES IN IN DISASTER MANAGEMENT:** With the help of initiation taken by the Hon’ble Vice Chancellor Kumaun University Prof. H.S. Dhami, the Kumaun University was identified by the DST New Delhi to collaborate in a joint collaborative programme (of IIRS Dehradun, NRSC Hyderabad, Wadia Institute of Himalayan Geology, Kumaun University and Garhwal University) of the DST Government of India on MANU (Mapping the Neighborhood in Uttarakhand): Uttarakhand Devastation 2013. The Centre of Excellence NRDMS in Uttarakhand Developed Geographic Information System of Uttarakhand Devastation 2013 under this joint collaborative programme of the DST New Delhi. The major achievement of this DST Government of India funded (Total Cost Rs.24.0 lakhs) programme are:

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- i. Under this project 30 students of the Kumaun University were trained in the application of Mobile GPS to capture disaster events in field (Pinder, Kali and Saryu valleys) and to upload these events in Bhuwan Geoportal (located at NRSC Hyderabad) directly from field. Students of the Kumaun University uploaded about 7000 disaster sites of 2013 disaster events in Bhuwan Geoportal from Pinder, Saryu and Kali Valleys.
- ii. Developed GIS (Geographic Information System) of Uttarakhand Disaster 2013 which has been uploaded in the Uttarakhand Geoportal as well as in India GeoPortal at NSDI New Delhi for the use of state and federal stakeholders to develop rehabilitation plans for disaster management in Uttarakhand.
- c) **M.Sc REMOTE SENSING AND GIS** :With the help of financial support of the DST Government of India for setting up hi tech GIS, Remote Sensing and GPS laboratories, the Department has inducted 2 years Master's Degree Programme, viz., M.Sc. Remote Sensing and GIS. This Master Degree Programme, M.Sc Remote Sensing and GIS is highly job oriented, Out of the total 144 pass students, 104 have joined job in different Government Departments (total 6 students), in different Corporate Sectors (total 77 students) and for research in different Institutions (total 27 students of our country).

• Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- i. Strong and full strength of student base and maintains standards of education;
- ii. Hi-tech GIS and Remote Sensing Labs;
- iii. Favourable learning environment,
- iv. Conducive atmosphere to carry out research and developmental activities
- v. Students pursuing research in diverse fields

Weaknesses

- i. Lack Smart Class Rooms,
- ii. Frequent interruption in lab work due to power failure and lack of Centralized Power Generator facility in the campus.
- iii. The number of faculties sanctioned by the government is inadequate so the department always suffers from shortage of faculty members.
- iv. Very low annual grant to meet out books/journal, equipments and contingent expenses of the Department.

Challenges

- i. To start Semester System in UG Classes;
- ii. Development of better infrastructure facilities ;
- iii. Take into account of social, cultural, economic and other diversities of students.
- iv. Development of better methods of imparting higher grade education.
- v. Implementation of innovative ideas.

Opportunities

- i. For Researchers :to conduct advanced research in Geographic Information

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- Science and its Applications.
- ii. For other Departments – to use the technologies of Geographic Information Science in physical, biological, environmental and social sciences.
- iii. For Students -to develop professional carrier in GIS in Corporate Sectors.
- iv. For State/Federal Governments- to develop “g” Governance”.

• Future plans of the department.

- i. To start Diploma Programme in Remote Sensing and GIS.
- ii. To start Ph.D. Programme in Remote Sensing and GIS.
- iii. To Develop National Centre of Geographic Information Science.
- iv. To Develop International Centre on Mountain Ecology.
- v. To Develop Centre on Climate Change Studies.

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1. Name of the Department

Department of History, D.S.B. Campus

2. Year of Establishment

1973 (From 1951-1973 functioned as a College under the aegis of the Agra University)

3. Is the Department part of a School/Faculty of the university?

Faculty of Arts, Kumaun University

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG: B.A.
- PG: M.A.
- Doctoral: Ph.D., D.Lit.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG (B.A.)- Annual
- PG (M.A.)- Semester
- Pre Ph.D. Course work - Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS&MPS)
Professor	01	01	01
Associate Professor	01	01	02
Asst. Professor	04	04	03
Curator	01	01	

EVALUATIVE REPORT OF THE DEPARTMENT OF HISTORY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
G S Negi	Ph.D., D.Lit.	Professor & Head	Tribal Studies, History of Uttarakhand	29	12 (awarded) 08 (ongoing)
Savitri Kaira Jantwal	Ph.D.	Associate Professor	History of Uttarakhand	22	09 (awarded), 02(ongoing)
Sanjay Ghildiyal	Ph. D, NET JRF/SRF	Associate Professor	Historiography of Peasant Movements	15	Nil
Shivani Rawat	Ph. D, NET JRF/SRF	Assistant Professor	Archival Studies & History of Uttarakhand	04	Nil
Kavita Joshi	Ph. D	Assistant Professor (Contract)	History of Uttarakhand	03	Nil
Nirmal Singh Basera	Ph. D, NET	Assistant Professor (Contract)	Social and Economic History of Modern India	06 months	Nil
HS Bhakuni	Ph. D.	Curator	Uttarakhand History	24	04(awarded), 02(ongoing)
Puran Singh Adhikari	Ph. D.	Assistant Curator	Uttarakhand History	11	Nil
Bhuwan Chandra Sharma	Ph. D,	Assistant Curator	Uttarakhand History	11	Nil
Bhuwan Chandra	Ph.D.	Assistant Curator	Tourism and Environmental History	11	Nil
Hardayal Singh Jalal	Ph. D	Documentation Assistant	Uttarakhand History	04 yr, 10 months	Nil

- Dr Giraja Pandey, Associate Professor has proceeded on a long leave.

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

UG: 20% PG: 20%

14. Programme-wise Student Teacher Ratio

- PG 55:06 (9:1)
- UG 1495: 06 (249:1)

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition Gandhian Studies Centre
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	43
• Monographs	NA
• Chapters in Books	03
• Edited Books	01
• Books with ISBN with details of publishers	04
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

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23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

Prof G S Negi	- Membership - Expert in selection committee of various Universities and Public Service Commission - Indian History Congress - UP History Congress - Uttarakhand History and Culture Association
Dr. Savitri Kaira Jantwal	- Membership - Paper setting for various Universities - Uttarakhand History and Culture Association - UP History Congress
Dr Sanjay Ghildiyal	- Membership - Paper setting for various Universities and Public service commission - Indian History Congress - Indian Historical Institute - Uttarakhand History and Culture Association - UP History Congress - International Congress of Bengal Studies
Dr Shivani Rawat	- PAHAR - Indian History Congress - UP History Congress - Uttarakhand History and Culture Association
Dr Kavita Joshi	- PAHAR - Indian History Congress - UP History Congress - Uttarakhand History and Culture Association
Dr Nirmal Singh Basera	Uttarakhand History and Culture Association

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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- **Workshop Titled:** “गान्धी दर्शन की प्रासंगिकता एवं भविष्य-दृष्टि” | 16th and 17th March 2011 Funded by UGC. Faculty of the Department continually participates in the Refresher/Orientation programs.
- Dr Shivani Rawat, Assistant Lecturer Participated in the UGC-Sponsored Orientation programme (for 28 days) held at University Grant Commission, Academic Staff College, Kumaun University Nainital March, 1-28, 2014.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty Dr. Savitri Kaira received the Best Paper Award from Research Link Indore.
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- 4th August 2009 Funded by UGC
Hind Swaraj: 100 Years of the Gandhian Vision.
- 25th & 26th March 2010. Funded by UGC
Workshop Titled: गान्धी दर्शन की प्रासंगिकता एवं भविष्य-दृष्टि ।
- 16th and 17th March 2011 Funded by UGC गान्धीवादी शिक्षा के विविध आयाम एवं उनकी प्रासंगिकता ।

31. Code of ethics for research followed by the departments

- Emphasis is laid on two aspects of ethics
 - Code to be followed by faculty in their research endeavours:** Faculty members are encouraged to publish in refereed quality journals. Due insistence is laid on proper guidance of research scholars. Supervisors are advised to refrain from seeking favour of any kind.
 - Code of ethics to be followed by research scholars in the department:** Since research ethics and research quality are related, due stress is laid on educating the researchers in the department on all relevant aspects of research methodology and ethics.
The following aspects are specially kept in mind:
 - Plagiarism has to be avoided.

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- (ii) Promoting mutual respect, trust and fairness in collaborative work.
- (iii) Instead of working under stress due to unfavourable conditions, scholars are encouraged to report and bring their grievances to the supervisor and the H.O.D., who maintain confidentiality in redressal.

32. Student profile programme-wise:

Name of the Programme (refer to question no 4)	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
MA (Annual) Previous 2009-10	22	7	8	-	-
MA (Annual) Final 2010-11	55	21	29	42%	58%
MA (Annual) Previous 2010-11	53	29	19	-	-
MA (Annual) Final 2011-12	48	29	19	60%	40%
MA I Sem July-Dec, 2011	35	07	20	-	-
MA II Sem Jan-June, 2012	27	07	20	25%	75%
MA I Sem July-Dec, 2012	38	19	14	-	-
MA III Sem July-Dec, 2012	27	07	20	25%	75%
MA II Sem Jan-June, 2013	27	15	12	55%	45%
MA IV Sem Jan June, 2013	24	07	17	30%	70%-
MA I Sem July-Dec, 2013	35	18	13	55%	45%-
MA III Sem July-Dec, 2013	26	12	14	46%	54%-
MA II Sem Jan June, 2014	30	18	12	60%	40%-
MA IV Sem Jan June, 2014	27	13	14	48%	52%-
PhD 2009	04	02	02	-	-
PhD 2010	05	05	00	-	-
PhD 2011	00	00	00	-	-
PhD 2012	05	04	01	-	-
PhD 2013	--	--	--	--	--
D Lit 2009	Nil	Nil	Nil	Nil	Nil
D Lit 2010	Nil	Nil	Nil	Nil	Nil
D Lit 2011	01	01	00	-	-
D Lit 2012	Nil	Nil	Nil	Nil	Nil
D Lit 2013	Nil	Nil	Nil	Nil	Nil

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the state	% of students from other countries
M.A. Previous Annual 2009-10	99%	Nil	01%	Nil
MA Final, 2010-11,	100%	Nil	Nil	Nil
2010-11, First Year	98%	01%	01%	Nil
2011-12, Final Year	100%	Nil	NIL	NIL

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MA Semester				
I Sem July-Dec 2011	99%	Nil	01%	Nil
II, Jan June, 2012	99%	Nil	01%	Nil
I Sem July-Dec 2012	94%	NIL	06%	Nil
III Sem July-Dec 2012	99%	Nil	01%	Nil
II, Sem Jan June, 2013	94%	Nil	06%	Nil
IV, Sem Jan June, 2013	99%	Nil	01%	Nil
I Sem July-Dec 2013	94%	NIL	06%	Nil
III Sem July-Dec 2013	94%	Nil	06%	Nil
II Sem July-Dec 2013	94%	NIL	06%	Nil
IV Sem July-Dec 2013	94%	Nil	06%	Nil
PhD 2009	91%	03%	06%	Nil
PhD 2010	98%	NIL	02%	Nil
PhD 2011	Nil	NIL	NIL	NIL
PhD 2012	98%	Nil	02%	Nil
PhD 2013	97%	01%	02%	Nil
D Lit 2011	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET- 10
- USET- 05
- Rajiv Gandhi Fellowship- 03
- Indian Council of Historical Research Fellowship- 06

35. Student progression

Student progression		Percentage against Enrolled
UG to PG		
2009		14%
2010		50%
2011		48%
2012		27%
2013		25%
PG to M.Phil.		Nil
PG. Ph.D		
2009		21%
2010		5%
2011		Nil
2012		5%
2013		10%
Ph.D. to Post-Doctoral		Nil
Employed		
☐	Campus selection	Data not available
☐	Other than campus recruitment	Nil
Entrepreneurs		Data not available

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36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100%
from other universities within the State	NA
from universities from other States	NA
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- **D.Litt.** 01 (Prof GS Negi: “जौनसार बावर, रवाँई-जौनपुर, सिरमौर (हिमाचल प्रदेश)” क्षेत्र का सांस्कृतिक, सामाजिक अध्ययन(प्राचीन से आधुनिक तक)
- **Ph.D.** 01 (Shivani Rawat: “Archives and its Various Policy)

38. Present details of departmental infrastructural facilities with regard to

a) Library	YES, The museum of the Department has a small library and the Gandhian centre associated with the department also has a small library.
b) Internet facilities for staff and students	YES, The University has provided the faculty with iPad/ Laptops and BSNL Broadband for staff.
c) Total number of class rooms	ONE
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	Doctoral Students: 37 students awarded Ph-D degree between 2009- 2014. 23 students are enrolled in the Ph-D Programme
b)	from other institutions/universities	Doctoral Students: 07

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- History postgraduate students have employment potential, apart from traditional jobs like teaching, in fields like heritage management and conservation, tourism, archival services etc. Various institutions, both public and private, also employ archival staff to manage

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their records. The Department proposes to start a new Centre for Tribal Studies and Manuscript Conservation and Training Centre. It is hoped that these courses will not only generate new knowledge but also be very beneficial to the students of the economically backward state of Uttarakhand.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- Efforts are made to address the issues raised by the faculty. The issues that fall within the scope of the department are resolved within the department by the committees of the department. Issues which involve decision making at the higher level, changes in syllabi, introduction of new papers, pattern of question papers etc. are referred to appropriate bodies like Board of Studies etc. The nature of the process is deliberative, liberal and democratic.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- Written feedback on prescribed form to be submitted to the department.
 - Redressal of problems posed in student feedback is done by a departmental committee.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- Prof. Shekher Pathak, Padmshree.
- Prof. Ajay S Rawat, Uttarakhand Ratna.
- Dr. R.S.Tolia, Former Chief Secretary and former Chief Information Commissioner.
- Mr. Ganesh Martolia, D.I.G Uttarakhand.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special Lecture delivered by: Prof Shantan Singh Negi, HNB, Garhwal University on 'History of Uttarakhand: A Survey and Possibilities'.
- Special Lecture delivered by: Prof Ajay S Rawat, on 'Uttarakhand Through the Ages'.

45. List the teaching methods adopted by the faculty for different programmes.

- For UG Programmes: Traditional Method with chalk and black board.
- For PG & Ph. D Programmes: Traditional Methods with chalk and black board as well as multimedia presentations.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Feedback generated from the students and the meetings/seminars of Faculty and Research Students.

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- Observing the changes in syllabi of different examinations like NET and SET and of other elite institutions the course syllabi of the department are upgraded/ revised periodically.

47. Highlight the participation of students and faculty in extension activities.

- Students participate in sports, cultural programme, field visits to the regional archives and manuscript conservation programmes.
- Participation in workshops organized in the department.
- Participation in Special lectures organized in the department.
- Faculty of the Department deliver invited lectures at various forums.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Participation in Paper Setting and Selection committee for various Universities, Public Service Commission, Faculty Board and Board of Studies etc. Faculty members deliver invited lectures, extension lectures and talks at various Institutions. Classes (remedial cum extra) for PG/Ph.D. students for the preparation of competitive examinations like NET and SET.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department has a well-established tradition of research in various fields of historical research e.g. gender, art and architecture, colonial and postcolonial studies, environment and forestry, tribal studies, historiography, history of Uttarakhand. The department houses a museum of regional artefacts, manuscripts and colonial and postcolonial records and newspapers.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:** The department has faculty with specialization in diverse historical fields e.g. gender, art and architecture, colonial and postcolonial studies, environment and forestry, tribal studies, historiography, history of Uttarakhand. The faculty has produced quality research publications. Research is being conducted in the various aspects of regional history as well as in the history of diverse aspects of history of other parts of the country. Some research has also been conducted on the theoretical aspects of history and history of other countries. Research work is being supervised in upcoming fields, by the faculty members. The department is one of the biggest as regards student strength in the faculty of Arts and encourages a healthy interaction between diverse streams. The department also houses a Himalayan Sangrahalaya (Museum).
- **Weaknesses:** One of the structural weakness has been the adverse Student-teacher ratio, particularly so at the UG level. The department has a sanctioned strength of six faculty members to cater to the need of nearly 1500 UG, 60 PG and 18 research students at present. Shortage of space for class rooms and sitting space for research is another major

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handicap. Constraints of space further add to the problems. The department does not have any supporting administrative staff. The aforesaid in general hampers the working of the department.

- **Opportunities:** Uttarakhand region offers a unique opportunity of research in the various aspects of regional history. The region offers research opportunities in the various aspects of mountain history as well as the history of the terai and bhabhar regions. Regions form distinct cultural and historical zones. As such they need to be studied in their own contexts. Besides, the region has a very rich tradition of manuscripts, which offer a unique opportunity for the construction of historical narrative/s about the region. However, the state of manuscripts in the region is pathetic and they require urgent conservation and preservation. For this purpose the department proposes a Manuscript Conservation and Training Lab, details of which have been attached in the vision statement.
- **Challenges:** The major challenge is to bring in more financial assistance through funding agencies. This will help in giving fellowship to research scholars and this will attract good students to join the department as research students. More funds will help in improving the infrastructure of department- the library and the lab. Subscription of more journals and procurement of historical study tools like digital maps etc.

52. Future plans of the department.

- At present the department has sanctioned faculty strength of 06 teachers to cater to the teaching needs of nearly 1500 UG, 60 PG and 18 Ph. D. students studying History. Total present teaching load of the department is more than 140 contact hrs per week. To cope with this heavy teaching load and to cater to the teaching load to arise due to the proposed new PG programme i.e., M.A. in Ancient Indian History and Medieval and Modern History Group, at least 6 more regular faculty members are required.
- The vision of the department is to set up a Centre for Tribal Studies and a Manuscripts Conservation and Training Lab, introduce newer course material at the P.G. level. Subsequently research work in newer fields can be taken up at the university campus as well as affiliated colleges.

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1. Name of the Department

Department of History

2. Year of Establishment

1949

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG
- PG
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

- Teachers deliver lectures at various for a and also serve as resource persons

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03
Associate Professors	01	01	03
Asst. Professors	03	03	--
Others Tech. Asst. Museum	01	01	01

EVALUATIVE REPORT OF THE DEPARTMENT

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Daya Pant	MA, Ph.D.	Professor and Head	Med. And Modern History	36 Years	
C M Agarwal	MA, Ph.D., D.Litt	Professor	-do-	-do-	
Anil Joshi	MA, Ph. D.	Professor	-do-	34 years	05
VDS Negi	MA, Ph.D.	Associate Professor	Archaeology		
Sanjay Tamta	-do-	-do-	-do-	10 years	
Indu Rawat (attached from Arya Kanya Degree College, Almora)	MA	-do-	-do-	35 years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

UG -30:01 , PG 5:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sanctioned -01/Filled -01

16. Research thrust areas as recognized by major funding agencies

NA

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17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	35
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	11
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

EVALUATIVE REPORT OF THE DEPARTMENT

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Refresher Course -- 08 dec 2010 To 28 Dec 2010 SSJ Campus Almora (Dr. VDS Negi & Dr. Sanjay Tamta)

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Present Relevance of Indian Culture, Director-CM Agarwal, 13-14 Feb. 2010
- Cultural Messengers of India, Director-CM Agarwal, 29-30-March, 2014
- उत्तराखण्ड इतिहास एवं संस्कृति परिषद (२०१४) के चतुर्थ अधिवेशन 'हिमालयी समाज, संस्कृति एवं पर्यावरण' विषय पर 21 व 22 मार्च, 2014

31. Code of ethics for research followed by the departments

- Honesty in research work maintained. Preventive measures in place to ward off plagiarism.

EVALUATIVE REPORT OF THE DEPARTMENT

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G	1063	364	699	50	70
P.G	59	19	40	90	100
Ph. D	02	-	02		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G	100	Nil	Nil	Nil
P.G	100	Nil	Nil	Nil
Ph. D	100	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression		Percentage against enrolled
UG to PG		33
PG to M.Phil.		NA
PG to Ph.D.		01
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	10
Entrepreneurs		20

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	83%
from other universities within the State	NA
from universities from other States	17%
from universities outside the country	NA

EVALUATIVE REPORT OF THE DEPARTMENT

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a)	Library	NA
b)	Internet facilities for staff and students	NA
c)	Total number of class rooms	02 for U.G & 01 for P.G
d)	Class rooms with ICT facility	NA
e)	Students' laboratories	NA
f)	Research laboratories	Departmental Museum

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	NA
b)	from other institutions/universities	01
i.	One post-doctoral scholar transferred from Babsaheb Bhimrao Ambedkar University, Lucknow	

40. Number of post graduate students getting financial assistance from the university.

FOUR

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

NA

EVALUATIVE REPORT OF THE DEPARTMENT

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Status as organizer	Title of the conference/Seminar	Year and dates
Prof. C.M Agarwal Director	Relevance of Indian Stotra Literature	2007, 9-10 Feb.
Prof. C.M Agarwal Director	Present Relevance of Indian Culture	2010, 13-14 Feb.
Prof. C.M Agrwal -- Director	Cultural Messengers of India	2014 29-30-14 March.

उत्तराखण्ड इतिहास एवं संस्कृति परिषद (UHCA) के चतुर्थ अधिवेशन 'हिमालयी समाज, संस्कृति एवं पर्यावरण' विषय पर 21 व 22 मार्च, 2014 को एस0एस0जे0 परिसर, अल्मोड़ा,

45. List the teaching methods adopted by the faculty for different programmes.

- Lecture method, Interactive classroom seminars and field trips

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

- Lectures by Eminent Persons Organised

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- New findings and latest trends in historical research imparted to students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. History as a subject enhances the IQ of the students
 - ii. Teaching faculty actively engaged in research
 - iii. Archaeology, a great source of exposure

EVALUATIVE REPORT OF THE DEPARTMENT

- iv. Field tours of excavated sites
- v. Extra-Curricular activities

- **Weaknesses**

- i. Inadequate infra-structure
- ii. Research material not easily available
- iii. Lack of support staff like photographers/classifiers/computer programmers etc.
- iv. Lack of financial support
- v. Interest among students on the wane

- **Opportunities**

- i. Teaching opportunities available
- ii. Students can gain rudimentary aspects of research
- iii. Students can get employment in ASI / Archives etc.
- iv. Field work provides purposeful exposure
- v. Extra-curricular activities go a long way in all round personality development

- **Challenges**

- i. Inspiring the students towards this goal
- ii. Students need to be oriented towards research
- iii. Students to be motivated towards the rigours of field work
- iv. Logistical bottlenecks
- v. Balance has to be struck between curricular and co-curricular activities.

52. Future plans of the department.

- Workshops on Technical words to be organised under the aegis of Ministry of HRD, Govt of India
- Expansion of departmental museum.
- Diploma course in Cultural History of Uttarakhand likely to be introduced shortly .

EVALUATIVE REPORT OF THE DEPARTMENT OF HINDI, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. NAME OF THE DEPARTMENT: **Hindi/ हिंदी**
2. YEAR OF ESTABLISHMENT :**1951: शासकीय महाविद्यालय तथा 1973: कुमाऊं विश्वविद्यालय के विभाग के रूप में।**
3. IS THE DEPARTMENT PART OF A SCHOOL/FACULTY OF THE UNIVERSITY: **हां/ कला संकाय**
4. NAMES OF PROGRAMMES OFFERED: **बी. ए. / एम.ए. / पीएच.डी.**
5. INTERDISPLINARY PROGRAMMES AND DEPARTMENT ENVOLVES:
 1. **Prof. Neerja Tandon: Coordinator PGDJMC till 2010. Involvement in development MJMC, BJMC & Short Term Course like Advertising, Mass Media, Photoshop, etc.**
 2. **Dr. Shirish Kumar Mourya: Made a curriculum for Journalism and Mass Communication Department, Uttarakhand Open University (Uttarakhand) as given below**
 - I. **PG Diploma Course - Translation: JMC-2, Unit-4**
 - II. **PG Diploma Course - Cyber Journalism: JMC-7, Unit-6**
6. COURSES IN COLLABORATION WITH OTHER UNIVERSITIES, INDUSTRIES, FOREIGN INSTITUTIONS ETC: **कोई नहीं**
7. DETAILS OF PROGRAMMES DISCONTINUED, IF ANY, WITH REASONS: **लागू नहीं**
8. EXAMINATION SYSTEM: **वार्षिक - स्नातक / सेमेस्टर अथवा सत्र – परास्नातक**
9. PARTICIPATION OF THE DEPARTMENT IN THE COURES OFFERED BY OTHER DEPARTMENTS:
 1. **Prof. Neerja Tandon: Delivered Lectures in PGDJMC & MJMC, Sociology Refresher Course (02 Lectures), Women Studies, (02 Lectures) & Orientation Course conducted by ASC, K.U. (16 Lectures)**
10. NUMBER TEACHING POSTS SANCTIONED, FILLED AND ACTUAL
Exact information would be furnished by establishment cell of The University.

	SANCTIONED	FILLED	ACTUAL (INCLUDING CAS & MPS)
PROFESSOR	01		04
ASSOCIATE PROFESSOR	01		01 (Professorship under CAS due/02.11.2013)
ASSISTANT PROFESSOR	06		02
OTHERS-CONTRACTUAL	-		01

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FACULTY

11. FACULTY PROFILE : सभी विभागीय सदस्यों का विवरण/अकादमिक वृत्त

Name	Quali- fication	Desig- nation	Specialization	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
	M.A., Ph.D., D.Litt.	Professor & Head of Deptt.			
	M.A., Ph.D., D.Litt.	Professor			
	M.A., Ph.D.,	Professor			
	M.A.	Associate Professor			
	M.A., Ph.D.,	Associate Professor			
	M.A., Ph.D.,	Assistant Professor			
	M.A., Ph.D., NET	Assistant Professor			
	M.A., Ph.D., U-SET	Assistant Professor			
	M.A., Ph.D.,	Teaching Personal			
	M.A., Ph.D., NET	Teaching Personal			

12. LIST OF SENIOR VISITING FELLOWS, ADJUNCT FACULTY, EMERITUS PROFESSOR: Visiting Fellows Invited for Extension Lectures

1. प्रो.उषा सिन्हा, पूर्व अध्यक्ष हिंदी, लखनऊ विश्वविद्यालय, लखनऊ। 23-24.04.2014
2. प्रो.एस.पी.दीक्षित, मुख्य सलाहकार हिंदी, साहित्य अकादमी, दिल्ली एवं पूर्व अध्यक्ष हिंदी, लखनऊ विश्वविद्यालय, लखनऊ। 14-15.05.2014
3. प्रो.रामसजन पांडे, पूर्व अध्यक्ष, महर्षि दयानंद विश्वविद्यालय, रोहतक(हरियाणा)।
Invitation Accepted
4. डॉ.जितेन्द्र श्रीवास्तव, हिंदी विभाग, इग्नू, दिल्ली। Invitation Accepted

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5. प्रो.रोहिणी अग्रवाल, अध्यक्ष हिंदी एवं कला संकायाध्यक्ष, महर्षि दयानंद विश्वविद्यालय, रोहतक(हरियाणा)। Proposed
6. प्रो. अवधेशनारायण सिंह, हिंदी विभाग, महर्षि दयानंद विश्वविद्यालय, रोहतक(हरियाणा)। Proposed
7. प्रो.हरिमोहन, के.एम. हिंदी एवं भाषाविज्ञान विद्यापीठ, आगरा। Proposed
8. प्रो.बटरोही, पूर्व अध्यक्ष हिंदी, कला संकायाध्यक्ष एवं निदेशक डी.एस.बी.परिसर, नैनीताल। Proposed
9. प्रो.सुरेन्द्र दुबे, पूर्व अध्यक्ष हिंदी विभाग, दीनदयाल उपाध्याय वि.वि.गोरखपुर। Proposed
10. प्रो.के.सी.लाल, पूर्व अध्यक्ष हिंदी विभाग, दीनदयाल उपाध्याय वि.वि.गोरखपुर। Proposed
13. PERCENTAGE OF CLASSES TAKEN BY TEMPORARY FACULTY
PROGRAMME WISE INFORMATION:
UG : 20%
PG : 10%
14. PROGRAMME-WISE STUDENT TEACHER RATIO:
UG: 1::180
PG: 1::30
RESEARCH: 1::12
15. NUMBER OF ACADEMIC SUPPORT STAFF(TECHNICAL) AND
ADMINISTRATIVE STAFF: SANCTIONED, FILLED & ACTUAL:
कोई नहीं/तृतीय श्रेणी कर्मचारी की नियुक्ति आवेदित।
16. RESEARCH THRUST AREAS AS RECONIZED BY MAJOR FUNDING
AGENCIES: कोई नहीं
17. NUMBER OF FACULTY WITH ONGOING PROJECTS FROM : कोई नहीं
A) NATIONAL
B) INTERNATIONAL FUNDING AGENCIES AND
C) TOTAL GRANTS RECEIVED:
18. INTER-INSTITUTIONAL COLLABORATIVE PROJECTS AND
ASSOCIATED GRANTS RECEIVED: कोई नहीं
19. DEPARTMENTAL PROJECTS FUNDED BY DST-FIST, UGC-
SAP/CAS,DPE, DBT, ICSSR, AICTE, ETC-TOTAL GRANTS RECEIVED:
कोई नहीं
20. RESERACH FACILITY/CENTRE WITH
☐ STATE RECOGNITION
☐ NATIONAL RECOGNITION
☐ INTERNATIONAL RECOGNITION ✓
21. SPECIAL RESEARCH LABORATORIES SPONSORED BY/ CREATED BY

EVALUATIVE REPORT OF THE DEPARTMENT OF HINDI, D.S.B. CAMPUS, KUMAUN UNIVERSITY

INDUSTRY OR CORPORATE BODIES: कोई नहीं
22. PUBLICATION:

• Number of papers published in peer reviewed journals (national / international)	55
• Monographs	
• Chapters in Books	
• Edited Books	
• Books with ISBN with details of publishers	11
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	
• SNIP	
• SJR	
• Impact Factor – range / average	
• h-index	

23. DETAILS OF PATENTS AND INCOME GENERATED: लागू नहीं

24. AREAS OF CONSULTANCY AND INCOME GENERATED: लागू नहीं

25. FACULTY SELECTED NATIONALLY/INTERNATIONALLY TO VISIT
OTHER INSTITUTIONS IN INDIA AND ABROAD:

1. प्रो.मानवेन्द्र पाठक, विश्व हिन्दी मंच, भारत तथा सिल्पाकार्क यूनिवर्सिटी बैंकाक, थाईलैण्ड के संयुक्त तत्वावधान में दिनांक 16-21 अक्टूबर, 2013 को बैंकाक, थाईलैण्ड में आयोजित अंतरराष्ट्रीय सम्मेलन में सहभागिता तथा देश के कई विश्वविद्यालयों में आमंत्रित।
2. प्रो.नीरजा टंडन, देश के कई विश्वविद्यालयों में आमंत्रित।
3. प्रो.चन्द्रकला रावत, भाषा शोध एवं प्रकाशन केन्द्र बड़ोदरा द्वारा देश भर में आयोजित कार्यशालाओं एवं संगोष्ठियों में आमंत्रित।
4. डॉ.शिरीष कुमार मौर्य, राष्ट्रीय लेखक सम्मेलन-सानिध्य, आयोजक शिल्पायन एवं आकाशवाणी, जबलपुर(म.प्र.) दिनांक 19-20-21 अगस्त 2012 तथा देश भर में कई प्रतिष्ठित संस्थाओं द्वारा कविता-पाठ/ वक्तव्य के लिए आमंत्रित।

26. FACULTY SERVING IN

A) NATIONAL COMMITTEES

1. प्रो. मानवेन्द्र पाठक : Exicutive Council Member of भारतीय हिंदी परिषद्, इलाहाबाद विश्वविद्यालय, इलाहाबाद

Member of Board of Studies : 1- HNB Central University Srinagar Garhwal, 2- Kurukshetra University Hariyana, 3- Gurukul Kangri University Haridwar & 4- Jiwaji University Gwalior.

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2. प्रो. नीरजा टंडन : Member of Advisory Board- UGC Net/SC-ST Cell. Member of Faculty Board, BoS & RDC - Faijabad University. Member of Advisory Board-SAP, Mahirshi Dayanand University, Rohtak.

B) INTERNATIONAL COMMITTEES

1. शिरीष कुमार मौर्य : सलाहकार समिति, प्रतिलिपि अन्तर्राष्ट्रीय पत्रिका एवं प्रकाशन, जयपुर(2010 से निरन्तर)

C) EDITORIAL BOARDS

1. प्रो.नीरजा टंडन: Quest-Research Journal of ASC, K.U. Nainital, वार्षिकी तथा विवरणिका –कु.वि.वि. की प्रशासनिक पत्रिकाएं। उत्तरा महिला पत्रिका.
2. शिरीष कुमार मौर्य: सम्पादक – अनुनाद / कविता की ब्लागपत्रिका (2007 से निरन्तर)

D) OTHER

27. FACULTY RECHARGING STRATEGIES (UGC, ASC, REFRESHER / ORIENTATION PROGRAMS, WORKSHOPS, TRAINING PROGRAMS AND SIMILAR PROGRAMS):

Members of the department participate in refresher/orientation courses, workshops and training programs. Details are given in their personal profile. The Department has conducted 03 refresher course in ASC, K.U. Nainital.

विभागीय सदस्यों द्वारा पुनश्चर्या/ कार्यशालाएं तथा समय-समय पर आयोजित प्रशिक्षण कार्यक्रमों में विभागीय सदस्यों की सक्रिय सहभागिता। विवरण सदस्यों के अकादमिक वृत्त में दिया गया है. हिंदी एवं अंग्रेज़ी विभाग द्वारा एकेडेमिक स्टाफ कालेज, कु.वि.वि. में सम्मिलित रूप से पुनश्चर्या पाठ्यक्रम का संचालन।

1. काव्यशास्त्र : 04-24.10. 2010
2. Indian cultural ethos through selected literary text 14-05.03.2012
(अंग्रेज़ी विभाग के साथ) : प्रो.नीरजा टंडन –सहसमन्वयक
3. Indian and western poetics 04-24.08.2013
(अंग्रेज़ी विभाग के साथ) : प्रो.नीरजा टंडन –सहसमन्वयक
4. Proposed –काव्यशास्त्र एवं भाषा विज्ञान
(अंग्रेज़ी विभाग के साथ) : प्रो.नीरजा टंडन –सहसमन्वयक

28. STUDENT PROJECTS

(PERCENTAGE OF STUDENTS WHO HAVE DONE IN-HOUSE PROJECTS)

EVALUATIVE REPORT OF THE DEPARTMENT OF HINDI, D.S.B. CAMPUS, KUMAUN UNIVERSITY

INCLUDING INTER-DEPARTMENTAL PROJECTS कोई नहीं

□ PERCENTAGE OF STUDENTS DOING PROJECTS IN COLLABORATION WITH
OTHER UNIVERSITIES / INDUSTRIES / INSTITUTES कोई नहीं

29. AWARDS / RECOGNITIONS RECEIVED AT THE NATIONAL AND INTERNATIONAL LEVEL

□ FACULTY

1. शिरीष कुमार मौर्य :

1. अंकुर मिश्र कविता पुरस्कार, नई दिल्ली, 2004
2. पं. दीनदयाल उपाध्याय विश्वविद्यालय गोरखपुर से डॉ. दीपकप्रकाश त्यागी के सम्पादन में प्रकाशित पत्रिका प्रस्थान का 'शिरीष मौर्य के कविता संसार' पर विशेष अंक, 2008
3. लक्ष्मणप्रसाद मंडलोई सम्मान, प्रगतिशील लेखक संघ, 2009
4. वागीश्वरी सम्मान, म.प्र.हिंदी साहित्य सम्मेलन, भोपाल, 2010
2. प्रो. मधुबाला नयाल(सेवानिवृत्त आचार्य) : गोविंद चातक पुरस्कार, 2011
3. प्रो. नीरजा टंडन, उर्दू कलमकार संस्थान से पत्रकारिता शिक्षण में विशेष योगदान हेतु सम्मानित तथा भाषा संस्थान देहरादून का 'भाषा टीका सम्मान'।

□ DOCTORAL / POST-DOCTORAL FELLOWS कोई नहीं

□ STUDENTS कोई नहीं / यदि क्रीड़ा, एन.एस.एस. तथा एन.सी.सी. में स्नातक स्तर पर पुरस्कृत कोई है तो विवरण सम्बन्धित विभाग द्वारा उपलब्ध कराया जा सकेगा।

30. SEMINARS / CONFERENCES / WORKSHOPS ORGANIZED AND THE SOURCE OF FUNDING (NATIONAL / INTERNATIONAL) WITH THE DETAILS OF OUTSTANDING PARTICIPANTS, IF ANY.

1. महिला समाख्या, उत्तराखंड, महादेवीवर्मा सृजनपीठ(कुमाऊं विश्वविद्यालय) तथा हिंदी विभाग डी.एस.बी.परिसर, नैनीताल के संयुक्त तत्वाधान में 'साहित्य तथा समाज' विषय पर त्रिदिवसीय राष्ट्रीय संगोष्ठी। दिनांक 26-28.03.2008
2. महादेवी वर्मा सृजनपीठ, कु.वि.वि. के सहयोग से चन्द्रकुंवर जन्मशताब्दी संगोष्ठी 21 अगस्त 2012

31. CODE OF ETHICS FOR RESEARCH FOLLOWED BY THE DEPARTMENT:

Originality, Quality and Relevance. मौलिकता, गुणवत्ता तथा प्रासंगिकता

32. STUDENT PROFILE PROGRAMME-WISE: Processed Data of last 4 Year based on information collected from Dean Arts office and departmental records.

NAME OF PROGRAMME (REFERRED TO)	APPLICATIONS RECEIVED : Per Year Average	SELECTED		PASS PERCENTAGE	
		MALE	FEMALE	MALE	FEMALE

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THE QUESTION NO 4)					
UG : I,II &III Combined	प्रतिवर्ष औसत संख्या 1400	29 %	71 %	50 %	70 %
PG : From UG III	प्रतिवर्ष औसत संख्या 40	15 %	85 %	100 %	100 %
RESEARCH	प्रतिवर्ष औसत संख्या 12	25 %	75 %	100 %	100 %

33. DIVERSITY OF STUDENTS: Processed Data of last 4Year based on information collected from Dean, Arts office and departmental records.

NAME OF PROGRAMME (REFERED TO THE QUESTION NO 4)	% OF STUDENTS FROM THE SAME UNIVERSITY	% OF STUDENTS FROM OTHER UNIVERSITIES WITHIN THE STATE	% OF STUDENTS FROM UNIVERSITIES OUTSIDE THE STATE	% OF STUDENTS FROM OTHER COUTRIES
UG	95%	4%	1%	Nil
PG	95%	4%	1%	Nil
RESEARCH	60%	20%	20%	Nil

34. HOW MANY STUDENTS HAVE CLEARED CIVIL SERVICES AND DEFENSE SERVICES EXAMINATIONS, NET, SET, GATE AND OTHER COMPETITIVE EXAMINATIONS? GIVE DETAILS CATEGORY-WISE.
NET/JRF/SET AND OTHER

1. जगदीश चन्द्र : नेट-जे.आर.एफ./ प्रवक्ता इंटरमीडिएट कालेज –लोक सेवा आयोग
2. अनिल कुमार : नेट
3. ललितमोहन : नेट-जे.आर.एफ./ असिस्टेंट प्रोफेसर – लोक सेवा आयोग
4. उमेश चन्द्र ध्यानी : नेट
5. अनीता : नेट
6. सुनीता सल्यानी : नेट / समीक्षा अधिकारी/ असिस्टेंट प्रोफेसर – लोक सेवा आयोग
7. अर्जुन सिंह : नेट
8. जावेद अली : नेट-जे.आर.एफ.
9. शालिनी नागर : नेट-जे.आर.एफ.
10. बद्रीप्रसाद सेमवाल : नेट
11. शिवप्रकाश त्रिपाठी : नेट-जे.आर.एफ.
12. जितेन्द्र कुमार : नेट-जे.आर.एफ.
13. मुरलीमनोहर भट्ट : नेट-जे.आर.एफ.

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14. पूनम आर्या : नेट

35. STUDENT PROGRESSION: Processed Data of last 4 Year based on information collected from Dean Arts office and Departmental records.

STUDENT PROGRESSION	% AGAINST ENROLLED
UG TO PG	10%
PG TO Ph.D.	50%
Ph.d. TO POST-DOCTORAL	Nil
EMPLOYED ☐ CAMPUS SELECTION ☐ OTHER THAN CAMPUS RECRUITMENT	NA
ENTERPRENEURS	NA

36. DIVERSITY OF STAFF

% OF FACULTY WHO ARE GRADUTES	
OF THE SAME UNIVERSITY	80%
FROM OTHER UNIVERSITIES WITHIN THE STATE	Nil
FROM UNIVERSITIES OF OTHER STATES	20%
UNIVERSITIES OUTSIDE THE COUNTRY	Nil

37. NUMBER OF FACULTY WHO WERE AWARDED M.Phil, Ph.D., D.Sc. AND D.Litt. DURING THE ASSESSMENT PERIOD: कोई नहीं

38. PRESENT DETAILS OF DEPARTMENTAL INFRASTRUCTURAL FACILITIES WITH REGARD TO

- A) LIBRARY: विभागीय पुस्तकालय एवं विभागीय सदस्यों द्वारा प्रदत्त पुस्तकों/पत्रिकाओं से निर्मित "अपना पुस्तकालय"

- B) INTERNET FOR STAFF & STUDENTS: No/Proposal pending.
नहीं / प्रस्ताव वि.वि. में लम्बित.

- C) TOTAL NO. OF CLASS ROOMS : 04/ Need for more rooms.
4 / अधिक कक्षाओं की आवश्यकता है.

- D) CLASS ROOMS ICT FACILITY: No, but we need it.
नहीं, किन्तु आवश्यकता है.

- E) STUNDENT'S LABORATORIES: No, but we need it.
नहीं, किन्तु आवश्यकता है.

- F) RESEARCH LABORATORY: No, but we need it.
नहीं, किन्तु आवश्यकता है.

39. LIST OF DOCTORAL , POST-DOCTORAL STUDENTS AND RESEARCH

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ASSOCIATES

A) FROM THE HOST INSTITUTION/UNIVERSITY NA

B) FROM OTHER INSTITUTION/UNIVERSITY 01

1. डॉ.गीता शर्मा

40. NUMBER OF PG STUDENTS GETTING FINANCIAL ASSISTANCE FROM THE UNIVERSITY: कोई नहीं

41. WAS ANY NEED ASSESSMENT EXERCISE UNDERTAKEN BEFORE THE DEVELOPMENT OF NEW PROGRAMMES? IS SO, HIGHLIGHT THE METHODOLOGY: NOT ANY

42. DOES THE DEPARTMENT OBTAIN FEEDBACK FROM

A. FACULTY ON CURRICULUM AS WELL AS TEACHING-LEARNING-EVALUATION? IF YES, HOW DOES THE DEPARTMENT UTILIZED THE FEEDBACK?

All Professors of the department are member of Academic Council of the University. On this forum they discuss the utility and relevance of the curriculum and made changes accordingly. At the PG level special curriculum is made for semester system study to which we added professional subjects like Journalism and Translation. At the UG level, we offer functional Hindi to students to develop them to face official service examinations.

विभाग के सभी प्रोफेसर स्तर के सदस्य विद्या परिषद् के सदस्य भी हैं। पाठ्यक्रम की उपयोगिता तथा प्रासंगिकता को लेकर चर्चा होती है और उसके अनुरूप बदलाव भी किए गए हैं। परास्नातक स्तर पर सेमेस्टर पद्धति के लिए विशेष पाठ्यक्रम बनाया गया है, जिसमें पत्रकारिता और अनुवाद जैसे रोजगारपरक और व्यावहारिक विषयों को भी वैकल्पिक प्रश्न पत्रों के रूप में स्थान दिया गया है। स्नातक स्तर पर भी विद्यार्थियों को प्रयोजनमूलक हिंदी पढ़ाई जाती है, जिससे उन्हें कार्यालयी सेवा परीक्षाओं में लाभ मिलता है।

B. STUDENTS ON STAFF, CURRICULUM AS WELL AS TEACHING-LEARNING-EVALUATION? IF YES, HOW DOES THE DEPARTMENT UTILIZED THE FEEDBACK?

Departmental members made discussion with students about curriculum and teachings. All of such discussion concludes that students are much satisfied with curriculum and teaching, but they felt a lack of reference books, classrooms, research lab, etc.. Student evaluation on the format given by IQAC is enclosed to this SSR.

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विभाग समय-समय पर विद्यार्थी से पाठ्यक्रम और प्राध्यापकों के शिक्षण के विषय में वार्ता करता है। इन सभी वार्ताओं में पाया गया है कि विद्यार्थी पाठ्यक्रम तथा शिक्षण कार्य से सन्तुष्ट हैं, किंतु मूलभूत सुविधाओं, जैसे पुस्तकों, कक्षा-कक्षों, शोध-प्रयोगशाला आदि की कमी वे महसूस करते हैं। IQAC द्वारा उपलब्ध कराए गए प्रारूप विद्यार्थियों का आकलन इस आख्या में अवलोकनार्थ संलग्न है।

C) ALUMNI AND EMPLOYERS ON THE PROGRAMMES OFFERED AND HOW DOES THE DEPARTMENT UTILIZED THE FEEDBACK? कोई नहीं

43. LIST THE DISTINGUISHED ALUMNI OF THE DEPARTMENT
(MAXIMUM 10)

1. श्री वीरेन डंगवाल, साहित्य अकादमी प्रस्कार प्राप्त विख्यात हिंदी कवि।
2. श्री सईद शेख, विख्यात चित्रकार
3. प्रो. लक्ष्मण सिंह बिष्ट पूर्व छात्र एवं विभागाध्यक्ष/संकायाध्यक्ष तथा विख्यात हिंदी कथाकार।
4. श्री देवेन्द्र मेवाड़ी, प्रसिद्ध विज्ञान कथालेखक
5. श्री राजीवलोचन साह, वरिष्ठ पत्रकार एवं सामाजिक कार्यकर्ता
6. श्री श्यामसुन्दर टंडन, पूर्व सहायक निदेशक उत्तराखंड प्रशासनिक अकादमी एवं पूर्व सहायक निदेशक उच्चशिक्षा, उच्चशिक्षा निदेशालय, इलाहाबाद।
7. श्रीमती मुकुल पंत, उच्चशिक्षा निदेशक, उच्चशिक्षा निदेशालय, हल्द्वानी, उत्तराखंड
8. प्रो. रेखा पांडे, प्राचार्य – राजकीय महाविद्यालय दोषापानी, ओखलकांडा

44. GIVE DETAILS OF STUDENT ENRICHMENT PROGRAMMES (SPECIAL LECTURES/WORKSHOPS/SEMINARS) INVOLVING EXTERNAL EXPERTS:

विभाग बाह्य विशेषज्ञों को व्याख्यान हेतु आमंत्रित करता है तथा नियमित रूप से विद्यार्थियों के आन्तरिक सेमिनार तथा कार्यशालाएं आयोजित की जाती हैं।

45. LIST THE TEACHING METHODS ADOPTED BY THE FACULTY FOR DEFERNT PROGRAMMES:

1. व्याख्यान
2. कक्षा संगोष्ठी
3. कक्षा कार्यशाला
4. कक्षा परिसंवाद
5. विशिष्ट साहित्यकारों पर साहित्य अकादमी तथा अन्य संस्थाओं द्वारा निर्मित डाक्यूमेंट्रीज़ का प्रदर्शन
6. नियत कार्य/अभिहस्तांकन

46. HOW DOES THE DEPARTMENT INSURE THAT PROGAMME OBJECTIVES ARE CONSTANTLY MET AND LEARNING OUTCOMES

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ARE MONITERED: **Eaxamination and Departmental Assesments.**

47. HIGHLIGHT THE PARTICIPATION OF STUDENTS AND FACULTY IN
EXTENSION ACTIVITIES:

STUDENTS: SPORTS, N.S.S. & N.C.C.

**FACULTY: D. S. W. Board, Proctorial Board and in various
committees.**

48. GIVE DETAILS OF 'BEYOND SYLLABUS SCHOLARLY ACTIVITIES' OF
THE DEPARTMENT: डॉ. शिरीष कुमार मौर्य हिंदी के महत्वपूर्ण कवि तथा आलोचक हैं।
विवरण उनके क्रमांक 11 पर उनके जीवन वृत्त में उपलब्ध है।

49. STATE WHETHER THE PROGRAMME / DEPARTMENT IS
ACCREDITED / GRADED BY OTHER AGENCIES? IF YES, GIVE
DETAILS: **NA**

50. BRIEFLY HIGHLIGHT THE CONTRIBUTIONS OF THE DEPARTMENT
IN THE GENERATING NEW KNOWLEDGE, BASIC OR APPLIED:

The Department is contributing in high quality research. Prof. Manvendra Pathak has given new views to Riti Sahitya. Prof. Neerja tendon has redefined the Poetics and Shaivigyan bringing them old to new references. Prof. Chandrakala Rawat contributed to the study of Folk Literature of Kumaun. Prof. Nirmala Dhaila Bora worked in Smarak Sahitya. Dr. Shirish Kumar Mourya is a well known Poet & Critic of contemporary Hindi Literature, he added new aspects to these genres.

विभाग शोध के क्षेत्र में उच्चस्तरीय योगदान दे रहा है। प्रो. मानवेन्द्र पाठक ने रीति साहित्य के सन्दर्भ में नवीन स्थापनाएं दी हैं। प्रो. नीरजा टंडन ने काव्यशास्त्र तथा शैलीविज्ञान को पुराने सन्दर्भों से आगे लाते हुए उन्हें पुनर्परिभाषित किया है। प्रो. चन्द्रकला रावत ने कुमाऊं के लोक साहित्य पर कार्य किया है। प्रो. निर्मला ढैला बोरा ने स्मारक साहित्य पर नया कार्य किया है। डॉ. शिरीष कुमार मौर्य हिंदी के सुपरिचित कवि-आलोचक हैं, जिन्होंने समकालीन हिंदी साहित्य की इन विधाओं में नए पहलू जोड़े हैं।

51. DETAIL MAJOR STRENGTHS, WEAKNESSES, OPORTUNITIES AND
CHALLENGES (SWOC) OF THE DEPRATMENT:

STRENGTH – Our Qualified well trained academic teaching staff.

WEAKNESS- Infrastructure. Shortage of classrooms. Lack of Internet access.

OPORTUNITIES- We have opportunities to establish our department as a reputed centre for research and creative writings in Hindi.

CHALLENGES – Our first challenge is to overcome our weaknesses for which must want an economic support of the University

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administration. Secondly, we have to meet the modern skills and to explore our opportunities.

52. FUTURE PLANS OF THE DEPRATMENT:

1. अनुवाद में परास्नातक डिप्लोमा (PG Diploma in Translation)

विश्वविद्यालय को प्रेषित विस्तृत प्रस्ताव एवं रूपरेखा

हिन्दी विभाग, डी.एस.बी.परिसर, नैनीताल अनुवाद में परास्नातक डिप्लोमा कोर्स का प्रस्ताव रखता है। यह कोर्स देश कुछ विश्वविद्यालयों में सफलतापूर्वक संचालित किया जा रहा है। हमारे विश्वविद्यालय द्वारा इसका संचालन संभवतः उत्तराखंड में इस प्रकार का पहला प्रयास होगा। अपने प्रथम चरण में हम स्वयं को हिन्दी तथा अंग्रेजी को परस्पर स्रोत तथा लक्ष्य भाषा पर केन्द्रित करेंगे।

महत्व एवं प्रासंगिकता

इस पाठ्यक्रम का महत्व पिछले बीस वर्षों में उत्तरोत्तर बढ़ा है। दुनिया विभिन्न माध्यमों में निकट आई है। इस पाठ्यक्रम के महत्व को निम्न दो क्षेत्रों में विशेष रूप से आंका जा सकता है।

1. कामकाजी अथवा प्रयोजन मूलक

सरकारी कामकाज में हिन्दी का प्रयोग देश के अधिकांश हिन्दी भाषी क्षेत्रों में किया जाता है, किन्तु दक्षिणी राज्य अंग्रेजी का प्रयोग करते हैं। केन्द्र सरकार में कामकाज हिन्दी-अंग्रेजी दोनों भाषाओं में किया जाता है। उच्च तथा उच्चतम न्यायालय पूर्णतः अंग्रेजी में कार्य करते हैं। इस स्थिति में लगभग सभी सरकारी कार्यालयों में स्तरीय एवं प्रशिक्षित अनुवादकों की आवश्यकता होती है। यह पाठ्यक्रम इस क्षेत्र में रोजगार की एक नई दिशा खोलता है। इस रूप में यह डिप्लोमाकोर्स पूर्णतः रोजगारपरक शिक्षा प्रदान करता है। विश्वविद्यालय अनुदान आयोग की नवीन नीतियों में रोजगारपरक शिक्षा को सर्वाधिक महत्व दिया गया है। इसके अतिरिक्त बैंकों तथा कारपोरेट जगत में भी अनुवादकों की आवश्यकता होती है।

2. रचनात्मक अथवा साहित्यिक

ज्ञान का संवर्द्धन एवं विकास उसके आदान-प्रदान से सम्भव होता है। इस आदान-प्रदान में अनुवाद की आधार भूमिका है। संसार भर का साहित्य एवं दर्शन भाषान्तरण से सभी भाषाभाषियों तक पहुंचता है। कई प्रकाशन संस्थानों, दूतावासों, पत्रिकाओं, समाचार-पत्रों को इसके लिए प्रशिक्षित अनुवादकों की आवश्यकता होती है। इस क्षेत्र में रोजगार के कई अवसर यह डिप्लोमा कोर्स उपलब्ध कराता है।

मशीनी अनुवाद

बहुधा यह तर्क दिया जाता है कि कम्प्यूटरीकरण के युग में अब अनुवादकों की उतनी आवश्यकता नहीं है, यह कार्य कम्प्यूटर द्वारा भी हो सकता है। यह तर्क कतई व्यवहारिक नहीं है। अनुवाद के लिए कई साफ्टवेयर भी अब उपलब्ध हैं किन्तु सभी तरह के अनुवादों में वे अब लगभग निरर्थक सिद्ध हुए हैं। मशीनी अनुवाद की समस्याओं पर अनुवाद के एक विशेषज्ञ डॉ. प्रकाश अभिमन्यु काम्बले ने डाक्टरेट की है। उनके शोध का सार यहां प्रस्तुत किया जा रहा है - अनुवाद मूल रूप से एक बौद्धिक प्रक्रिया है। जिसकी क्षमता केवल मनुष्य के पास है। अतः कोई भी कंप्यूटर पूरी तरह

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मानव बुद्धि की जगह नहीं ले सकता। “किसी एक भाषा से दूसरी भाषा में अनुवाद की प्रक्रिया मात्र शब्दों का अनुवाद नहीं है बल्कि यह एक विचार प्रक्रिया है, वाक्य, शब्द और अर्थ के स्तर पर प्राकृतिक भाषाओं में व्याप्त संदिग्धता को समझ कर जब तक रीतिबद्ध नहीं कर लिया जाता तब तक मशीनी अनुवाद की कल्पना भी नहीं की जा सकती।”¹ मशीनी अनुवाद में एक ओर प्राकृतिक बुद्धि और कृत्रिम बुद्धि की प्रक्रियाओं के मूल तत्वों का समावेश होता है दूसरी ओर संप्रेषण के सिद्धांतों, व्याकरण के नियमों और तर्क विज्ञान (logic science) के सिद्धांतों का भी समावेश होता है। मशीनी अनुवाद की समस्याओं को प्रमुख रूप से चार भागों में विभाजित किया जा सकता है।

2.1. अनुवाद पूर्व समस्याएँ (pre -Translation Problems)

2.2. अनुवाद की समस्याएँ (Translation Problems)

2.3. अनुवादोत्तर समस्याएँ (Post-Translation Problems)

2.4. अनुवादक की समस्याएँ (Translator/User problems)

मशीनी अनुवाद की समस्याएँ मशीनी अनुवाद में होने वाले घटकों के अकार्यक्षम व्यवहार के कारण उत्पन्न होती हैं। ये समस्याएँ कई बार मशीन में होने वाले प्रोग्राम के कारण उत्पन्न होती हैं, तो कई बार मानव निर्मित होती हैं जिन्हें हम निम्न रूप से देख सकते हैं।

2.1. अनुवाद पूर्व समस्याएँ:-

यह समस्याएँ मशीनी अनुवाद का कार्य करने से पहले आने वाली समस्याएँ हैं। भारत एक बहुभाषिक देश होने के बावजूद भारत की अधिकांश जनसंख्या निम्न आय रेखा में रहती है जिसमें कई लोग अनुवाद को अपना व्यवसाय चुनते हैं। ऐसे लोगों के लिए म.अनु. को आर्थिक रूप से उपयोग में लाना कठिन है। जैसे :- “MT is a very expensive endeavor, both in terms of the software development effort required and in terms of the linguistic resources which need to be assembled.”² दूसरी समस्या कंप्यूटर की सीमित उपलब्धता, उच्च कोटि के या तेज गति से कार्य न करने वाले कंप्यूटर हैं। इस परिस्थिति में उपयोगकर्ता/कर्मचारी को कंप्यूटर की जानकारी न होना या अनुवाद यंत्रों के संबंध में संपूर्ण जानकारी का अभाव भी एक अनुवाद पूर्व समस्या कही जा सकती है।

2.2 अनुवाद की समस्याएँ:- अनुवाद की समस्या प्रमुख रूप से अनुवाद की प्रक्रिया से जुड़ी हुई है। जिसे हम पुनः तीन भागों में विभाजित कर सकते हैं।

2.2.1 भाषा वैज्ञानिक समस्याएँ (Language problems)

2.2.2 व्याकरणिक समस्याएँ (Grammar problems)

2.2.3 भाषिक संसाधनों के उपयोग और निर्माण की समस्याएँ (for use and development of language tool)

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2.1 भाषा वैज्ञानिक समस्याएँ :- मशीनी अनुवाद में भाषा वैज्ञानिक समस्याओं (Linguistic problems In म.अनु.) को Harold Somers ने निम्न रूप से विभाजित किया है जिसमें भाषा विज्ञान की अधिकतर समस्याओं पर विस्तृत रूप से विचार होना चाहिए।³

2.1.1 समस्या विश्लेषक (प्राकृतिक भाषा संसाधन के लिए) problems Analysis
(Apply to all NLP):- (क) शाब्दिक(Lexical) (ख) वाक्यगत(Syntactic), (ग) अर्थगत(Semantic)

2.1.2. म.अनु.में व्यतिरेकी समस्याएँ. (Contrastive problems In MT)
(क) शब्दगत (Lexical), (ख) संरचनागत (Structural), (ग) संदर्भपरक (Representational),
(घ) शैली और प्रोक्तिपरक(problems in Style/Register)
(ङ) अर्थगत भिन्नता (conceptual differences), (ढ) शाब्दिक अस्पष्टता (Lexical gaps)

1. Structural divergence linked to lexical differences
2. Structural divergence linked to grammatical differences
3. Level shift: - Similar grammatical meanings conveyed by Different devices

2.1.3 शाब्दिक विश्लेषण(Lexical Analysis)

2.1.3.1 विखंडिकरण प्रक्रिया (Segmentation)

2.1.1.1 रूप विज्ञान की (In Morphology):-

1. प्रकार्यात्मक रूपविज्ञान(Functional Morphology)
2. व्युत्पादक रूपविज्ञान (Derivational Morphology)
3. द्विअर्थी रूपविज्ञान(Ambiguous Morphology)

2.1.3.3 अपरिचित शब्द (Unknown words):- Misspelled, spelling, not in Dictionary, because it a regular derivation, proper name, Compound

2.1.3.4 शाब्दिक अस्पष्टता (Lexical Ambiguity) :-

“(1) संरचनात्मक (Structural) बनाम (असंरचनात्मक) Unstructured

(2) (वास्तविक)Real बनाम (संयोगी)Accidental

(3) (सीमित)Local बनाम वैश्विक(Global)

(4) विश्लेषित Analytical (ङ) वैश्विक अस्पष्टता Global Ambiguity

(5) सतही(Shallow) बनाम गहन अस्पष्टता (Deep Ambiguity) :-

अन्वादेशक Anaphora, (उदय)Raising, (कारक)Case-

रूपरेखा आधारित अस्पष्टता(Frame ambiguity), (परिणाम सूचक)

Quantifier and कर्ता आधारित (operator scope)”4

2.1.3.5 अस्पष्ट कोटियाँ (Category Ambiguities):-

1) अनेकार्थक शब्द (Homonymy):- (समध्वन्यात्मक शब्द) Homophones, Homographs (समान लिपि वाले शब्द) (proper names : - many proper names form Homonyms with meaningful words)

2). समोच्चारित शब्द :- (Polysemy) ये भाषिक समस्यायें मानव द्वारा किये जाने वाले अनुवाद में भी समान रूप से दृष्टिगत (निर्मित) होती हैं।

2.2 व्याकरणिक समस्याएँ:- मशीनी अनुवाद के लिए जिस प्रकार के व्याकरणिक मॉडल की जरूरत होती है वह स्वरूप परंपरागत व्याकरणिक मॉडल से भिन्न होता है। जिससे मशीनी अनुवाद के प्रकारों के अनुसार ही म.अनु. के उपयोग में व्याकरण के प्रकार भी अलग-अलग दिखाई देते हैं। जिसमें से कुछ इस प्रकार हैं “FUG (kAY-1984), HPSG(Polard and Sag-1994), LFG(Bresnans-1982), TAG (Joshi and Schabales-1992), Panini Grammar”5 समस्याओं की इन कोटियों में भाषिक और व्याकरणिक समस्याएँ सबसे अधिक जटिल होती हैं।

2.3 भाषिक संसाधनों के उपयोग और निर्माण की समस्याएँ:- किसी एक म.अनु. के निर्माण में लाए गए सभी भाषिक साधन (Language Tools (LTs)) किसी दूसरी भाषा के मशीनी अनुवाद यंत्र निर्माण के उपयोग में आएंगे यह निश्चित रूप से नहीं कहा जा सकता है। भाषिक संसाधनों की यह समस्या भाषाओं की असमान संरचना के कारण उत्पन्न होती है। यह निर्माण कार्य कई जगह होता है। पाश्चात्य देशों में यह कार्य काफी तेजी से हो रहा है।

2.3.अनुवादेत्तर समस्याएँ:- कुछ ऐसी समस्याएँ भी होती हैं जो अनुवादेत्तर तो होती हैं लेकिन अप्रत्यक्ष रूप से उनका संबंध अनुवाद से ही होता है जिसे हम उपेक्षित (ignore) नहीं कर सकते। म.अनु. के संदर्भ में प्रयुक्त सभी भाषिक संसाधन; किसी अन्य (दूसरी) भाषा के मशीनी-अनुवाद-यंत्र के निर्माण में प्रयुक्त होंगे यह निश्चित नहीं कहा जा सकता। किसी भी मशीनी अनुवाद के निर्माण में आने वाली समस्याएँ केवल अनुवाद से ही जुड़ी नहीं होती अपितु अन्य बहुत सी समस्यायें भी होती हैं, जैसे –

2.31.1 यांत्रिक (कंप्यूटर) समस्याएँ

2.3.1.2 अभिकलनात्मक भाषाविदों की अनुपस्थिति की समस्या

2.3.1.3 कंप्यूटरी कृत भाषा और प्रोग्राम को समझने की समस्या

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मशीन द्वारा मिलने वाला (output(OP)) निर्गत पाठ (Formed language) कृत्रिम भाषा में मिलता है। जिसको मानवीय भाषा में लाकर व्यवस्थित रूप प्रदान करने के लिए मशीनी अनुवाद में कोई भाषिक साधन उपलब्ध नहीं है।

2.4. अनुवादक की समस्याएँ :-

प्रत्येक समस्या का प्रभाव अनुवाद पर होता है लेकिन कुछ समस्याएँ मूल रूप से अनुवादक/प्रयोगकर्ता की होती हैं। अनुवाद पूर्व या अनुवाद के बाद निर्गत पाठ में कोई समस्या उत्पन्न हो जाने पर अनुवाद यंत्र ठीक करने के लिए म.अनु. का उपयोग कर रहे उपभोक्ता को मशीन में सुधार के लिए मशीनी अनुवाद यंत्र निर्माण करने वाली संस्था से संपर्क करना पड़ेगा। समस्या किसी भी प्रकार की हो प्रयोगकर्ता स्वयं अनुवाद यंत्र ठीक नहीं कर सकता। इन समस्याओं के साथ मशीन ही नहीं अनुवादक/उपयोगकर्ता (Translator/user) भी जूझता है। मशीनी अनुवाद में समस्यायें तो बहुत हैं जिन पर एक विस्तृत चर्चा की आवश्यकता है। मशीनी अनुवाद की समस्याएँ भाषाओं के साथ कुछ भाषिक कारणों से बदल जाती हैं, लेकिन इनकी मात्रा कुछ हद तक कम होती है। पाश्चात्य देशों में संगणक भारत से कई वर्ष पूर्व आया जिसका उपयोग पाश्चात्य भाषा वैज्ञानिक और संगणक विज्ञानियों ने भली-भाँति समझ कर भाषा विश्लेषण के लिए संगणक का उपयोग किया। यह कार्य भारतीय मशीनी अनुवाद कार्य के शुरु होने से लगभग पच्चीस वर्ष पूर्व हुआ। जिसका परिणाम आज यह हुआ है कि भारत में मशीनी अनुवाद पर कार्य कर रहे विद्वान पाश्चात्य मशीनी अनुवाद यंत्रों को स्रोत यंत्रों के रूप में देखते हैं।

बुनियादी आवश्यकताएँ

1. इस पाठ्यक्रम के संचालन हेतु आरम्भ में हिन्दी अनुवाद तथा अंग्रेजी अनुवाद के दो विशेषज्ञ प्राध्यापकों की आवश्यकता होगी।
2. एक प्राध्यापक कक्ष तथा एक कक्षाकक्ष से आरम्भ किया जा सकता है, किन्तु प्रयोगशाला-पुस्तकालय आदि के लिए शीघ्र ही इसमें विस्तार करना होगा।
3. एक तृतीय तथा एक चतुर्थ श्रेणी कर्मचारी की आवश्यकता होगी।

अवधि एवं पाठ्यक्रम निर्धारण

प्रस्तावित डिप्लोमा एक वर्ष अवधि का होगा। हिन्दी विभाग, डी.एस.बी. परिसर निर्देश होने पर दो महीने के अन्दर पाठ्यक्रम तैयार कर लेगा।

2. भाषा प्रयोगशाला के प्रस्ताव की योजना विभागीय स्तर बनाई जा रही है।

3. हिंदी में शोध एवं रचनात्मक लेखन के लिए विभागीय स्तर पर प्रकाशन की सुविधा उपलब्ध कराने की योजना है। इस क्रम में डॉ. शिरीष कुमार मौर्य एक ब्लागपत्रिका 'शोध एवं रचना' का संपादन अभी कर रहे हैं, जिसका URL: shidhrachna.blogspot.com है।

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1. Name of the Department

Hindi

2. Year of Establishment

1951

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

M.Phil.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	Nil	03 (CAS)
Associate Professors	Nil	Nil	02 (CAS)
Asst. Professors	8	6	3
Others	Nil	Nil	2

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. S.S. Bisht	M.A., Ph.D., D.Litt.	Professor & Head of Deptt.	काव्यशास्त्र, भक्तिकाव्य, सुमित्रानंदन पंत,	38	03
Dr. D.S. Pokharia	M.A., Ph.D., D.Litt.	Professor	लोकसाहित्य, छंदशास्त्र, छायावादी काव्य,	38	10
Dr. J.S. Bisht	M.A., Ph.D.,	Professor	मैथिलीशरण गुप्त, आधुनिक साहित्य,	25	06
Dr. Sunita Gururani	M.A.	Associate Professor	आधुनिक साहित्य,	36	Nil
Dr. Geeta Kholia	M.A., Ph.D.,	Associate Professor	आधुनिक साहित्य, महिला लेखन, सौन्दर्यशास्त्र,	30	Nil
Dr. Priti Arya	M.A., Ph.D.,	Assistant Professor	कुमाउनी लोक साहित्य, दलित साहित्य	10	Nil
Dr. Mamta pant	M.A., Ph.D., NET	Assistant Professor	मनोहरश्याम जोशी, आधुनिक कथा साहित्य	05	Nil
Dr. Tejpal Singh	M.A., Ph.D., U-SET	Assistant Professor	आधुनिक कथा साहित्य	08	Nil
Dr. Bachan Lal	M.A., Ph.D.,	Teaching Personal	कथा साहित्य	07	Nil
Dr. Roopa Arya	M.A., Ph.D., NET	Teaching Personal	निबंध साहित्य	02	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- 1- प्रो. सुधाकर सिंह, हिंदी विभाग, बी०एच०यू०, बनारस
- 2- प्रो. उषा सिन्हा, बी-181, इन्दिरा नगर कालोनी, लखनऊ
- 3- प्रो. हौसिला प्रसाद सिंह, 106/7, हवेलिया पाण्डे आवास कालोनी, इलाहाबाद
- 4- प्रो. एस. पी. दीक्षित, डी-54, निराला नगर, लखनऊ
- 5- प्रो. नवीन लोहनी, अध्यक्ष-हिंदी विभाग, मेरठ विश्वविद्यालय, मेरठ
- 6- प्रो. हरिमोहन, निदेशक, के०एम० इंस्टीट्यूट, आगरा
- 7- प्रो. विजय कुलश्रेष्ठ, 73/180, मानसरोवर, जयपुर
- 8- प्रो. गोविन्द सिंह, पत्रकारिता विभाग, उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी
- 9- प्रो. भगवान देव पाण्डे, हिंदी एवं पत्रकारिता विभाग, गुरुकुल कांगड़ी विश्वविद्यालय, हरिद्वार
- 10- डॉ. वीरेन्द्र डंगवाल, 189, सिविल लाइन्स, बरेली ।

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13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

01 (Vacant)

16. Research thrust areas as recognized by major funding agencies

- हिंदी भाषा एवं हिंदी साहित्य, भाषा विज्ञान, लोक साहित्य, कुमाउनी भाषा, कुमाउनी लोक साहित्य, आलोचना आदि।
- Major funding agencies – UGC, ICSSR, IT (Uttarakhand)

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	127
• Monographs	NA

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• Chapters in Books	NA
• Edited Books	03
• Books with ISBN with details of publishers	18
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 100% in pre Ph.D. Course & 25% in M.A. IV Semester.
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA

प्रो० शेरसिंह बिष्ट को प्राप्त पुरस्कार/सम्मान/अवार्ड :

1. विवेक गोयल साहित्य पुरस्कार, (2009), विवेक गोयल साहित्य पुरस्कार समिति, बरेली, (सम्मान स्वरूप दस हजार रुपये की धनराशि, शॉल, सम्मान-पत्र, प्रतीक चिह्न)।

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2. महाकवि हरिशंकर आदेश साहित्य-चूड़ामणि सम्मान, (2009), अखिल भारतीय साहित्य कला मंच, मुरादाबाद, (सम्मान स्वरूप सात हजार रुपये की धनराशि, शॉल, सम्मान-पत्र, प्रतीक चिह्न)।
3. मोहन उप्रेती शोध समिति सम्मान, (2010), मोहन उप्रेती लोक संस्कृति कला एवं विज्ञान शोध समिति।
4. देवसुधा रत्न अलंकरण सम्मान, (2010)।
5. डॉ० गोविन्द चातक सम्मान, (2011), उत्तराखण्ड भाषा संस्थान, देहरादून, (सम्मान स्वरूप पच्चीस हजार रुपये की धनराशि, सम्मान-पट एवं शॉल)।
6. शेरसिंह बिष्ट 'अनपढ़' कविता पुरस्कार, (2013), कुमाउनी भाषा, साहित्य एवं संस्कृति प्रचार समिति, कसारदेवी, अल्मोड़ा, (सम्मान स्वरूप पाँच हजार एक सौ रुपये की धनराशि, सम्मान-पट, शॉल, प्रतीक चिह्न)।
7. हिलांस अवार्ड-2013, स्व. अर्जुनसिंह गुसाई स्मृति दशक समिति, मुंबई, (सम्मान स्वरूप पाँच हजार एक सौ रुपये की धनराशि, सम्मान-पट, शॉल, प्रतीक चिह्न, (9 नवम्बर 2013)।

प्रो० देवसिंह पोखरिया को प्राप्त पुरस्कार/सम्मान/अवार्ड :

1. साहित्यकार गोपाल उपाध्याय सम्मान, 2010, लखनऊ।
2. उत्तराखण्ड पत्रकार एवं साहित्यकार समिति गरुड़, बागेश्वर द्वारा कुमाउनी भाषा एवं लोक साहित्य में उत्कृष्ट कार्य हेतु वर्ष 2011 में सम्मानित।
3. डॉ० गोविंद चातक सम्मान, 2010-11, उत्तराखण्ड भाषा संस्थान, देहरादून।
4. मोहन उप्रेती लोक कला एवं संस्कृति सम्मान, 2012, अल्मोड़ा।
5. समग्र साहित्यिक कार्यों के लिए आर्य समाज परिषद्, अल्मोड़ा द्वारा सम्मानित 2012

डॉ० प्रीति आर्या को प्राप्त पुरस्कार/सम्मान/अवार्ड :

1. वीरागंगा सावित्री बाई फूले राष्ट्रीय सम्मान 2009, भारतीय दलित साहित्य अकादमी दिल्ली।
2. अम्बेडकर विद्वता राजकीय सम्मान 2010, दलित साहित्य एवं सांस्कृतिक अकादमी (भारत), देहरादून।

- Doctoral / Post-Doctoral fellows
- Students

NA

• JRF:

- मनीषा पांडे
- पवनेश ठकुराठी
- छत्रपति पंत

• Rajeev Gandhi Fellowship :

- कु० रूपा आर्या
- कु० आशा शैली
- कु० सोनिका रानी

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30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- वर्तमान दौर में पुस्तकों की प्रासंगिकता 23, अप्रैल 2012
- राष्ट्रीय कार्यशाला, 12-13 जून 2012
- उत्तराखंडी समाज और जनजातियां: भाषिक एवं सामाजिक संदर्भ, 27-28 अप्रैल 2013
- उत्तराखंड के साहित्यकार , 20-21 मई 2013

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET
सामान्य श्रेणी— 1. मनीषा पांडे 2. चंद्रकांत तिवारी 3. राजीव जोशी
अनुसूचित जाति — 1. रूपा आर्या 2. पुष्पा
अन्य पिछड़ा वर्ग — 1. ममता पंत 2. वंदना चंद
- U-SET
सामान्य श्रेणी— 1. रीता तिवारी
अन्य पिछड़ा वर्ग — 1. शांति चंद

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35. Student progression

Student progression	Percentage against enrolled
UG to PG	90%
PG to M.Phil.	NA
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	NA
Employed	NA
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	90%
from other universities within the State	10%
from universities from other States	NA
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

TWO

38. Present details of departmental infrastructural facilities with regard to

a) Library	NA
b) Internet facilities for staff and students	NA
c) Total number of class rooms	02
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
• M.Phil - 02	
• Ph.D. -19	

शोध निर्देशक : प्रो० शेर सिंह बिष्ट :

1. कु. नीलम डोर्वी— बलवंत मनराल का रचना संसार : एक अनुशीलन, (2010),
2. आनन्द सिंह फर्त्याल —शैलेश मटियानी के कथा साहित्य का समाजशास्त्रीय अध्ययन, (2012),
3. कु. अंजु बाला— आचार्य नामवर सिंह : व्यक्तित्व एवं कृतित्व, (2012), ।

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शोध निर्देशक : प्रो० देवसिंह पोखरिया:

1. श्री मनोज कुमार सिंह—भुवनेश्वर के नाटक साहित्य में अभिव्यक्त जीवन दर्शन एवं शिल्प विधान 2010
2. श्री राजीव जोशी—हिमांशु जोशी : कथ्य एवं शिल्पगत नए आयाम 2010
3. श्री कैलाश चंद्र सिंह नयाल—डॉ० गंगाप्रसाद 'विमल' के कथा साहित्य में अभिव्यक्त सामाजिक एवं सांस्कृतिक चेतना 2010
4. श्रीमती वंदना मनकोटी—शिवानी के कथा साहित्य में अभिव्यक्त सामाजिक और सांस्कृतिक चेतना 2011
5. श्री सतीश चंद्र —देवेंद्र उपाध्याय : व्यक्तित्व एवं कृतित्व 2011
6. श्री करनैल सिंह इक्कीसवीं शदी के बाल साहित्य में मूल्यबोध 2012
7. श्री संदीप कुमार—साठोत्तरी कथा साहित्य में मूल्यबोध 2012
8. कु० शांतिचंद्र —कुमाऊँ की स्थाननामवाची शब्दावली का अध्ययन 2012
9. श्री प्रमोद कुमार कांडपाल— कुमाउनी बोलियों का तुलनात्मक अध्ययन 2012
10. श्री हितेंद्र कुमार— राम निवास मानव : व्यक्तित्व एवं कृतित्व 2013

शोध निर्देशक: प्रो० जगतसिंह बिष्ट

1. श्रीमती ममता पंत — मनोहरश्याम जोशी का कथा साहित्य : कथ्य एवं शिल्प, 2009
2. मंजू जोशी — रमेशचंद्र साह का कथा साहित्य, 2010
3. श्रीमती अर्चना मौर्य — बाबा नागार्जन के उपन्यास साहित्य में युग चेतना, 2010
4. कु० ममता मेहता — मृणाल पाण्डे का कथा साहित्य, 2011
5. श्री गणेशचंद्र काण्डपाल — बटरोही : व्यक्तित्व एवं कृतित्व, 2011
6. कु० रूपा आर्या — आचार्य रामचंद्र शुक्ल का निबंध साहित्य, 2012

b) from other institutions/universities

NA

40. Number of post graduate students getting financial assistance from the university.

TWELVE

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- अनुवाद, प्रयोजनमूलक हिंदी, कुमाउनी भाषा, आदि में डिप्लोमा कोर्स

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

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43. List the distinguished alumni of the department (maximum 10)

1. कु० ममता गहतोड़ी
2. कु० दीपा
3. गिरीश चन्द्र
4. बिहारीलाल विश्वकर्मा
5. कु० सुशीला वाणी
6. ललित कुमार
7. कु० अंजलि नगरकोटी
8. कु० पूनम चम्याल
9. कु० गुंजन डालाकोटी
10. बालम सिंह

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

NA

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

- साहित्यिक एवं सांस्कृतिक क्रियाकलाप, हिंदी परिषद के कार्यक्रम, एन०एस०एस०, वाद-विवाद प्रतियोगिता

48. Give details of “beyond syllabus scholarly activities” of the department.

- साहित्यिक गतिविधियां तथा विभिन्न प्रतियोगिता की तैयारी करवाना

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- पुस्तक लेखन, शोध-पत्र एवं लेख, कार्यशाला, संगोष्ठी, पत्रिका प्रकाशन आदि।

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51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Major Strengths-**

1. शोध ग्रंथ
2. सृजनात्मक लेखन
3. शोध-परियोजना
4. शोध निर्देशन
5. सेमिनार/कार्यशाला

- **Weaknesses-**

1. प्राध्यापक कक्षों का अभाव
2. शिक्षण कक्षों का अभाव
3. पेयजल की समस्या
4. शौचालय की समस्या
5. वाचनालय का अभाव

52. Future plans of the department.

1. हिमालयन लोक साहित्य संस्थान की स्थापना
2. रोजगारपरक पाठ्यक्रम
3. हिंदी भाषा-शिक्षण
4. रेडियो प्रोग्रामिंग
5. लोक साहित्य संग्रहालय

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1. Name of the Department

Home Science Department, DSB Campus

2. Year of Establishment

1989

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- Home Science as a subject at UG Level (BA)
- MA Home Science (self-finance mode) from (2007-2012)
- Ph.D. Home Science – started from 2011

5. Interdisciplinary programmes and departments involved

- Department is coordinating seven diploma courses under IGNOU
- Department is supporting the diploma courses functioning in Uttarakhand Open University

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

- The course PG Home Science (M.A. Home Science) functioning under Self Finance mode was discontinued due to lack of financial and Human Resources

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Annual System at UG Level
- Semester System at PG Level

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	01	01	--
Asst. Professors	01	01	--

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Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
1. Dr. Lata Pande	Ph.D. Home Science	Associate Professor	Food and Nutrition	25	04
2. Dr. Chhavi Arya	Ph.D. Human Nutrition	Assistant Professor	Food and Nutrition	09	04

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. Abha Ahuja, College of Home Science,
G.B.Pant University of Agriculture & Technology,
Pant Nagar.
- ii. Prof. Alka Goel,
Deptt of Clothing & Textile
College of Home Science,
G.B.Pant University of Agriculture & Technology,
Pant Nagar.
- iii. Dr. Rekha Naithani
Associate Prof. Home Science Deptt
HNB Gharwal university,
A Central University Pauri Gharwal.
- iv. Dr. Anuradha Datta
Professor Food and Nutrition Department
College of Home Science,
G.B.Pant University of Agriculture & Technology,
Pant Nagar

13. Percentage of classes taken by temporary faculty – programme-wise information

- One contract faculty appointed under self-finance mode is teaching 04 courses per semester at PG level and 02 courses per year at UG level and Actively participates in all departmental activities

14. Programme-wise Student Teacher Ratio

- UG =36:1
- (2011-12) PG =15:1

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Lab Bearer - 01
- Clerk - 01
- Lab Assistant - 01

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

• State recognition	YES
• national recognition	NA
• international recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	05/05
• Monographs	NA
• Chapters in Books	01
• Edited Books	01
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees
 - Faculty serving as Member for state level committee working for the empowerment of Adolescent girls.
- b) International committees
 - Reviewer of Malaysian Journal of Nutrition.
- c) Editorial Boards
 - Department faculty Member of editorial board of Uttarakhand Open University.
- d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Orientation Programme -01
- Refresher Course -03

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 30 % students at PG Level.
- percentage of students doing projects in collaboration with other universities / industry / institute 2%

29. Awards / recognitions received at the national and international level by

- Faculty UCOST young scientist award (two Co-authored papers awarded in the years 2008 and 2013)
- Doctoral / Post-Doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- One work shop entitled – हिमालयी औषधिय खद्यान्नों में आहार महिला स्वावलन एवं रोजगार conducted by the department.

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.A. Home Science	Application received at campus level	--	--	--	--
M.A. Home Science	Per year 10 to 12 applications received	--	--	--	99%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG Home Science	96%	2%	2%	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- Students cleared SET - 02
- Students cleared NET - 03

35. Student progression

Student progression		Percentage against enrolled
UG to PG		25%
PG to M.Phil.		--
PG to Ph.D.		21%
Ph.D. to Post-Doctoral		--
Employed		
☐	Campus selection	50%
☐	Other than campus recruitment	20%
Entrepreneurs		--

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	--
from other universities within the State	100%
from universities from other States	--
from universities outside the country	--

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- Ph.D. -- 01

38. Present details of departmental infrastructural facilities with regard to

a) Library:	Departmental Library Available
b) Internet facilities for staff and students:	Internet facility to staff and students is available at book bank and University Library.
c) Total Number of class rooms:	02
d) Class rooms with ICT facility:	Nil
e) Students laboratories:	01
f) Research laboratories:	Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

- 02 students are receiving UGC-NET-JRF fellowship

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- In the past M.A. Home Science was initiated by the department-Observing willingness of UG Final Year students.

42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
Feedback is taken from faculty members on course up gradation and recent advances in the field, thereafter appropriate changes are made in course outline.
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

Regular feedback is taken from students on suitability of teaching methods, course curriculum, projects, practical and other assignments, are also taken into account and appreciate changes are made.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- 30 Master trainees (students) trained during workshop entitled, 'हिमालयी औषधीय खाद्यान्नों से आहार, महिला स्वावलंबन एवं रोजगार' the same work shop conducted in the two other location one at Bhimtal and the other at Padampur where women entrepreneur were trained.
- Special lectures are delivered in the department by eminent Professors.
- The department encourages students to participate in seminars, conferences and workshops.

45. List the teaching methods adopted by the faculty for different programmes.

- Black Board
- Presentation ppt.
- Assignment & Projects

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Learning outcomes are monitored through students' performance in exams and through alumni performance.

47. Highlight the participation of students and faculty in extension activities.

- Survey work in Urban & Rural Area of Nainital
- Group Discussions
- Community Education Programme at Departmental level

48. Give details of “beyond syllabus scholarly activities” of the department.

- Extension activities with the help of students in rural and urban areas in the field of health hygiene and nutrition, community education etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF HOME SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Applied knowledge for adolescent girls and women being generated by the Department.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

i. Strengths:

- High quality academic programme at UG & PG
- Department has excellent reputation
- Students interest in departmental programme is strong
- Faculties & non-teaching staff are highly involved in their professional field.
- Strong focus on quality teaching

ii. Weaknesses:

- Lack of space for further development.
- Lack of Teaching & Non teaching technical faculty.
- Lack of Modern method for improving education (i.e. smart class room, on line Literacy facility)
- In adequate & aging facilities (lab, teaching room, workshop)

iii. Opportunities:

- Infuse in student the values and importance of duty, social responsibility of department.

iv. Challenges:

- Post graduate programme in regular mode to avoid Economic stress and enhance equal opportunity in education.
- We have the opinion to use our reputation for quality programme in P.G.in regular mode that will ease the financial burden of students.
- Synergic relation with industry eg food industry, textile industry and fashion houses for technology transfer.
- Development of fully furnished lab for class teaching/particals, research and training activities for development of entrepreneurial skills.

52. Future plans of the department.

- i. Initiation of P.G. Program in Home Science in regular mode to avoid economic stress and enhance equal opportunity in education.
- ii. Development of fully furnished lab for class room teaching, practicals, and research and training activities.
- iii. Conducting workshops for rural women for the development of entrepreneurial skills.
- iv. Establishment of counselling cell dealing with aspects of health, nutrition, sanitation etc.
- v. More emphasis on research activities.

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

1. Name of the Department

Department of Journalism and Mass Communication

2. Year of Establishment

2006-07

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- i. Masters of Journalism and Mass Communication (Self-Financed)
- ii. Post Graduate Diploma in Journalism and Mass Communication (Regular)
- iii. Ph.D. course (starting from 2015)

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester system as per University rules

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	01	01	--
Asst. Professors	01	01	--
Others	--	--	--

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali-fication	Desig-nation	Speciali-zation	No. of Years of Expe-rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Girish Ranjan Tiwari	M.Sc, MBA, M.A. (Mass Communication, PG Diploma in Tourism, PhD	Associate Professor	Print Media, Newspaper Management, Media Laws, Advertising	09	Nil
Poonam Bisht	M.A.(Journalism and Mass Communication, UGC Net (JRF) qualified, PhD (Pursuing)	Assistant Professor	Communication Concept and Theories, Public Relations, Development Communication	04	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

30: 2

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sanctioned	Actual (including Filled)
Lab Assistant (01)	01

16. Research thrust areas as recognized by major funding agencies

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of Faculty	Name of the Funding Agency National/International)	Total Grants Received	Project Title	Duration of Project
Ms. Poonam Bisht	UGC (Minor Research Project)	Rs 95,000 (1st instalment)	Community Development Discourse: An Assessment of Communication Strategies of Sanitation Campaign in Mangoli Gram Panchayat (Bhimtal block)	18 months (Ongoing)

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

• State recognition	NA
• National recognition	NA
• International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	04
• Monographs	NA
• Chapters in Books	NA
• Edited Books	03
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus,	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	
• Dr. Girish Ranjan Tiwari (Associate Professor), Member, Expert Committee, Media Studies, Uttarakhand Open University	
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Ms. Poonam Bisht (Assistant Professor) successfully completed the UGC Orientation Programme at the Academic Staff College, Nainital held in May 2012.

28. Student projects

• percentage of students who have done in-house projects including inter-departmental projects	NA
• percentage of students doing projects in collaboration with other universities / industry / institute	NA

29. Awards / recognitions received at the national and international level by

- Faculty
 - Dr. Girish Ranjan Tiwari (Associate Professor)**
 - National Awards**
 - Received Public Felicitation from the State Finance Minister Dr. Indira Hridiyesh and District Administration, Nainital, on behalf of the Government of Uttarakhand, at 'Sharadotsav' (Autumn Festival) organized

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

in Nainital in October 2013. Dr. Tiwari was honoured by the state government for participating and receiving honour at the international level in the workshops organized in Hungary and Mauritius in 2013.

- b. Awarded by the Vice Chancellor Prof. H.S. Dhami of Kumaun University in 2013, for representing Kumaun University at the International level. Also awarded certificate of merit.
- c. Awarded 'Uttarakhand Ratn' for remarkable work in Media and Education in 2011.
- d. Awarded State RTI Award by State Information Commission, Uttarakhand, for promotion of RTI through Articles, Seminars and Workshops in 2011.
- e. Felicitated by honorable Chief Minister, Uttarakhand, for various achievements in the field of Journalism and RTI. 2011.
- f. Awarded International 'Bharat Samman Award' for excellence in Media and Education by NRI Association.
- g. Felicitated by Amar Ujala for best performance in Kumaon region.
- h. Felicitated by Uttarakhand Urdu Kalamkar Samiti for contribution to journalism.

ii. International Awards

- a. Received International Award from Indian Envoy Mr. Shiv Shanker Gupta at a workshop organized at Budapest, Hungary, in June 2013, for special contribution to Hindi Journalism and Hindi Language. Also presented a research paper at the workshop.
- b. Received special honour from the Culture Minister of Mauritius Mr. Mukeshwar Chunni for contribution to Hindi Journalism at a programme organized in Mauritius in October 2013. Also presented a research paper at the workshop in Mauritius. Mauritius President launched the book authored by Dr. Tiwari at a special programme in the President's House.

- Doctoral / Post-Doctoral fellows NA
- Students
 - i. **Mr. Manees Pandey (Student of Masters of Journalism and Mass Communication 2011-13)**
 - a. Awarded second prize in the debate competition based on the Intellectual Property Rights organized at the Department of Physics, D.S.B. College Campus, Kumaun University, Nainital in 2012.
 - b. Awarded second prize in the Essay Writing Competition held on the occasion of Geeta Jayanti organized by the Department of Sanskrit, D.S.B. College Campus, Kumaun University, Nainital in 2013.
 - c. Awarded Special Achievement Prize for representing Kumaun University at the National Debate Competition organized at the G.B. Pant University, Pantnagar in 2013.
 - d. Awarded second prize in the Inter-University Elocution Competition held at Uttarakhand's first Youth Festival organized at the Doon University, Dehradun in 2013.
 - e. Awarded first prize in the Essay Writing Competition held on the occasion of Geeta Jayanti organized by the Department of Sanskrit, D.S.B. College Campus, Kumaun University, Nainital in 2012.

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

ii. Ms. Deepika Negi (Student of Masters of Journalism and Mass Communication 2012-14)

- a. Awarded first prize in the Garhwali Poetry Reciting Competition held at Uttarakhand's first Youth Festival organized at Doon University, Dehradun in 2013.
- b. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.
- c. A workshop based on the theme "The Challenges faced by Hindi Language in the Present Times" was organized on April 24, 2014, in collaboration with the Department of Hindi, D.S.B. College Campus, Kumaun University Nainital. Professor Usha Sinha, former Head, Department of Hindi, Lucknow University, was the chief speaker at the event.
- d. A workshop based on the theme "The Evolution of Indian Media in the Post-Independence era and the Challenges faced by the Journalists in the Digital Age" was organized by the Department of Journalism and Mass Communication, D.S.B. College Campus, Nainital, on December, 2013. Mr. Siddharth Mishra, Consulting Editor, Millennium Post magazine delivered lecture to the students.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Masters of Journalism and Mass Communication	40	25	15	99	99
PG Diploma in Journalism and Mass Communication	85	53	32	99	100

- Masters of Journalism and Mass Communication (Self-Financed)
- Post Graduate Diploma in Journalism and Mass Communication (Regular)
- Ph.D. course (starting from 2015)

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Masters of Journalism and Mass Communication	85	10	05	Nil
PG Diploma in Journalism and Mass Communication	80	05	15	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	--
from universities from other States	--
from universities outside the country	50%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

38. Present details of departmental infrastructural facilities with regard to

a) Library	The Department presently has a self-sufficient library. About 220 books, penned by the eminent authors, comprising the course-related content and the relevant topics of the latest origin, have been procured since 2011, which are available to the students. The total number of books in the department library now stands at 518.
b) Internet facilities for staff and students	NA Owing to the infrastructural restraints, out of the two computers provided to the department by the University, the students are allowed to use one computer for their presentations and other academic work, while the other one is used by the department administrative staff for office work.
c) Total number of class rooms	01
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

- As per the University norms, the students of the weaker sections of the society and the SC/ST/OBC categories are assisted with financial aid by the Dean of Students Welfare at the University Campus level.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- The syllabi of the two presently-run courses, Masters of Journalism and Mass Communication (MJMC) and Post Graduate Diploma in Journalism and Mass Communication (PGDJMC), has been twice revised in accordance with the syllabi pattern recommended by the UGC. As per the University rules, the syllabi was revised with due approval and recommendation of the esteemed Board of Studies. Both courses run on the semester pattern as instructed by the UGC.

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NA
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Eminent journalists from both print and electronic media, academicians, language experts and other personalities from the allied discipline visit the department on regular basis for guest lectures. Mr. Sunil Shah, Editor, Amar Ujala, Haldwani, Dr. Sadanand Date, S.S.P. Nainital, Mr. Dinesh Mansera, Senior Correspondent, NDTV India, Mr. Hemant Rawat, Correspondent, Sahara Samay, Mr. Navin Joshi, Bureau Chief, Sahara Samay Newspaper, Nainital, Mr. Rahul Shekhawat, Senior Correspondent, ETV News Channel, Prof. Neerja Tandon, former Head, Department of Hindi, D.S.B. College Campus, Kumaun University, Nainital, Dr. Bhuwan Sharma, Department of History, D.S.B. College Campus, Kumaun University, Nainital, are among those who have visited the department and delivered lectures to students over the years.

45. List the teaching methods adopted by the faculty for different programmes.

- The faculty members devote a considerable time to provide guidance and counselling to the students on key areas such as career opportunities, improvement of communication skills, necessary tips to face job interviews, UGC NET/SLET examination preparation and key academic aspects.
- As recommended by the UGC, the Post Graduate curriculum of the Department not only covers the theoretical aspects, but it also ensures the preparation of the Project and Dissertation by the students. Under the Internal Assessment mechanism, the Post Graduate students are given practical and theoretical assignments on regular basis, besides making presentations in the class on different course-related topics.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The faculty members hold meetings on weekly basis to discuss various ways to improve the present system of teaching and to provide valuable learning atmosphere to the students, thereby enabling them to get maximum benefit out of the course.

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

47. Highlight the participation of students and faculty in extension activities.

- The Department undertakes initiatives on regular basis to send MJMC students for internship and training in various media outlets. Several students have got jobs in different media outlets in recent years.

48. Give details of “beyond syllabus scholarly activities” of the department.

- An Eco-friendly initiative was organized by the department in 2013 under which the Post Graduate students planted various plants in the University premises, taking vows to preserve and protect the environment.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. Optimum utilization of the limited resources.
 - ii. Whole-hearted involvement of department students in all important activities of the University such as organizing annual festivals etc.
 - iii. The faculty and staff members do not let the scarcity of resources thwart their quest to provide the best to the students.
 - iv. Both faculty members have wide professional media experience, which enables them to combine theoretical knowledge with practical teaching.
 - v. Cordial relations among faculty members, staff and students of the department.
- **Weaknesses:**
 - i. Shortage of classrooms, only one presently available.
 - ii. No separate cabins/seating spaces, furniture or other important facilities for faculty members.
 - iii. Unable to set up digital lab, production studio for the students due to shortage of funds.
 - iv. Lack of funds to procure new books and journals to strengthen library resources.
 - v. Lack of funds to conduct National seminars, conferences etc.

EVALUATIVE REPORT OF THE DEPARTMENT OF JOURNALISM & MASS COMMUNICATION, DSB CAMPUS

- **Opportunities**

- i. If provided with better facilities and funds, the Department can emerge as a major learning hub for the aspiring journalists in Kumaun region.
- ii. The Department can play an important role in providing professional training to the students from the interior areas of Uttarakhand if given funds to set up digital lab and production studio.
- iii. If better equipped, the department can invite major media organizations to hold campus interviews for Mass Media students.
- iv. The department can provide excellent platform to the professional journalists, language experts and aspiring journalists in the form of workshops etc, if provided with sufficient financial and strategic support.
- v. The Department can become a major media hub of Kumaun region if equipped with better resources.

- **Challenges:**

- i. To impart best training to students with limited resources.
- ii. To encourage students from the rural most areas of the state to shed their inhibitions and improve their communication skills.
- iii. To deal with shortage of funds to set up a better resourced library and digital lab.
- iv. To fulfil its aim to become a major media training centre of the state in the coming years.
- v. To help students of Uttarakhand to overcome their shyness and be ready to face the challenges of a media career.

52. Future plans of the department.

- The department aims to set up a digital lab equipped with Computers and Internet facility (Wi-Fi enabled) in the coming years after the availability of necessary funds.
- It also aims to set up a fully-advanced audio-video section and a digital processing and production studio to provide hands-on training to students for preparing news capsules, short films, documentaries etc.

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Music Department D.S.B Campus

2. Year of Establishment

1968

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Art

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG,PG,Ph.D

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

UG – Annual

PG – Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	NIL	-----
Associate Professors	NIL	NIL	-----
Asst. Professors	02	02	-----
Others	N/A	N/A	N/A

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr.Rekha Sah	M.A Ph.D	Assistant Professor	Vocal	09	02
Ravi Joshi	M.A ,M.Phil, U,G,C NET	Assistant Professor and Campus Head	Vocal	06	NIL
Gagandeep Hothi	M.A, M.Phil UGC NET-JRF	Assistant Professor	Sitar	11 months	NIL
Ashok Kumar	M.A, UGC NET	Assistant Professor	Tabla	11 months	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

1:15 (Approx.)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

01

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

NA

b) International collaboration

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

• State recognition	NA
• National recognition	NA
• International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	07
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

02

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty Sh.Ravi Joshi has been awarded “Aacharya Narendra Dev Alankar “ National award in the field of Classical Music 2013
- Doctoral / Post-Doctoral fellows NA
- Students Ms. Poonam Joshi has been awarded a Indira Gandhi Fellowship 2011

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

- The research work conducted in the department is completely innovative and original and a strict code of ethics is maintained in the department to prevent the use of any pirated material & a strict evaluation is done to prevent plagiarism.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G	86	04	82	100%	100%
P.G	71	07	64	--do--	--do--
Ph.D	06	01	05	--do--	--do--

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G	100%	NIL	NIL	NIL
P.G	100%	NIL	NIL	NIL
Ph.D	100%	NIL	NIL	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of the Student	Examination Cleared	Category
Himanshu Joshi	UGC-NET-JRF	General
Dwijesh Upadhayay	UGC-NET-JRF	General
Devendra Pant	UGC-NET	General
Pushkar Chandra	UGC-NET	General
Mukul Arya	UGC-NET	SC
Ashok Kumar	UGC-NET	SC
Lalita	UGC-NET	SC
Poonam Arya	U-SET	SC
Lalita	U-SET	SC

35. Student progression

Student progression	Percentage against enrolled
UG to PG	31%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	43
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	01
from other universities within the State	01
from universities from other States	02
from universities outside the country	NIL

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library:	NIL
b) Internet facilities for staff and students:	YES
c) Total number of class rooms:	04
d) Class rooms with ICT facility:	NIL
e) Students laboratories:	NIL
f) Research laboratories:	NIL

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- Km. Laxmi Dhasmana
 - Jasbeer Anand
 - Hema Dani
 - Lata Tiwari
 - Suchita Belwal
 - Kala Chand Mandal
- b) from other institutions/universities
- NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- As music is practically based subject it is mandatory for the teacher and students to follow a strict teaching-learning routine. Firstly a practical demonstration is given by the teacher. Later a rigorous practice session is arranged and it is made sure that the student maintains a hard copy of the learnt lesson in the form of musical notation.
 - The following day an individual assessment of each student is done in the form of a mini stage performance and thereafter the next teaching session commences.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- Every week (on Saturdays) a musical concert is organized in the department which is conducted and performed by the students themselves. These concerts clearly highlight

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

the bright and low features of each student's musical expressions which is later corrected and improved by the teacher for the betterment of the students.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback? YES

43. List the distinguished alumni of the department (maximum 10)

Name	Year of Joining	Year of Completion	Address	Current status /Post held
Dinesh Pathak	2008-2009	2009-2010	Govt, Inter college Lansdown	L.T Music Teacher
Swati Sah	2008-2009	2009-2010	Govt, Inter college Chaam	L.T Music Teacher
Kiran Tiwari	2008-2009	2009-2010	Govt, Girls Inter College Pithoragarh	L.T Music Teacher
Neeraj Joshi	2008-2009	2009-2010	Srijan Public School Model Town New Delhi	Music Teacher
Rashmi Joshi	2008-2009	2009-2010	Central School Delhi	Music Teacher
Ashok Kumar	2009-2010	2010-2011	Music Department D.S.B Campus Kumaun University Nainital	Assistant Professor
Ankita Parihar	2010-2011	2011-2012	Chandravati Mahila Maha Vidyalaya Kashipur	Music Lecturer contract faculty
Kishore Singh Mehta	2010-2011	2011-2012	Delhi Public School Hapur	Music Teacher
Neha John	2010-2011	2011-2012	Primary School Cantt Nainital	Music Teacher
Yogita Rani	2010-2011	2011-2012	Dashmesh Public School Bazpur	Music Teacher

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Whenever possible the department organizes music concerts/lecture-demonstrations from the external examiners to enrich the musical knowledge of both the students & faculty members.

45. List the teaching methods adopted by the faculty for different programmes.

- Practical demonstration in front of the students by the faculty members.
- Audio visual sessions in the classroom where the students get the opportunity to listen to the audio and video recordings of world renowned maestros of Indian Classical Music
- Group discussions related to details of various Ragas and Talas so that the students develop interest in the theoretical aspect of this performing art as well.

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

- Regular sessions of lecture demonstrations by various renowned artists/examiners; by which the students get the opportunity to listen to LIVE performances of Indian Classical Music & encouraging the young and budding artists for performances in the department so that the students get motivated to pursue music as a career opportunity.
- In order to gain better insight to the Ragas the students are exposed to the light forms of music such as Ghazals, Bhajans & Film Music based on Indian classical Ragas so that they can easily relate to these musical forms and realize the fact that Indian Classical Music is certainly the base of all forms of Indian Music.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Music is a practical based subject in which major emphasis is laid on practical demonstration either by singing or by playing an instrument. A student is firstly given a practical demonstration of the Raga/Taal which is to be taught by the teacher himself. Slowly and gradually (according to the learning capability of each individual) the student is taught the Raga/Taal keeping it as simple as possible. After making sure that the student has grasped the lesson correctly, a rigorous practice session is arranged with a percussion instrument/accompanist so that the student is able to memorize and practice the lesson correctly. This is followed by the proper documentation of the taught lesson so that the student is able to retain and recall the lesson through the notation & documentation on a hard copy. Finally the teacher makes sure that the students listen to the same Raag/Taal (that has been taught to them in class) performed by a renowned artist (either on video or audio) so that it's possible for the student to create the right image of the musical expression.
- In order to monitor the learning outcomes, the following day a brief individual performance by the student (Vocal/Instrumental) is heard by the teacher to evaluate his/her progress and henceforth the lessons are continued in progression. This monitoring method of each individual by means of everyday stage performance in front of the teacher helps in keeping a check on correct progression and learning of the student and also helps in building confidence and eradication of stage fear amongst the students.

47. Highlight the participation of students and faculty in extension activities.

- Regular concerts, workshops, lecture-demonstrations and audio-visual sessions are organised in the department to facilitate learning and musical growth of both the students and faculty members.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Regular sessions of listening to Video and Audio recordings of renowned maestros are arranged in the department to facilitate and broaden the musical imagination and perception of the students.
- Frequently musical concerts are organised in the department which are conducted by the students themselves in which they are required to perform individually in front of all the other students and faculty members including connoisseurs and music lovers from Uttarakhand who willingly grace the Music Department with their presence in these kind of musical events.

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

- The Faculty members of the Music Department are acclaimed and Graded artists from A.I.R. & Doordarshan; who have had their proper training in Indian Classical Music under the Gharana system. The Faculty members are regular performers in major Music Festivals in India & abroad.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Encouraging the students to actively participate and listen to the authentic Folk artists of Kumaun in the local music festivals like Holi Mahotsav, Sharadotsav etc. This in return helps to restore the propagation and popularization of the local musical folk forms of Kumaun like “Mahila Holi”, “Khadi Holi”, “Baith Holi” etc.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - Active participation in musical activities related to any cultural or academic activity organised in the University campus by any department. Regular participation in youth festivals organised by AIU/State Level University Festivals. The major strength of the department is that maximum no of students are Girls & they are from SC category. These students are from the near and far rural areas of Kumaun which is certainly a major asset to the Music Department.
- **Weaknesses & Challenges**
 - Lack of proper basic infrastructure; Lack of musical instruments and their maintenance; Lack of budget related to purchasing, repairing and maintenance of musical instruments; Music is a practical subject in which the students have to necessarily sit on the floor for their lessons, which is a basic requisite and this certainly facilitates to maintain the right posture and in general the musical decorum and aesthetics in case for both Vocalists & Instrumentalists. This is certainly not possible by means of sitting on chairs/benches as it is evident in other subjects. Thus lack of proper seating arrangement for the students and faculty members is a major issue in a practical subject where it's mandatory for the students to sit, learn & practice on the floor.

52. Future plans of the department.

- i. To start an independent Diploma course on the Folk Music of Uttarakhand by which it'll be possible to restore and revive the folk culture and tradition of Kumaun which in return will create better job and concert opportunities for the folk artists of Kumaun who are currently nearing extinction.
- ii. To invite world renowned artists for stage performances and lecture demonstrations on a regular basis.
- iii. To encourage every student to perform a concert in front of an invited audience every

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, D.S.B CAMPUS, KUMAUN UNIVERSITY

- Saturday in order to remove stage fear and build confidence.
- iv. Kumaun is region which is very rich in its folk music. Hence the department is planning to assimilate the available audio and visual recordings of the same and henceforth study the folk music of Kumaun and identify the impact of Indian Classical Music on the Folk music of Kumaun and Vice –Versa.
- v. To organise seminars on the practical aspect of music where more stress will be laid on practical demonstration on the instruments along with theoretical data.
- vi. To build a musical library of recordings (both audio & video) within the Department, of world renowned maestros which are easily accessible to the students for reference and learning.

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1. Name of the Department

Music Department

2. Year of Establishment

1973

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NA	NA	NA
Associate Professors	02	02	NA
Asst. Professors	NA	NA	NA
Others	NA	NA	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Vandana Joshi	M.A Hindi Sangeet Praveen Music (Vocal) & Ph.D Sangeet Prabhakar (Sitar) Bhav Sangit Senior Diploma	Assistant Professor	Music (Vocal)	14	04
Dr. Sabiha Naz	M.A. Music (Vocal) & Ph.D	Assistant Professor	Music (Vocal)	13	04

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

UG 1:13, PG-1:07

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

NA

b) International collaboration

NA

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19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	25
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees NA
- b) International committees NA
- c) Editorial Boards NA

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d) any other (please specify) NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G.	27	05	22	100	100
P.G.	14	01	13	90	90
Ph.D.	08	02	06	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G.	95	Nil	Nil	Nil
P.G.	100	Nil	Nil	Nil
Ph.D.	75	Nil	25	Nil

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34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

01 - NET

35. Student progression

Student progression		Percentage against enrolled
UG to PG		40
PG to M.Phil.		NA
PG to Ph.D.		20
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	20
Entrepreneurs		50

36. Diversity of staff

Percentage of faculty who are graduates		
of the same university		50
from other universities within the State		NA
from universities from other States		50
from universities outside the country		NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a)	Library	NA
b)	Internet facilities for staff and students	YES
c)	Total number of class rooms	02
d)	Class rooms with ICT facility	NA
e)	Students' laboratories	01
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	06
b)	from other institutions/universities	02

40. Number of post graduate students getting financial assistance from the university.

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

NA

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF MUSIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Musical Instruments are sufficient and of Good Quality
 - ii. Experienced Faculty
 - iii. Good Co-operation between Faculty members and Administrative Staff
 - iv. Expose of Students as they Participating Various Cultural Programmes
 - v. Introduction of new course (U.G. & P.G.) In Department
- **Weaknesses**
 - i. Lack of Space in Department
 - ii. Lack of Departmental Library
 - iii. Shortage of Teaching Staff
 - iv. Lack of any Supporting Staff
 - v. Lack of Technical Support Staff
- **Opportunities**
 - i. Use of Electronic instruments/Electronic musical Lab would be good Opportunity for students
 - ii. Better support for Computer/Technical work
 - iii. Better Facilities in Classroom and Department
 - iv. Good Examination and Evaluation System
 - v. Visiting Faculty and Additional Technical Staff
- **Challenges**
 - i. Grant required for musical Electronic Instruments Lab
 - ii. Sanction of more faculty
 - iii. Grant Sufficient Money for the Up-Gradation of Department
 - iv. Space Required for Classroom and Departmental Library
 - v. Grant Required for new Musical Instruments and Facilities in Classroom.

52. Future plans of the department.

- One year diploma course in "Heritage Music of Uttarakhand".

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, D.S.B. CAMPUS

1. Name of the Department

Department of Political Science, D.S.B. Campus

2. Year of Establishment

1973

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG.
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	05
Associate Professors	01	01	-
Asst. Professors	05	05 (03 are Professors under CAS)	02
Others	0	0	0

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, D.S.B. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. B.L. Sah	M.A., Ph.D.	Professor & Head	General 1. Political Theory 2. Public Administration Specific 1. Local-Self Government	36	11
Prof. Munni Padalia	M.A., Ph.D.	Professor	Indian Administration	38	09
Prof. M. Kumar	M.A., Ph.D.	Professor	International Politics	25	05
Prof. Neeta Bora Sharma	M.A., Ph.D.	Professor	1. Indian Political 2. System 3. Schedule Caste and Tribes	28	10
Prof. Rajeshwari Pant	M.A., Ph.D.	Professor	1. Comparative Politics 2. Schedule Tribes	29	09
Dr. Kalpana Agrahari	M.A., M. Phil., Ph.D.	Assistant Professor	International Relations	14	06
Dr. Divya U. Joshi	M.A. , Ph.D.	Assistant Professor	Gender Studies	10	02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. C.P. Barthwal
- Prof. M.P. Dube
- Prof. Sushma Yadav
- Prof. Manoj Dixit
- Prof. Asmer Beg
- Prof. S.K. Chaturvedi
- Prof. Annapurna Nautiyal

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, D.S.B. CAMPUS

13. Percentage of classes taken by temporary faculty – programme-wise information

- UG : 33%
- PG : 11%

14. Programme-wise Student Teacher Ratio

- UG average for 5 years = 97: 1
- PG average 5 years = 43: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Post	Sanctioned	Filled
Office Assistant on shared basis with another department	01	01
Peon	01	01

16. Research thrust areas as recognized by major funding agencies

Environmental Politics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

(i) Prof. B.L. Sah- 02 major projects

Community Participation in Natural Resource Management: Capacity Building of Rural Communities in Uttarakhand	15 June 2012- 15 May 2014	UCOST Government of Uttarakhand Dehradun	₹ 2,20,000/-	Project On-going
Green Governance in the Mountain Regions: A Study of Rural Community Participation in Kumaun Region of Uttarakhand.	1 November 2012 30 November 2012	University Grants Commission, New Delhi	₹ 4,90,300/-	Project On-going

(ii) Prof. M. Kumar-01 major project

A Critical Study of discourses in Political Ecology in India : With special reference to Uttarakhand	2014	ICSSR, New Delhi	₹ 5,00,000/-	Project On-going

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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	45
• Monographs	0
• Chapters in Books	04
• Edited Books	09
• Books with ISBN with details of publishers	02
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

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26. Faculty serving in

i.	National committees	NA
	• Prof. B.L. Sah a. Rural Development & Panchayati Raj Ministry, Government of Uttarakhand b. All India Intellectual Committee Constitutional and Parliamentary Studies • Divya U. Joshi: a. Expert Committee on Violence against Women, National Commission for Women, GOI, New Delhi	
ii.	International committees	NA
iii.	Editorial Boards	NA
	a. Prof. B.L. Sah, Editor, QUEST The Journal of UGC-ASC, Nainital, ISSN No. 2249- 0035 b. Prof. B.L. Sah, Editorial Board, Man Nature and Society- A bi-annual Journal of the Department of Political Science, D.S.B. Campus, Nainital, ISSN No. 2230-7370 c. Prof. B.L. Sah, Journal of Information Management ISSN: 2348-1765 (Print) ISSN: 2348- 1773 (Online) Society of Promotion for Library Professional (SPLP) d. Prof. Munni Padalia, Editorial Board, Man Nature and Society- A bi-annual Journal of the Department of Political Science, D.S.B. Campus, Nainital, ISSN No. 2230-7370 e. Madhurendra Kumar, Editor, Indian Journal Political Science, 2012-13, ISSN No. 0976-8254 f. Prof. Neeta Bora Sharma, Editor, Acharya Narendra Dev Research Journal g. Dr. Divya U. Joshi, Associate Editor, QUEST The Journal of UGC-ASC, Nainital, ISSN No. 2249-0035	
iv.	any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Prof. B.L. Sah	Participant	Short Term Course : - Contemporary issues in Higher Education and Recent Advances in Various Fields, 10- 12 July, 2009 - Research Qualities and Ethics, 6-8 July, 2010 - Disaster Management, 26-31 June, 2011 - Holistic Health and life Skills for teachers and academic administrators, 5-7 September, 2012 - Yoga for complete health, 01- 04 July 2013
Prof. M. Kumar	Course Coordinator	Refresher Course, Political Science, UGC-ASC, Kumaun University, Nainital, 11 November - 01 December 2010
Prof. Neeta	Course	Refresher Course, Political Science, UGC-ASC, Kumaun

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Bora Sharma	Coordinator	University, Nainital 2-22 November 2011
Dr. Kalpana Agrahari	Participant	Refresher Course, Political Science, UGC-ASC, JNU- 5-30 April, 2010 Refresher Course, National Integration, UGC-ASC, Kumaun University, Nainital- 8-28 December, 2010
Dr. Divya U. Joshi	Participant	Refresher Course, Research Methodology, UGC-ASC, Nainital, 2010 Short Term Courses - Contemporary issues in Higher Education and Recent Advances in Various Fields- 10- 12 July, 2009 - Research Qualities and Ethics 6-8 July 2010 - Disaster Management- 26-31 June 2011 - Holistic Health and life Skills for teachers and academic administrators 5-7 September 2012 - Yoga for complete health 01- 04 July 2013

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty
 - i. Prof. Madhurendra Kumar, Recipient of National Fellowship Award 2011 by Bhartiya Dalit Sahitya
 - ii. Prof. Neeta Bora Sharma, Best Citizen Award- 2009
 - iii. Prof. Neeta Bora Sharma Honoured by Uttarakhand Urdu Journalist and Writer- 2013
 - iv. Dr. Divya U. Joshi, First Prize in National Case Study Competition, IIPA New Delhi, 2011
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Prof. B.L. Sah,
 - i. Environment, Development and Society 20, 21 & 22 October, 2010), Funded by IDEAS, UG C-ASC, Kumaun University, Nainital
 - ii. Ecology and Culture in Uttarakhand 16 July, 2011 , , Funded by UCOST

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- iii. Democracy in India: Problems and Prospects 14 August, 2011 Funded by IDEAS, UG C-ASC, Kumaun University, Nainital,
- iv. Issues Surrounding IPR in Uttarakhand – 14- 15 July 2012 , Funded by UCOST,
- v. Issues Concerning Copyright- 01-12-2012, Funded by UCOST
- vi. National Human Rights- 13 October, 2012, Funded by NHRC, New Delhi
- vii. Gender Equity: Identifying Issues and a Blueprint for Action in Uttarakhand- 1- 2 March 2013 (State Level) Funded by NCW, New Delhi
- viii. Gender Equity: Issues of Theory, Practice and Policy in the Asia- Pacific Region- 21-22 March 2013 (International), Funded by NCW, New Delhi
- ix. The Scientific Outlook- 25 April 2013, Funded by UCOST
- Prof. Madhurendra Kumar, Seminar 1
 - o 2 November, 2011 Funded by Ministry of Consumer Affairs and IIPA
- Prof. Neeta Bora Sharma, Seminar- 04
 - i. संयोजक, राष्ट्रीय संगोष्ठी संयोजक, अनुसूचित जाति एवं जनजाति अत्याचार निवारण अधिनियम क्रियान्वयन, चुनौतियां एवं समाधान 24–25 अक्टूबर, नैनीताल, 2009
 - ii. संयोजक, राष्ट्रीय संगोष्ठी, निर्देशक एवं संयोजक 'The Status and Role of Women in Uttarakhand' Centre for Women Studies
 - कुमाऊँ विश्वविद्यालय 29–30 नवम्बर, 2012
 - iii. संयोजक, आचार्य नरेन्द्र देव जयन्ती 31 अक्टूबर, 2013
 - iv. Convener, National Seminar on Protection of Human Rights of Women in India, 2014

31. Code of ethics for research followed by the departments

- An Ethics Committee of the Department of Political Science has been formed in which Head and two members of the Department are included. The Ethics Committee of the Department looks after the following aspects in all research work being carried out in Departmental supervision-
 - i. General ethical issues like privacy, consent, confidentiality, anonymity, harm, embarrassment, pain, objectivity, quality of research, etc. etc.
 - ii. Stage specific ethical issues such as formulating and clarifying the research topic/title, designing the research, collecting data, processing data, analysing data, reporting the findings etc. etc.
 - iii. Internet addresses for ethical codes, guidelines and statements of practice are also provided.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.A.- I 2009-10	189	89	100		
B.A.- I 2010-11	200	90	110		
B.A.- I 2011-12	190	80	110		
B.A.- I 2012-13	218	102	116		
B.A.- I 2013-14	210	95	115		
B.A.- II 2009-10	204	98	106		
B.A.- II 2010-11	194	91	103		

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B.A.- II 2011-12	205	96	109		
B.A.- II 2012-13	195	90	105		
B.A.- II 2013-14	290	105	185		
B.A.- III 2009-10	181	69	112		
B.A.- III 2010-11	221	112	109		
B.A.- III 2011-12	192	94	98		
B.A.- III 2012-13	180	85	95		
B.A.- III 2013-14	219	110	109		
M.A.- I 2009-10	32	20	12		
M.A.- I 2010-11	34	09	22		
M.A.- I 2011-12	-	-	-		
M.A.- II 2009-10	27	12	15		
M.A.- II 2010-11	19	08	11		
M.A.- II 2011-12	23	05	18		
M.A. 2011-12 Ist Sem	21	15	06	100%	
M.A. 2011-12 IIInd Sem	21	15	06	100%	
M.A. 2012-13 Ist Sem	22	08	14	100%	
M.A. 2012-13 IIInd Sem	16	08	08	100%	
M.A. 2012-13 IIIrd Sem	17	13	04	100%	
M.A. 2012-13 IVth Sem	17	13	04	100%	
M.A. 2013-14 Ist Sem	22	08	14	100%	100%
M.A. 2013-14 IIInd Sem	22	08	14	100%	100%
M.A. 2013-14 IIIrd Sem	16	08	08	100%	100%
M.A. 2013-14 IVth Sem	16	08	08	100%	100%
Ph.D. 2009-10	05	03	02	-	-
Ph.D. 2010-11	06	04	02	-	-
Ph.D. 2011-12	05	03	02	-	-
Ph.D. 2012-13	09	04	05	-	-
Ph.D. 2013-14	11	05	06	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. I - 2009	95%	0	-	5%
M.A. I - 2010	94.1%	0	5.88%	-
M.A. I - 2011	-	0	-	-
M.A. II – 2009	100%	0	-	-
M.A. II- 2010	95%	0	-	5%
M.A. II- 2011	100%	0	-	-
Sem I- M.A. 2011-12	90.5%	0	9.52%	-
Sem I- M.A. 2012-13	95.6%	0	4.54%	-
Sem III- M.A. 2012-13	94.1%	0	5.88%	-

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Sem II- M.A. 2013-14	75%	0	25%	-
Sem IV- 2013-14	95.6%	0	4.54%	
Ph.D.	64.5	0	35.5	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- i. Ruchir Joshi – NET & JRF 2010
- ii. Ketki Tara Kumaiyan- NET & JRF 2011
- iii. Neha Kirti Prasad - NET & JRF 2009
- iv. Monika Bisht, (Vice-Chancellor Gold Medallist in 2010) NET 2012
- v. Ajit Kumar, JRF, NET 2011 and also qualified U.P. PCS in 2013
- vi. Purendu Tripathi- NET qualified 2012
- vii. Rekha- NET qualified 2012
- viii. Jan Mohd, NET qualified 2012
- ix. Rajendra- NET qualified 2012
- x. Pradeep Kumar - USET qualified 2012
- xi. Gurdev Singh - PCS qualified 2010
- xii. Rajendra Singh Bisht – PCS qualified 2012
- xiii. Umrao- NET qualified 2012
- xiv. Sudhir Agrahari NET , JRF, 2013
- xv. Pankaj JRF 2011
- xvi. Neeraj JRF, 2011
- xvii. Prakash Singh Badal JRF, NET 2013

35. Student progression

Student progression		Percentage against enrolled
UG to PG- 2009		17.68%
2010		15.38%
2011		9.58%
2012		11.45%
2013		8.88%
PG to M.Phil.		NA
PG to Ph.D.- 2009		12%
2010		3.7%
2011		5.3%
2012		8.7%
2013		17.6%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	0
☐	Other than campus recruitment	Approximate average for 5 years is 30% of PG students
Entrepreneurs		Approximate average for 5 years is 20% of PG students

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36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	70%
from other universities within the State	NA
from universities from other States	30%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Dr. Kalpana Agrahari was awarded Ph.D. in 2009

38. Present details of departmental infrastructural facilities with regard to

a) Library	533 books
b) Internet facilities for staff and students	All teaching staff
c) Total number of class rooms	03
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

S.no.	Name	Supervisor
2009-10		
1.	Hema Devi	R. Pant
2.	Hema Devi	B.L. Sah
2010-11		
1.	Ketki Tara	M. Padalia
2011-12		
1.	Monica Bisht	M. Padalia
2013-14		
1.	Hardesh Kumar	B.L. Sah
2.	Sorophy Khangrah	B.L. Sah

b) from other institutions/universities

S.no.	Name	Supervisor
2009-10		
1.	Virendra S. Verma	M. Kumar
2.	Suresh C. Bhatt	M. Kumar
3.	Basant Lal	R. pant
2010-11		
1.	Sweta Duhan	M. Padalia
2.	Pradeep Kumar	N.B. Sharma
3.	Ruchir Joshi	M. Padalia

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4.	Ajit Kumar	M. Kumar
5.	Vishal Anand	M. Kumar
2011-12		
1.	Minaxi Negi	M. Padalia
2.	Brahmanand	M. Kumar
3.	Pankaj Yadav	K. Agrahari
4.	Neeraj Yadav	K. Agrahari
2012-13		
1.	Lata Joshi	D.U. Joshi
2.	Priya Tewari	K. Agrahari
3.	Sonia Chamalyal	K. Agrahari
4.	Anuj K. Srivastava	M. Kumar
5.	Rajendra P. Bisht	NB. Sharma
6.	Omkar Chaturvedi	D.U. Joshi
7.	Chandrakala Tewari	N.B. Sharma
8.	Harish C. S. Bisht	B.L. Sah
9.	HemaPanchpal	B.L. Sah
2013-14		
1.	Jyoti Dharm Saktu	N.B. Sharma
2.	Rekha	N.B. Sharma
3.	Meena Arya	M. Padalia
4.	Gayatri Devi	R. Pant
5.	Neeraj Arya	R. Pant
6.	Umrao Singh	R. Pant
7.	Jan Mohd.	N.B. Sharma
8.	Sudhir K. Agrahari	K. Agrahari
9.	Prakash S. Badal	K. Agrahari

40. Number of post graduate students getting financial assistance from the university.

- All SC, ST students receive fee exemption as per university rules.
- No other scholarship is offered subject-wise by university through department or office of Dean Student Welfare

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - i. The mechanism consists of departmental meetings before the BOS Meeting Special time is devoted to curricular evaluation. Recent advances in the subject are put forth by individual members in their area of specialization and allotted teaching. The feasibility of inclusion of these is discussed and considered. Also, the curriculum is checked to

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- see if any aspects are outmoded or irrelevant. All suggestions are noted and duly considered by the BOS when it meets.
- ii. In last three years four BOS meetings have been held which have updated and modified the curriculum syllabi. (Held on 30 & 31 May 2011; 6 & 7 September 2012; 29 December 2012; 16 September 2013)
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - i. Students are being asked for written feedback on the prescribed form. This feedback is analysed and due remedial action in case of shortcomings taken.
 - ii. The HOD has a separate e-mail account devoted to student feedback. Students are free to mail in all feedback, queries and suggestions. (Hodpolscience@gmail.com)
 - iii. A Concept Note on Assignments is provided and explained to PG Semester students to help them in undertaking their assignments.
 - iv. Module of useful learning material on preparation of Research Dissertation is prepared and given to concerned students.
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA
 - i. The feedback and contribution of alumni has so far been unorganized, therefore the process of launching a formal platform (Alumni Association of the department) and an online group of the above is in process.

43. List the distinguished alumni of the department (maximum 10)

- i. Prof. B.K. Tewari, Former Head Political Science, Lucknow University
- ii. Prof. Annapurna Nautiyal, Former Head, Political Science, HNB Garhwal University
- iii. Dr. N.S. Jantwal, Former Member Vidhan Sabha, Uttarakhand
- iv. Dr. B.M. Harbola, Registrar, Doon University, Dehradun
- v. Neelesh Mishra, Writer
- vi. Bhupesh Pant, Journalist

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- G.D. Tewari Memorial Lectures - 03
o on 25th March 2010, 23rd November 2011 and 7 November 2012

45. List the teaching methods adopted by the faculty for different programmes.

- Lectures, Tutorials, Group Discussions, focal group discussions for brain storming, project method, problem solving method, audio aids, demonstrations through visual aids.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Intense monitoring of the assignment work allotted to M.A. Semester students by the teachers in charge. Insistence on quality and regularity in these assignments which are

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evaluated by the Department internally.

- Annual compulsory presentations by all research scholars to assess the quality and progress of their Ph.D. work. Feedback provided by all Departmental faculty.
- Providing opportunities for students to participate in relevant academic activities organized by the department, seminars etc.

47. Highlight the participation of students and faculty in extension activities.

- P.G. & Research students participated in the Winter School on India's Foreign Policy and Security organized by Doon University, Dehradun in the year 2010 and 2011. It was a seven days programme of Orientation on the Issues of Foreign Policy and Security of India.
- Research students are provided information about and motivated to attend academic activities organized by other departments and the UGC-Academic Staff College of the University, and of other universities.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Faculty members are continuously visiting other institutions/ Universities / Departments/Training institutions such as UGC-ASCs to deliver scholarly lectures in their areas of specialization.
- Faculty members are attending Seminars, Conferences and Workshops in India and abroad.
- Research journal, Man , Nature and Society is published by the Department.
- Innovative extension activities for our students, including a students’ association which organizes extra-curricular academic and cultural activities, especially debates, group discussions and other events.
- The Students Association is headed by an elected body from amongst the Research Scholars, PG and UG students, and encourages democratic practices and tries to train students in propagating democratic values and practices in and outside the Campus.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. The department is fully staffed with all posts being filled by qualified and proficient scholars. All faculty members have a considerable number of research publications, and are guiding good research.
 - ii. Faculty members are visiting Departments of Political Science and UGC-Academic Staff Colleges in Universities all over India to deliver Guest Lectures,

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Attend Expert Committee and BOS Meetings. This gives the Department linkages at an All India level and helps in networking.

- iii. The location of this university department has placed it in a unique position of being able to focus on certain very relevant and contemporary research areas in Political Science, example all issues pertaining to Himalayan society and politics, green politics and development issues which are very relevant in social science research today.
- iv. Several innovative practices have been introduced to enhance the teaching – learning experience. These include:
 - v. Encouraging students and faculty to interact on-line, via email of HOD and faculty, so that channels of communication may be quick and effective.
 - vi. Encouraging feedback and dialogue from guardians by sending a small note providing Departmental contact details (Phone and E Mails) at the beginning of PG Semester. This allows for open and quick communication with guardians and students.
 - vii. Provision of Concept Note on assignments to students.
 - viii. Provision of useful study material in the form of modules such as module on Research Report writing.
 - ix. Departmental Presentation of Research Scholar Progress annually after the registration.
 - x. Encouraging healthy competition and motivation by the Toppers' Scroll in the Department which records and displays names of University level Toppers at PG level.
 - xi. Wall magazine on which PG students are encouraged to post relevant material along with their creative presentations on current political issues.
 - xii. Guidance to students on how to use Library Resources available in the Campus and University, and also guidance on how to use online resources.(INFLIBNET, Shodhganga, Gyanganga, other free open scholarly resources, etc)
 - xiii. UGC-ASC, Kumaun University, Nainital provides Library access to research scholar of the department.

- **Opportunities:**

- i. Possible opportunities for linkages with other University/Institution Departments for research exchange and collaboration arising out of our senior faculty's proactive role, frequent visits and contributions in these institutions.
- ii. The location of the Uttarakhand High Court in the town allows students a chance to carry out studies related to this important branch of Government very easily.
- iii. The presence of rural students and those from semi urban areas allows us outreach to these areas by encouraging them to play a proactive role as agents of social change.

- **Weaknesses :**

- i. Lack of adequate heating in rooms of faculty and class rooms in cold weather. This hampers efficiency of faculty, research scholars and students in working longer hours.
- ii. The students also consist of those travelling in from satellite towns every day. In adverse weather and road conditions attendance is adversely affected.

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- **Challenges:**
 - i. The major challenge before us is to bring in more financial grants through research projects, SAP, etc.
 - ii. To create a quick and efficient communication network with Departments in Affiliated Colleges so that all curricular and research updates may be disseminated quickly.

52. Future plans of the department.

- In pursuit of a vision of excellence the following road map is envisaged:
 - o To invigorate the departmental research journal, *Man, Nature and Society* so as to foster greater research stimulus.
 - o To develop the Department as a hub for inter-disciplinary scholarly exchange within the University and also in the region. This will be done by increasing the frequency of inter-disciplinary scholarly events. Also, by creating an online group of scholars associated with us which will enable efficient exchange of information.
 - o To try to enhance our repository of learning resources by extending our linkages other University Departments located in geographical proximity; and by creating a database of learning material available free online.
 - o To start a Career Counselling Cell manned by our faculty members and alumni volunteers, to provide support services to our students seeking employment.
 - o To develop an alumni forum so that the resources, skills and feedback available with our alumni which they may be willing to share for the benefit of the students and department.

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1. Name of the Department

Political Science

2. Year of Establishment

1973

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	00	00	01
Associate Professors	--	--	--
Asst. Professors	04	03	02
Others	--	01 (Merged from Arya Kanya Mahavidyalay)	--

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		01(Contract Faculty)	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Specialization	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Meena Pathani	M. A. Ph. D	Professor	Comparative Politics & Rural Development	36	08
Dr. Neeta Bharti	M. A. Ph. D	Assistant Professor	Political Thought	10	02
Meenakshi Arya	M. A. NET	Assistant Professor	Public Administration	07	---
Dr Sushma Dayal Johri (merged from Arya Kanya Degree College Almora to the Department)	M. A. Ph. D	Associate Professor	National movement	36	---
Dr. Ravi Joshi	M. A. Ph. D	On Contractual basis	Rural Development	03	---

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

- 20% - UG , 20% - PG

14. Programme-wise Student Teacher Ratio

- U.G — 120 : 1 P.G — 06 : 01 Total – 126 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

Welfare Programmes (Rural Development, Migration and Food Security, Population Control)

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17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the principal Investigator	Title of the project	Funding agency	Amount (Rs.)	Year (From To)	Completed / Ongoing
Prof. Meena Pathani	<i>Uttarakhand mein Rrashtriy Gramin Rojgar Guaranty Yojna ke vividh aayamo ka Vishleshanatmak Adhyayan</i>	U.G.C	6,04,200	01-05-2009 To 30-04-2011	Completed
Dr. Neeta Bharti	<i>Parivaar Niyojan Karykram ki Bhumika: Almora jile ke gram Khatyari ke sandarbh mein.</i>	U.G.C	1,20,000	07-09-2012 To 06-02-2014	Ongoing

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- AICTE, etc.; total grants received. --724000 (Rs. 604200/- Prof. Meena Pathani & Rs. 1,20,000/- Dr. Neeta Bharti)

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	11
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA

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• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	

o P.S.C. Uttarakhand—(1) Prof. Meena Pathani (2) Dr. Dr Sushma Dayal Johri

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

i. Dr. Neete Bharti

- Orientation Course – 20 March 2007 To 19 April 2007 From KU Nainital
- Refresher Course – 08 December 2010 To 28 December 2010 From AMU Aligarh

ii. Smt . Meenakshi Arya

- Orientation Course – 29 October 2009 To 26 November 2009 From Jamia Milia University.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, S.S.J. CAMPUS

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

- As per University norms

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G	600 (Approx.)	340 (Approx.)	260 (Approx.)	60 (Approx.)	65 (Approx.)
P.G 2009- 10	28	13	15	77	80
2010-11	53	36	17	78	88
2011-12	58	39	19	71	84
2012-13	28	15	13	100	100
2013-14	34	17	17	100	100
Ph.D 2009-10	01	01	--	01	
2010-11	02	02	--		
2011-12	01	01	--		
2012-13	01	01	--		
2013-14	05	04	01		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G	100	Nil	Nil	Nil
P.G	100	Nil	Nil	Nil
Ph.D	80	Nil	20	Nil

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, S.S.J. CAMPUS

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET --- 04 (03 General , & 01 S. C
- State Civil Services (Allied) --- 02 (01 S. C. & 01 OBC)

35. Student progression

Student progression		Percentage against enrolled
UG to PG		20
PG to M.Phil.		NA
PG to Ph.D.	2009-10	--
	2010-11	50
	2011-12	100
	2012-13	100
	2013-14	80
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	20
Entrepreneurs		40

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	67%
from other universities within the State	NA
from universities from other States	33%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

TWO

38. Present details of departmental infrastructural facilities with regard to

a)	Library	Satisfactory
b)	Internet facilities for staff and students	Good
c)	Total number of class rooms	2 For PG & 04 For UG
d)	Class rooms with ICT facility	NA
e)	Students' laboratories	NA
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	11 Research Scholars
b)	from other institutions/universities	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, S.S.J. CAMPUS

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - Feedback from Faculty on Curriculum through B.O.S
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- Sri K. N. Goswami --- P.C.S. (S.D.M.)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

- Lectures , Assignments & presentation Evaluation
 - (i) Conventional Chalk
 - (ii) Students Seminar
 - (iii) Group Discussion

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

- National and international seminar , Cultural programmes, Social works , N. S. S. , etc.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF POLITICAL SCIENCE, S.S.J. CAMPUS

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. Political science is the most popular subject of Arts Faculty.
 - ii. Discipline
 - iii. Favourable teaching atmosphere
 - iv. Experienced faculty
 - v. Good Library
- **Weaknesses**
 - i. Shortage of faculties
 - ii. Non availability of spacious Classrooms for PG Classes.
- **Opportunities**
 - o Department is well Equipped with IT Facilities.
 - o Perfect conditions for Research Work.
 - o Perfect examination and evaluation system
- **Challenges**
 - o To Acquire Ideal Teacher –Student Ratio.

52. Future plans of the department.

- Proposal for Rural Development Study Centre.

EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department

Department of Psychology

2. Year of Establishment

1980

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professors	02	01	01
Asst. Professors	03	03	03
Others	--	--	--

EVALUATIVE REPORT OF THE DEPARTMENT

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. A.Shukla	M.A, Ph.D	Professor	Personality and Social Psychology	27	04
Prof. M.Gufhran	M.A, Ph.D	Professor	Experimental & Social Psychology	19	02
Dr. Madhu Nayal	M.A, Ph.D	Associate Professor	Psychopathology & Clinical Psychology	14	01
Dr. P.D. Bhatt	M.A, Ph.D	Associate Professor	Psychological Statistics	14	02
Dr. Preeti Tamta	M.A, Ph.D, NET	Associate Professor	Developmental Psychology	08 month	Nil
Dr. Ruchi Kakkar	M.A, Ph.D	Visiting Personnel	Environmental Psychology	08	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. G. Mishra, Vice-Chancellor , Vardha University, Vardha.
- ii. Prof. G. S. Saun Director ICSSR, New Delhi.
- iii. Prof. S. N. Rai Prof Emeritus, Department of Psychology, C.C.S. University, Meerut.
- iv. Prof. N. Hassnain, Department of Psychology Jamia Milia Islamia, New Delhi.
- v. Prof.A. Hussain, Department of Psychology, Aligarh Muslim University, Aligarh.
- vi. Prof. R. Hooda, Department of Psychology, M. D. University, Rohtak.
- vii. Prof. N. Sharma Department of Psychology, M.D. University, Rohtak.
- viii. Prof. A. Agarwal, Head (Retd.) Department of Psychology, D.D.U. Gorakhpur University, Gorakhpur.
- ix. Prof. C.B. Diwedi. Prof Emeritus, Department of Psychology, Banaras Hindu University, Varansi.
- x. Prof. L. Gairolla Department of Psychology, H.N.B Central University, Srinagar, Garhwal.
- xi. Prof. N.C. Dhoundiyal, Department of Education, S.S.J. Campus, Almora Kumaun University, Nainital.

EVALUATIVE REPORT OF THE DEPARTMENT

- xii. Prof. R. S. Pathani, Department of Education, S.S.J. Campus, Almora Kumaun University, Nainital.

13. Percentage of classes taken by temporary faculty – programme-wise information

- UG - 10%, PG - 10%,

14. Programme-wise Student Teacher Ratio

- 34:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Lab Assistant	01	01	01
Lab Bearer	01	01	01

16. Research thrust areas as recognized by major funding agencies

	National Project Title	Funding Agencies	Fund
Prof. A. Shukla	• Culture and Psyche of Children in Uttarakhand :A Developmental Approach.	UGC	60400/-
	International Project Title		
	• A study of HIV Victims Global fund of fight AIDS, TB & Malaria (Collaborative)	GFATM-7, Geneva	

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration NA
- b) International collaboration GFATM-7, Geneva

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

UGC and ICSSR

EVALUATIVE REPORT OF THE DEPARTMENT

20. Research facility / centre with

- State recognition NA
- National recognition YES
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	39
• Monographs	NA
• Chapters in Books	NA
• Edited Books	02
• Books with ISBN with details of publishers - o Culture, Cognition and Behaviour, New Delhi: Concept. (ISBN- 81-8069-639-1) - o Psyche of Indian Women, New Delhi : Concept. (ISBN-13: 978-81-8069-974-0) - o Adhunik Paryavaraniya Manovigyan New Delhi: Concept. (ISBN-13: 978-935125-019-7) - o Stress and Mental Health. Germany, Lambert. (ISBN-978-3-659-49029-3) - o Nirdeśhan avam Pramersh ke Moolbhoot Adhar. N. Delhi: Janada Prakashan. (ISBN-978-81-7139-431-9) - o Statistics for Psychology. New Delhi: Tata-McGraw Hill. (ISBN-978-1-25-900505-3)	05
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	
• SNIP	
• SJR	
• Impact Factor – range / average	0.47
• h-index	

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

EVALUATIVE REPORT OF THE DEPARTMENT

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Prof. Aradhana Shukla
- Prof. M. Gufhran.

26. Faculty serving in

- a) National committees NA
- b) International committees NA
- c) Editorial Boards
 - o Prof. A. Shukla – Member of Editorial Board (Journal of Health and Well-being, Community Psychology).
 - o Prof. M. Ghufran – Member of Editorial Board (Journal of Psychology and Education), Member of IOCL, FCI and UPSC.
- d) any other (please specify) NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Seminars	• Cultural Transformation of Selfhood: Emerging Dialogues • Self and Emotion in Social Context	ICSSR, New Delhi ICSSR, New Delhi
Refresher	• New Directions in Psychology-I • New Directions in Psychology-II	UGC through ASC. Nainital

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
 - o Prof. Aradhana Shukla (Distinguished Award of India)
- Doctoral / Post-Doctoral fellows NA
- Students NA

EVALUATIVE REPORT OF THE DEPARTMENT

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars	- Cultural Transformation of Selfhood: Emerging Dialogues - Self and Emotion in Social Context	ICSSR, New Delhi ICSSR, New Delhi
Refresher	- New Directions in Psychology-I - New Directions in Psychology-II	UGC through ASC. Nainital

31. Code of ethics for research followed by the departments

- Data based research
- Review based research

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	---	---	---	---	---
PG	16	01	15	100	100
Ph.D	---	---	03	---	---

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	75%	----	25%	---
Ph.D	100%	----	----	----

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Category	Civil Services	Defence Services	NET	SET	GATE
GENERAL	----	04	01	----	----

EVALUATIVE REPORT OF THE DEPARTMENT

35. Student progression

Student progression	Percentage against enrolled
UG to PG	25%
PG to M.Phil.	NA
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	50%
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	NA
from universities from other States	50%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

ONE

38. Present details of departmental infrastructural facilities with regard to

a) Library	YES
b) Internet facilities for staff and students	YES
c) Total number of class rooms	04
d) Class rooms with ICT facility	NA
e) Students' laboratories	03
f) Research laboratories	01

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

Candidate Name	Year	Topics	Supervisor	Status
Mr.Navee n Bhatt	2009-10	Impact of yogic Exercise or positive mental health: An action research	Prof. Aradhana Shukla	Awarded
Smt. Geeta	2010-11	Psychological Correlates of learned helplessness among professional/non-Professional students	Prof. Aradhana Shukla	Awarded
Miss. Shradha Joshi	2010-11	Environmental stress and scholastic behaviour	Prof. Aradhana Shukla	Awarded

EVALUATIVE REPORT OF THE DEPARTMENT

Mrs. Sarita Joshi	2010-11	A Study of Emotional disturbance and child rearing practice as affected by parenting type	Prof. Aradhana Shukla	Awarded
Ritu Gahlawat	2011-12	After effects of family type: A study of personality as affected by age and sex	Prof. Aradhana Shukla	Awarded
Garima Bisht	2011-12	Impact of Yogic Exercise of mental health : An intervention Study	Prof. Aradhana Shukla	Awarded
Akanshal Lal	2011-12	A Cross Cultural study of disruptive behaviour academic motivation and academic anxiety	Prof. Aradhana Shukla	Awarded
Bhumika Pant	2011-12	Efficacy of family therapy in context of expressed emotional and home environment for relapse prevention of alcohol dependence disorder	Prof. M. Ghufan	Awarded
Zeba Kumar	2012-13	Psychological Impact of childhood sex and abuse	Prof. M. Ghufan	Submitted
Suneeta Pant	2013-14	Influence of Traditional and mixed food on depression ,aggression and anxiety in adolescent	Dr. Madhu Nayal	Submitted
Neha Sharma	2013-14	Board pariksha ke samay kishore chatron avam chatraon mein chinta avam avasad ka manovaigyanik mulyankan thata iska upchar.	Prof. M. Ghufan	Submitted
Pooja Mehta	2011-12	Impact of Gender and Family type on environmental awareness and well-being.	Prof. Aradhana Shukla	Submitted

b) from other institutions/universities

NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

EVALUATIVE REPORT OF THE DEPARTMENT

43. List the distinguished alumni of the department (maximum 10)

- Prof. M. Ghufran, (Head), Department of, Psychology, S.S.J.Campus, Almora, Kumaun University, Nainital.
- Dr. P.D.Bhatt, Asso. Professor, Department of Psychology, S.S.J.Campus, Almora, Kumaun University, Nainital.
- Dr. Madhu Nayal, Asso. Professor, Dept of Psychology S.S.J.Campus, Almora.
- Dr. Azara Parveen, Asso. Professor, G.P.G. College, Haldwani.
- Dr. Savita Karnatak, Asst. Professor, Gov. Degree. College, Doiwala, Dehradun.
- Navya Pandey, Asst. Professor, Vanasthali University, Vanasthali.
- Dr. Kiran Karnatak, Asst. Professor, Gov. Degree. College, Doshapani.
- Dr. N.S.daguna, T.P.O, Kathmandu, Nepal.
- Dr. Dharmendra Bhatt, A.D Sports Pauri.
- Dr. Sarita Joshi, Asso. Professor, K.V.K, Pantnagar University, Pantnagar.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

	Name and Designation	Sources Of funding
Special Lectures	a. Prof. A. Agarwal, Department of Psychology, D.D.U.GKP. University, Gorakhpur b. Prof. C.B. Diwedi. Department of Psychology, Banaras Hindu University, Banaras. c. Prof. N.C. Dhoundiyal, Department of Education, S.S.J. Campus, Almora Kumaun University, Nainital. d. Prof. R. S. Pathani, Department of Education, S.S.J. Campus, Almora Kumaun University, Nainital.	Kumaun University, Nainital
Seminar	a. Cultural Transformation of Selfhood: Emerging Dialogues. b. Self and Emotion in Social Context.	ICSSR, New Delhi ICSSR, New Delhi
Refresher	a. New Directions in Psychology-I b. New Directions in Psychology-II	UGC through ASC Nainital

45. List the teaching methods adopted by the faculty for different programmes.

Lectures and PPT

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Students are getting good result

EVALUATIVE REPORT OF THE DEPARTMENT

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Academic cooperation and consistent improvement.
 - ii. Motivating the student for bright career.
- **Weaknesses**
 - i. Lack of supportive staff.
 - ii. Insufficient grant for proper running of the department
 - iii. Lack of interaction with other academic institutions due to distance
- **Opportunities**
 - i. More chances of researches on cross- cultural psychology.
 - ii. Urgent capability to deal with disaster conditions
- **Challenges**
 - i. Increase in the number and attendance of students getting admission in the UG and PG classes.
 - ii. To make a control over student unrest.

52. Future plans of the department.

- Deciding to open a central Behavioural Studies

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department : संस्कृत
2. Year of Establishment : 1951: शासकीय महाविद्यालय तथा 1973: कुमाऊँ विश्वविद्यालय के विभाग के रूप में।
3. Is the Department part of a School/ Faculty of the university? हाँ
/ विश्वविद्यालय के कलासंकाय का विभाग है।
4. Names of programmes offered : स्नातक / स्नातकोत्तर / पीएचडी / डीलिट
5. Interdisciplinary programmes and departments involved : कोई नहीं
6. Courses in collaboration with other universities, industries, foreign institutions etc. कोई नहीं
7. Details of programmes discontinued, if any, with reasons : पूर्व में स्नातकोत्तर स्तर में तीन वर्ग थे— साहित्य वर्ग, व्याकरण वर्ग एवं दर्शन वर्ग। वर्ष 1998 के पश्चात् प्राध्यापकों के सेवानिवृत्त हो जाने से एवं विभाग में कक्ष का अभाव होने से व्याकरण एवं दर्शन वर्ग दोनों ही वर्ग समाप्त हो गये। वर्तमान में स्नातकोत्तर स्तर में साहित्य वर्ग ही है।
8. Examination system : स्नातक में वार्षिक / स्नातकोत्तर में सेमेस्टर।
9. Participation of the department in the courses offered by other departments : कोई नहीं

Number of the teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	NIL	
Associate Professors	01	NIL	
Asst. Professors	03	03	
Others	---	---	

प्रोफेसर तथा असोसिएट के पदों पर दो संविदा शिक्षकों की नियुक्ति की गई है।

11- Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name of Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil Students guided for the last 4 years
प्रो० जयातिवारी	एम०ए०, बी०एड०, पीएचडी	प्राध्यापक	साहित्य, दर्शन।	25 वर्ष	08

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, D.S.B. CAMPUS, KUMAUN UNIVERSITY

डॉ० लज्जा भट्ट	एम०ए०, साहित्याचार्य, विशारद, पी०एच०डी०, डी०लिट०	सहायक प्राध्यापक	व्याकरण, साहित्य ।	11 वर्ष	04
डॉ० नीता तिरुवा	एम०ए०, पी०एच०डी०	सहायक प्राध्यापक	साहित्य ।	09 वर्ष	04
डॉ० हेमवती नन्दन पनेरु	एम०ए०, नेट, पी०एच० डी०, बी०एड०	सहायक प्राध्यापक (संविदा)	साहित्य ।	05 वर्ष	नहीं
डॉ० सुषमा जोशी	एम०ए० संस्कृत एवं शिक्षाशास्त्र पी०एच०डी० बी०एड०,	सहायक प्राध्यापक (संविदा)	साहित्य ।	10 वर्ष	नहीं

12- List of senior Visiting Fellows, adjunct faculty, emirates professors :

13- Percentage of classes taken by temporary faculty-programme-wise information

14- Programme-wise Student Teacher Ratio : कुल संख्या- 275 में 05 प्राध्यापक- 55 विद्यार्थियों पर 01 प्राध्यापक।

15- Number of academic support staff (technical) and administrative staff :

Sanctioned : नैतिक लिपिक पद-01 एवं चतुर्थश्रेणी कर्मचारी पद -01

Filled : नैतिक लिपिक प्रतिदिन तीन घण्टे के लिए उपलब्ध स्थायी (दो विभागों में-

अंग्रेजी एवं संस्कृत में कार्यरत) तथा एक चतुर्थश्रेणी

कर्मचारी-स्थायी।

Actual : दो पृथक्-पृथक् पद।

16- Research thrust area as recognized by major funding agencies : यू०जी०सी

17- Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise :

18- Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration नहीं है।

19- Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : **UGC**

20- Research facility / centre with : केन्द्रिय पुस्तकालय एवं विभागीय पुस्तकालय की सुविधा है।

- State recognition : हाँ
- National recognition : हाँ
- International recognition : नहीं है।

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, D.S.B. CAMPUS, KUMAUN UNIVERSITY

21- Special research laboratories sponsored by/ created by industry or corporate bodies :

कोई नहीं है।

22- Publications :

• Number of papers published in peer reviewed journals (national / international)	11
• Monographs	NA
• Chapters in Books	17
• Edited Books	NA
• Books with ISBN with details of publishers	02
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. detail of patents and income generated : नहीं है।

24.Areas of consultancy and income generated : नहीं है।

25. Faculty selected nationally/internationally to visit other laboratories/ institutions/industries in India and abroad : नहीं है।

26.Faculty serving in

- a) National committees
- b) Inter national committees
- c) Editorial Boards
- d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and seminar programs.

विभाग के सदस्य अभिविन्यास(ओरिएंटेशन),पुनश्चर्या(रिफ्रेशर कोर्स),कार्यशाला एवं शार्ट टर्म कोर्स में प्रतिभाग करते हैं जिसका उल्लेख शिक्षकों के विवरण में किया गया है। वर्ष 2008 नवम्बर महीने में संस्कृत विषय में रिफ्रेशर कोर्स ASC नैनीताल द्वारा चलाया गया था।

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects. नहीं है।
- Percentage of students doing projects in collaboration with other universities / industry/ institute नहीं है।

29-Awards /recognitions received at the national and international level by

- Faculty नहीं है।
- Doctoral/ post doctoral fellows नहीं है।

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- Students : वर्ष-2011में दीक्षान्त समारोह में कु० भावना कोठारी को विश्वविद्यालय में संस्कृत विषय में सर्वाधिक अंक प्राप्त होने पर विश्वविद्यालय द्वारा स्वर्णपदक पुरस्कार दिया गया।

30. Seminars/ Conferences/ Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. दस दिवसीय(13.3.2012 से 24.3.2012 तक) संस्कृत सम्भाषण कोर्स –विभाग में चलाया गया विना आर्थिक अनुदान के।

31- Code of ethics for research followed by the departments :

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4) Four year	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
स्नातक,	1192	120	419	99%	99%
स्नातकोत्तर सेमस्टर	500	50	215	99%	99%
पीएचडी	350	10	17	100%	100%
डी०लिट०	04	03	01	100%	100%

परिसर के संस्कृत विद्यार्थियों का विस्तृत विवरण बी०ए० 2009 –10

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज०	उत्तीर्ण	सा०	पि०जा०	अनु०जा०	अ०ज०	उत्तीर्ण	
बी०ए०प्रथम	02	—	02	—	99%	27	—	09	—	99%	40
बी०ए०द्वितीय	06	—	03	—	99%	12	—	15	—	99%	36
बी०ए० तृतीय	04	—	09	—	98%	28	01	12	—	99%	54

एम०ए० 2009 –10

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज०	उत्तीर्ण	सा०	पि०जा०	अनु०जा०	अ०ज०	उत्तीर्ण	
एम०ए० प्रथम	08	01	08	—	99%	13	04	03	01	99%	38
एम०ए०द्वितीय	04	01	04	—	98%	25	01	09	—	99%	44

शोध कार्य 2009–10

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज०	उत्तीर्ण	सा०	पि०जा०	अनु०जा०	अ०ज०	उत्तीर्ण	
पी०एच डी०	04	—	—	—	100%	02	—	01	—	100%	07
डी०लिट०	02	—	—	—	100%	01	—	—	—	100%	03

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बी०ए० 2010-11

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
बी०ए० प्रथम	02	—	04	—	98%	16	—	07	—	99%	29
बी०ए० द्वितीय	—	—	03	—	98%	13	—	04	—	99%	20
बी०ए० तृतीय	01	—	11	—	99%	33	01	19	—	98%	65

एम०ए० 2010-11

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
एम०ए० प्रथम	05	01	11	—	98%	24	04	06	—	97%	51
एम०ए० द्वितीय	07	01	05	—	99%	13	05	03	01	98%	35

शोध कार्य 2010-11

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
पी०एच डी०	02	—	01	—	100%	03	—	02	—	95%	08
डी०लिट०											

बी०ए० 2011-12

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
बी०ए० प्रथम	02	—	10	—	99%	19	01	18	—	98%	50
बी०ए० द्वितीय	02	—	04	—	99%	19	—	06	—	97%	31
बी०ए० तृतीय	04	—	03	—	99%	22	—	11	—	99%	40

एम०ए० 2011-12

कक्षा	छात्र					छात्रा					कुल
	सा०	पि० जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०ज०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
एम०ए० प्र०से०	01	01	03	—	90%	23	03	13	—	96%	43
एम०ए० द्वि०से०	01	—	—	—	90%	20	02	10	—	99%	33
एम०ए० द्वि०वर्ष	03	03	03	—	100%	19	06	05	01	96%	40

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शोध कार्य 2011-12

कक्षा	छात्र					छात्रा					कुल
	सा0	पि0 जा0	अनु0जा 0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	सा0	पि0जा0	अनु0जा0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	
पी0एच डी0	04	—	01	—	90%	05	—	03	—	100%	13
डी0लिट्0											

बी0ए0 2012-13

कक्षा	छात्र					छात्रा					कुल
	सा0	पि0 जा0	अनु0जा0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	सा0	पि0जा 0	अनु0जा0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	
बी0ए0प्रथम	04	01	12	—	98%	24	—	32	—	98%	73
बी0ए0द्वितीय	03	—	12	—	99%	15	01	06	—	98%	37
बी0ए0 तृतीय	.2	—	03	—	97%	16	—	24	—	99%	45

एम0ए0 2012-13

कक्षा	छात्र					छात्रा					कुल
	सा0	पि0 जा0	अनु0जा0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	सा0	पि0जा0	अनु0ज 10	अ0ज0 जा0	उत्तीर्ण प्रतिशत	
एम0ए0प्र0से0	01	—	—	—	100%	11	01	07	—	99%	20
एम0ए0द्वि0से0	01	—	—	—	100%	10	01	07	—	99%	18
एम0ए0तृ0से0	01	—	—	—	100%	16	02	08	—	99%	27
एम0ए0च0से0	01	—	—	—	100%	16	02	07	—	99%	26

शोध कार्य 2012 -13

कक्षा	छात्र					छात्रा					कुल
	सा0	पि0जा0	अनु0जा0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	सा0	पि0जा0	अनु0जा0	अ0ज0 जा0	उत्तीर्ण प्रतिशत	
पी0एच डी0											
डी0लिट्0	—	01	—	—	100%	01	—	—	—	100%	02

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बी०ए० 2013-14

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
बी०ए० प्रथम	05	—	09	01		21	01	21	01		59
बी०ए० द्वितीय	03	01	12	—		16	—	24	—		56
बी०ए० तृतीय	01	—	08	—		17	01	10	—		37

एम०ए० 2013-2014

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
एम०ए० प्र०से०	—	—	02	01		13	02	12	—		30
एम०ए० द्वि०से०	—	—	02	01		14	02	09	—		
एम०ए० तृ०से०	01	—	—	—		08	01	08	—		18
एम०ए० च०से०	01	—	—	—		07	01	08	—		17

शोध कार्य 2013-14

कक्षा	छात्र					छात्रा					कुल
	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	सा०	पि०जा०	अनु०जा०	अ०ज० जा०	उत्तीर्ण प्रतिशत	
पी०एच डी०	—	—	02	—		03	—	01	—		06
डी० लिट्०	02	—	—	—		—	—	—	—		02

स्नातक, स्नातकोत्तर एवं शोध पाठ्यक्रम—

स्नातक स्तर	स्नातकोत्तर स्तर पर	पीएचडी०	डी० लिट्०
प्रथम वर्ष— 1. नाटक, अलंकार एवं छन्द 2—सुगमपाठ, व्याकरण एवं अनुवाद। द्वितीय वर्ष — 1. काव्य एवं व्याकरण। 2. संस्कृत साहित्य का इतिहास, भारतीय संस्कृति एवं निबन्ध। तृतीय वर्ष— 1. वेद एवं उपनिषद्।	प्रथम सेमेस्टर 1. वेद, एवं वैदिक साहित्य का इतिहास। 2. व्याकरण एवं पाली। 3. सांख्य एवं न्याय। 4. नाटक एवं संस्कृत साहित्य का इतिहास। द्वितीय सेमेस्टर 1. निरुक्त एवं पाणिनीय शिक्षा। 2. प्राकृत एवं भाषा विज्ञान। 3. वेदान्त एवं दर्शन साहित्य का इतिहास। 4. काव्य एवं भारतीय संस्कृति। तृतीय सेमेस्टर 1. व्याकरण।	संस्कृत साहित्य की विभिन्न विधाओं में, काव्यशास्त्रीय विषय, नाट्यशास्त्र, दर्शनशास्त्र, ज्योतिषशास्त्र, वेद, वेदांग एवं वैदिक साहित्य तथा पुराण साहित्य आदि	संस्कृत साहित्य की विभिन्न विधाओं में काव्यशास्त्रीय विषय, नाट्यशास्त्र, दर्शनशास्त्र, ज्योतिषशास्त्र वेद, वेदांग एवं वैदिक साहित्य तथा पुराण साहित्य आदि

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2.काव्य,दर्शन एवं रूप ।	2. गद्य एवं ऐतिहासिक काव्य विकल्प में लघु-शोध । 3. नाट्यशास्त्र 4. काव्य शास्त्र । चतुर्थ सेमेस्टर 1.व्याकरण एवं निबन्ध । 2..संस्कृत नाट्य एवं चम्पू विकल्प में आधुनिकसंस्कृतनाटक । 3.काव्यशास्त्र । 4.मौखिकी । .		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
स्नातक	75%	20%	5%	—
स्नातकोत्तर	75%	20%	5%	—
पीएच0 डी0	70%	20%	10%	—
डी0लिट0	35%	25%	35%	5%

34. How many students have cleared Civil Services and Defense Services examination, NET, SET, GATE and other competitive examinations/ Give details category wise :

NET : सामान्य वर्ग में—

1. हेमन्त जोशी वर्ष —2012
2. भावना कोठारी वर्ष —2013 में
3. अर्चना जायसवाल वर्ष —2014

SET : अनुसूचित जाति में—

1. सुभाष आर्या, वर्ष — 2012
2. पूनम वर्ष —2012
3. अनीता टम्टा वर्ष —2012

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35. Student progression

Student progression	Percent against enrolled
UG to PG	10%
PG to M.Phil	-----
PG to Ph.D.	50%
Ph.D. to Post-Doctoral	20%
Employed ▪ Campus selection ▪ Other than campus recruitment	शैक्षणिक कार्य में नियुक्त- डॉ० रविन्द्र गंगवार, डॉ० कामेन्द्र, डॉ० महेश ध्यानी, डॉ० शेरपाल, डॉ० चन्द्रबल्लभ बेलवाल, डॉ० कृष्ण चन्द्र जोशी, डॉ० अपर्णा, डॉ० तारा जोशी, कमल चन्द्र ।
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	90%
from other universities within the state	
from universities from other States	10%
from Universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
पीएचडी-10
डी०लिट० -02

38. Present details of departmental infrastructural facilities with regard to

a) library विभागीय सदस्यों के सहयोग से संचालित विभागीय पुस्तकालय

b) internet facilities for staff and students नहीं है।

c) Total number of class rooms 02 / दो कक्षाओं की और आवश्यकता है।

d) Class rooms with ICT facility नहीं है।

e) Students' laboratories नहीं / आवश्यकता है।

f) Research Laboratories नहीं / आवश्यकता है।

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution / university 01- अर्चना जायसवाल, 2. सूर्यभान मिश्रा, 3. राजेश्वर मिश्र, 4. चन्द्रबल्लभ बेलवाल, 4. कौशलेन्द्र त्रिपाठी, 5. जितेन्द्र मिश्र, 6. प्रेमनारायण तिवारी, 7. विद्या तिवारी, 8. सुनीता आर्या, 9. नीलम पाण्डेय, 10. श्यामनारायण । (पीएचडी) 02- डॉ० महेश चन्द्र ध्यानी, डॉ० लज्जा भट्ट । (डी०लिट०)

b) from other institutions / universities हेमन्त जोशी. राष्ट्रिय संस्कृत संस्थान लखनऊ (उ०प्र०) से शोधकार्य वर्ष 2013 से।

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40. Number of post graduate students getting financial assistance from the university 1—राष्ट्रिय संस्कृत संस्थान नई दिल्ली द्वारा मेधावी छात्र छात्राओं को प्रदत्त वर्ष छात्रवृत्ति वर्ष – 2011 में

2— उत्तराखण्ड संस्कृत अकादमी हरिद्वार द्वारा मेधावी दो छात्र को प्रदत्त वर्ष – 2013 में

3— राजीव गाँधी शोध छात्रवृत्ति यू0जी0सी0 द्वारा तीन छात्राओं को प्रदत्त वर्ष – 2009, 2012 2013 से

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? विभागीय सभी शिक्षक पाठ्यक्रम की उपयोगिता एवं प्रासंगिकता के सन्दर्भ में चर्चा करते हैं और आवश्यकतानुसार पाठ्यक्रम में बदलाव का प्रस्ताव रखते हैं। स्नातकोत्तर स्तर पर सेमेस्टर पद्धति के लिए पाठ्यक्रम बनाया गया है जिसमें वैकल्पिक प्रश्न पत्र एवं लघुशोध कार्य भी रखा गया है।

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? विभागीय शिक्षकों द्वारा समय-समय पर लिखित-परीक्षा, मौखिक-परीक्षा, असाइमेंट एवं प्रजेंटेशन (प्रस्तुतीकरण) आदि कार्य विद्यार्थियों से कराये जाते हैं जिसका परिणाम सकारात्मक प्राप्त होता है।

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List of distinguished alumni of the department (maximum 10)

1 – प्रोफेसर किरण टण्डन पूर्व विभागाध्यक्ष संस्कृत विभाग डी0एस0बी0 परिसर कुमाऊँ विश्वविद्यालय नैनीताल

44. Give details of students enrichment programmes (special lectures/ workshops/ seminar) involving external experts. : समय समय पर विभाग द्वारा विषय विशेषज्ञों को व्याख्यान हेतु आमन्त्रित किया जाता है तथा संस्कृत सम्भाषण हेतु दस दिवसीय कार्यशाला, संस्कृत दिवस एवं गीता-जयन्ति कार्यक्रम का आयोजन किया जाता है। विद्यार्थियों के संवर्द्धन के लिए विभाग द्वारा विभागीय संस्कृत परिषद् का भी गठन किया गया है।

45. List the teaching methods adopted by the faculty for different programmes.

1 – व्याख्यान पद्धति

2 – प्रश्नोत्तर पद्धति

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

47. Highlight the participation of students and faculty in extension activities. 1.

हेमन्त जोशी—संस्कृतसम्भाषण संचालक, प्रमिला विश्वास, पुष्कर जोशी —संस्कृतसम्भाषण संचालन, पुष्पा गुसाई, गीतांजलि, नीमा, कुसुम, ऋतु, आशा, चन्द्रशेखर, नरेश, कमलेश, अर्चना, सुनीता, दीपशिखा, दिव्या, भगवती, सीमा, नीतू, रेनू, रजनी, निशा, रेखा, मुन्नी, कविता आदि विभागीय सांस्कृतिक कार्यक्रम में प्रतिभाग।

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48. give details of “beyond syllabus scholarly activities” of the department.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

50. Briefly highlight the contributions of the department in generation new knowledge, basic or applied.

परिसर स्तर के सांस्कृतिक कार्यक्रमों में, कार्यशाला में, अन्य विभागों द्वारा आयोजित कार्यक्रम में प्रतिभाग यथा—भाषण, व्याख्यान नाट्यमंचन तथा अन्तर्राष्ट्रिय—राष्ट्रिय शोधसंगोष्ठी, शोधसम्मेलनों एवं प्राच्यविद्या सम्मेलन में प्रतिभाग करते हैं।

51. Detail five major strengths, Weakness, Opportunities and Challenges (SWOC) of the department.

1 : छात्र की अपेक्षा छात्राओं की संख्या अधिक, विभाग का पृथक् भवन, विभाग का पुस्कालय, प्रसाधन की उचित व्यवस्था, अनुशासन।

2 : आधुनिक शैक्षणिक सामग्रियों की कमी, पेयजल का अभाव, इंटरनेट सुविधा का अभाव, कक्ष में कारपेट एवं पर्दे का अभाव एवं विशेषीकरण विषयों के पद की कमी।

3. संस्कृतविषय के अनेकविधाओं के प्रति विद्यार्थियों का रुझान बढ़ेगा एवं अन्य राज्य के विश्वविद्यालयों के छात्र/छात्राएं भी यहाँ से शिक्षा प्राप्त कर विभिन्न क्षेत्रों में कार्य करने में सफल रहेंगे तथा संघ लोक सेवा आयोग जैसे अनेक प्रतियोगी परीक्षा में सफल होकर विश्वविद्यालय की राष्ट्र एवं विश्वस्तर में अपनी पहिचान बनेगी।

4. संस्कृतविषय में निहित शाश्वत एवं सार्वभौमिक ज्ञान को सार्वजनिक पाठ्यक्रम में समावेशित करते हुए समाज एवं राष्ट्र का बहुमुखी विकास करना।

52. Future plans of the department. ।

1 —स्नातकोत्तर स्तर पर ज्योतिष शास्त्र में एक वर्षीय डिप्लोमा कोर्स —

भूमिका — प्राचीन काल में आकाशीय चमत्कारी परिवर्तनों के आधार पर मनुष्य अपने जीवन के कार्य व्यवहार में शुभाशुभ कार्य का विचार करती थी जैसे— कृषि कार्य, शुभ विवाहादि मुहूर्त तथा राजा जनों की जय पराजय आदि वैसे ही आज भी समाज में जन्मांक चक्रों के माध्यम से मानव के आयु, रोग, धनसम्पत्ति, तथा सुख दुःख का पता करके सही मार्ग पर चलाना ज्योतिषशास्त्र की मुख्य भूमिका है।

महत्त्व — ज्योतिष शास्त्र वर्तमान समय में अत्यधिक महत्त्व रखता है इसके अध्ययन और अध्यापन से व्यक्ति संसार की सभी वस्तुओं का ज्ञान प्राप्त कर सकता है। इसके अध्ययन से तिथि, नक्षत्र, योग, करण, पक्ष, मास, ऋतु, षोडश संस्कार आयु विचार, वास्तु ज्ञान, तथा संवत्सर आदि का बोध होता है वराहमिहिर ने कहा भी है—

वनं समाश्रिता येऽपि निर्ममा निष्परिग्रहाः अपि ते परिपृच्छन्ति ज्योतिषां गतिकोविदम्।

अप्रदीपा यथा रात्रिनादित्यं यथा नभः तथाऽसाम्बत्सरो राजा भ्रमत्यन्ध इवा ध्वनिः॥

अर्थात् जो वन में रहते हैं सांसारिक भोगों से रहित हैं सम्पत्ति विहीन हैं वे भी ज्योतिषी से प्रश्न पूछते हैं विना ज्योतिषी के राज्य भी उसी प्रकार अन्धकार युक्त रहता है जैसे विना दीप के रात्रि और विना सूर्य के आकाश।

उद्देश्य — वर्तमान समय में प्रत्येक विश्वविद्यालय में ज्योतिषशास्त्र में डिप्लोमा कोर्स चलाये जा रहे हैं जिससे विद्यार्थियों को रोजगार के अवसर प्राप्त हो रहे हैं जो वर्तमान समय की मांग है। इसी बात को ध्यान में रखकर संस्कृत विभाग डी०एस०बी०परिसर कुमाऊँ विश्वविद्यालय नैनीताल द्वारा विभाग में डिप्लोमा कोर्स चलाने का प्रस्ताव रखा गया है।

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ज्योतिष शास्त्र के ज्ञान के लिए स्नातकोत्तर स्तर में एक वर्षीय डिप्लोमा कोर्स निम्नवत् है—

- ❖ पंचांग निर्माण विधि
- ❖ भारतीय ज्योतिष का इतिहास
- ❖ मुहूर्त विचार एवं आवश्यकता
- ❖ जन्म कुण्डली का निर्माण विधि
- ❖ ग्रह परिचय एवं ग्रहों का फल
- ❖ विवाह मेलापक और गोचर विचार
- ❖ द्वादश भावों से ग्रहादि का ज्ञान
- ❖ फलित ज्योतिष के आधारभूत सिद्धान्त

मूलभूत आवश्यकताएँ

- 1—इस पाठ्यक्रम को चलाने हेतु दो विषय विशेषज्ञ की आवश्यकता होगी।
- 2—एक प्राध्यापक कक्ष एक अध्यापन कक्ष तथा एक प्रयोगशाला की आवश्यकता होगी।
- 3 — एक तृतीय श्रेणी एवं एक चतुर्थ श्रेणी कर्मचारी की आवश्यकता होगी।

अनुमानित वार्षिक व्यय

- 1 — एक गणित ज्योतिष तथा एक फलित ज्योतिष सहायक प्राध्यापक का वार्षिक वेतन —रु0 1200,000
लगभग
- 2 — तृतीय एवं चतुर्थ श्रेणी कर्मचारी का वार्षिक वेतन —
रु0 360,000 लगभग
- 3 — कक्ष एवं प्रयोगशाला निर्माण हेतु अनुमानित व्यय —
रु0 1500,000 अनुमानित
- 4 — उपकरण एवं पुस्तकों का अनुमानित व्यय —
रु0 1000,000 अनुमानित

कुल योग — चालीस लाख साठ हजार रुपये

रु0 4060000= लगभग

2 —संस्कृत सम्भाषण पाठ्यक्रम आयोजित करना—

- ❖ प्रथम दीक्षा। तीन महिने
- ❖ द्वितीय दीक्षा। तीन महिने
- ❖ तृतीय दीक्षा। तीन महिने

आवश्यकताएँ—एक संभाषण शिक्षक की आवश्यकता है जिसका वार्षिक अनुमानित वेतन—रु0 2,000,00 /
दो लाख रु0

3 —दो दिवसीय शोध—संगोष्ठी आयोजित करना — विषय—वैदिक साहित्य की प्रासंगिकता।

- 1 — आमन्त्रित विद्वानों के यात्रा अनुमानित व्यय —
रु0 150,000
- 2 — भोजन एवं आवास व्यवस्था में अनुमानित व्यय—
रु0 300,000
- 3 — संगोष्ठी स्थल व्यवस्था आदि में अनुमानित व्यय —
रु0 100,000

कुल योग

रु0 550,000

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1. Name of the Department

Department of Sanskrit

2. Year of Establishment

1952 to 1972- Agra University and then from 1973 Kumaun University

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D. & D.Litt.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	01	01	Upgraded Professor
Asst. Professors (CAS) & 02 Upgraded Associate professor (CAS)	03	03	01 Upgraded
Others			

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig-nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Pushpa Awasthi	M.A., Ph.D.	Professor	Sanskrit Litt., Pali & Prakrit	34 Years	02
K.N. Pande	M.A., Ph.D.	Professor	Indian philosophy	28 Years	05
H.B. Khothiyari	M.A., Ph.D.	Associate Professor	Sanskrit Litt.	25 years	05
Shalima Tabassum	M.A., M.Phil., Ph.D.	Associate Professor	Sanskrit Litt.,	14 Years	----

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Visiting Fellows
 - o Professor J.K. Godiyal- Lecture in Kavyashastra.
 - o Professor Mahaveer Agarwal- Lecture in Ved.
 - o Professor Satya Dev Nigamalankar- Lecture in Nirukta.

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

U.G. 1:50, P.G. 1:15, Total 1:65

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition YES
- National recognition YES
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	11
• Monographs	NA
• Chapters in Books	17
• Edited Books	NA
• Books with ISBN with details of publishers - o ISBN-978-81-7110-449-9, Parimal Publications, Shakti Nagar, Delhi 07, 2013 - o ISBN- 978-81-8435-390-7, Adhayayan Publishers & distributors, New Delhi, 2013	02
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

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25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a)	National committees	NA
b)	International committees	NA
c)	Editorial Boards	NA
d)	any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Dr. Shalima Tabassum, Associate professor, Refresher Course from Kumaun University SSJ Campus Almora Dec-2010.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty
 - i. Dr. Shalima Tabassum, Associate, Indian Institute of Advanced Study, Shalima.
 - ii. Dr. Pushpa Awasthi- 'SANSKRIT SEWA SAMMAN' - Hariyana Sanskrit Academy, Hariyana 2013
 - iii. Dr. Pushpa Awasthi- 'SAMAJ SEWA SAMMAN PATRA'- Rashtriya Sewa Yojan Prakoshtha- Uttarakhand 2013
- Doctoral / Post-Doctoral fellows NA
- Students Anita Bhoj: Rajeeva Gandhi Fellow for Ph.D work.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

YES

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32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
U.G.	739	124	615	NA	NA
P.G.	414	85	329	100%	100%
Ph.D.	30	21	09	NA	NA
D.Litt.	02	01	01	NA	NA

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G.	100%	Nil	Nil	Nil
P.G.	100%	Nil	Nil	Nil
Ph.D.	80%	10%	10%	Nil
D.Litt.	Nil	50%	50%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

04 UGC-NET Qualified

35. Student progression

Student progression	Percentage against enrolled
UG to PG	25%
PG to M.Phil.	NA
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	NA
Employed	NA
☐ Campus selection	
☐ Other than campus recruitment	
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	NA
from universities from other States	50%
from universities outside the country	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, S.S.J. CAMPUS, KUMAUN UNIVERSITY

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library	NA
b) Internet facilities for staff and students	NA
c) Total number of class rooms	02 for UG, 02 for PG
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	08 Registered for Ph.D.
b) from other institutions/universities	07 Registered for Ph.D.
- **Name & year of registered Research Scholars-**
 - i. Manoj Joshi, 2012
 - ii. Vijay Kumar, 2012
 - iii. Ganesh Dutt Upadhyay, 2012
 - iv. Suman Pande, 2012
 - v. Durga Upadhyay, 2012
 - vi. Subhash Joshi, 2010
 - vii. Satish Joshi, 2010
 - viii. Kailash Chandra Bhatt, 2010
 - ix. Kaustubanand, 2010
 - x. Jagdish Chandra, 2010
 - xi. Kameshwer Prasad, 2010
 - xii. Bhuwan Chandra Mishra, 2007
 - xiii. Anita Bhoj, 2010
 - xiv. Kala Joshi, 2010
 - xv. Ramesh Kumar, 2012

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, S.S.J. CAMPUS, KUMAUN UNIVERSITY

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

Chalk & Walk, Class room teaching with text books.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

- Dr. Shalima Tabassum, Associate professor, Refresher Course from Kumaun University S.S.J. Campus Almora Dec 2010.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Modern Sanskrit, Sanskrit Litt., Pali & Prakrit

EVALUATIVE REPORT OF THE DEPARTMENT OF SANSKRIT, S.S.J. CAMPUS, KUMAUN UNIVERSITY

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Increasing Students strength.
 - ii. Excellence in research work.
 - iii. Well attendance in class room teaching.
 - iv. Fellowship/Scholarship to research & P.G. Students.
 - v. Produced Gold Medal holder Students & awarded honors' by other Institutes Like Uttarakhand Sanskrit Academy, Hardwar.
- **Weaknesses**
 - i. Lack of proper building & class rooms.
 - ii. Lack of class iii & iv employees.
 - iii. Insufficient Books grants.
 - iv. Lack of proper Library facility for good research.
 - v. No Language Lab.
- **Opportunities**
 - i. Job oriented course can be achieved by Jyotish.
 - ii. Job achieved by Karma Kanda and Vastu Shastra studies.
 - iii. Students are prepared for teaching in Secondary & Higher Education.
 - iv. Students are prepared for IAS & PCS cadre examinations.
 - v. Yoga study in Sanskrit is very important for mental & physical health.
- **Thrusts**
 - i. Adjustment of Sanskrit Scholars for the study of Computer application.

52. Future plans of the department.

- i. Popularization of Ancient Manuscripts to produce Diploma & Certificate courses in Ancient Indian Language- Pali & Prakrit.
- ii. As per need of Diploma & Certificate Courses in Jyotish Shastra.
- iii. Karma Kanda Shastra in P.G. 7 Diploma & Certificate Courses.
- iv. To promote the Vastu Shastra, Degree, Diploma & Certificate Courses.
- v. To Apply Bhartiya Darshan Shastra in P.G. Classes.

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1. Name of the Department

Department of Sociology, D.S.B. Campus

2. Year of Establishment

1974

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Course/ Programme	Degree awarded	Subject combinations
UG	B. A.	Basic Sociological Concepts
		Indian Social System
		Social Change in India
		Techniques of Social Survey and Social Research
		History of Sociological Thoughts
		Applied Sociology
PG	M. A.	Classical Sociological Thinkers
		Methods in Social Research
		Rural Sociology
		Urban Sociology
		Indian Sociological Thinkers
		Techniques of Social Research and Statistics
		Planned Change and Rural Development
		Urban Problems and Development
		Theoretical Perspective in Sociology
		Sociology of Development: Concept and Theories
		Studies of Tribes and Weaker Sections
		Criminology
		Modern Sociological Perspective
		Sociology of Development in Indian Context
		Gender and Society
		Area of Specialization- Project work/Social Demography
Ph. D.	Doctorate of Philosophy	Studies on Tribes and Backward Communities
		Gender, Weaker Section & Gerontological Studies
		Rural Sociology
		Gender and Tribal Studies
		Criminology
		Urban & Gender Studies
		Industrial Sociology
		Contemporary Sociological Problems

EVALUATIVE REPORT OF THE DEPARTMENT OF SOCIOLOGY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

5. Interdisciplinary programmes and departments involved

- Pre- Ph. D. course is going on, on the basis of interdisciplinary approval
- Workshop for the research methodology has been organized for the research students for SC/ST and Minorities

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

Academic Staff College

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	01	-
Associate Professors	01	-	01
Asst. Professors	04	-	-
Others	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. Students guided in last four years
Dr. Bhagwan S. Bisht	M. A. Ph.D., D.Litt.	Professor	Studies on Tribes and Backward Communities	36	Ph. D. - 11
Dr. Indu Pathak	M. A., Ph. D.	Professor & Head	Gender, Weaker Section & Gerontological Studies	34	Ph. D. - 11

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Dr. D. S. Bisht	M. A., Ph. D.	Professor	Rural Sociology	23	Ph. D. – 18
Dr. Jyoti Joshi	M. A., Ph. D.	Associate Professor	Gender and Tribal Studies	17	Working for Ph. D. – 04
Dr. Archana Srivastava	M. A., M. Phil, Ph. D.	Associate Professor	Industrial Sociology Contemporary Social Problems	16	-
Dr. Priyanka N. Ruwali	M. A., Ph. D.	Assistant Professor	Urban & Gender Studies	11	01

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

S. No.	Name	Address	Date
1.	Prof. A. K. Srivastava	Department of Sociology, Lucknow University, Lucknow	07-09-2009
2.	Dr. B. Mohan Kumar	Prof. & Head Department of Social Sciences, GBPUAT, Pantnagar	23-10-2009
3.	Prof. A. K. Pandey	Department of Sociology, BHU Vranasi	19-06-2010
4.	Prof. A. K. Kaul	Department of Sociology, BHU Varanasi	03-07-2010
5.	Prof. K. L. Sharma	Vice-Chancellor, Jaipur National University, Jaipur, Rajasthan	19-07-2010
6.	Prof. Satyendra Tripathi	Pro-Vice-Chancellor, of Sulabh International Academy of Environmental Sanitation, New Delhi	20-07-2010
7.	Prof. Santosh Kumar Pant	Senior Faculty GB Pant Social Science Institute Jhusi, Allahabad- 211019	21-07-2010
8.	Prof. Noor Mohamad	Head & Chairman, Department of Sociology, AMU Aligarh (UP)	22-07-2010
9.	Dr. Birendra Kumar	Prof. & Head, Agricultural Communication & Director Communication at GB Pant University of Agriculture and Technology, Pantnagar	23-07-2010
10.	Dr. A. N. Singh	Head, Department of Social Work University of Lucknow UP	24-07-2010
11.	Bal Krishna	Professor of Finance, Department of Commerce, H. P. University, Shimla 171005	25-07-2010
12.	Dr. G. S. Saun	Director, ICSSR, New Delhi	26-07-2010
13.	Prof. A. K. Srivastva	Department of Sociology, Lucknow University, Lucknow	18-12-2010
14.	Prof. Noor Mohamad	Head & Chairman, Department of Sociology, AMU Aligarh (UP)	27-12-2010
15.	Dr. B. Mohan Kumar	Prof. & Head Department of Social Sciences, GBPUAT, Pantnagar	30-03-2011

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16.	Prof. S. K. Sharma	HOD, Sociology, Himanchal University Himanchal	06-12-2011
17.	Prof. S. K. Sharma	HOD, Sociology, Himanchal University Himanchal	21-07-2012
18.	Prof. G. K. Agarwal	Ex. Head Deptt. of Sociology Kumaun University, Nainital	01-11-2012
19.	Prof. A. K. Joshi	Department of Sociology, BHU Varanasi	03-11-2012
20.	Prof. Brahmchari	GBPU, Pantnagar	08-12-2012
21.	Prof. V. K. Pant	Ex- Head, Department of Sociology, Kumaun University, Nainital Vikas Apartments, Lucknow	20-05-2013
22.	Prof. V. K. Sisodiya	Deptt. of Sociology, DAV PG College, Dehradun	16 & 17-07-2013
23.	Prof. V. K. Pant	Ex- Head, Department of Sociology, Kumaun University, Nainital Vikas Apartments, Lucknow	09-09-2013
24.	Prof. I. S. Chauhan	Ex- High Commissioner of India to Fizi Head Ex-VC Barkautullaha University, Bhopal M.P.	18-10-2013
25.	Prof. Noor Mohamad	Head & Chairman, Department of Sociology, AMU Aligarh (UP)	19-10-2013
26.	Prof. Abdul Mateen	Chairman Deptt. of Sociology, Social Work and Criminology AMU Aligarh	20-10-2013
27.	Prof. S. P. Gupta	Head Deptt. of Sociology, L. M. Sukhadia University, Jodhpur, Rajasthan	25-10-2013
28.	Prof. Noor Mohamad	Head & Chairman, Department of Sociology, AMU Aligarh (UP)	13-12-2013
29.	Prof. J. K. Pundir	Head Deptt. of Sociology, Meerut University, Meerut	16-12-2013
30.	Prof. B. M. Kumar	G. B Pant University Pantnagar	07-03-2014

13. Percentage of classes taken by temporary faculty – programme-wise information

Programme	% of classes taken by temporary faculty
B.A.	20 % UG Class (During 2010-2012)

14. Programme-wise Student Teacher Ratio

Programme	Total no of Students	Total no of faculty engaged	Ratio of teachers to students	% of workload taken by temporary faculty
UG	927	06	1:155	20% (2010-12)
PG	31	06	1:5	-
Ph.D.	29	05	1:6	-

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic Supported Staff	Sanctioned (Number)	Filed (Number)		Actual	
		Male	Female	Male	Female
Class III	01	01	-	01 (on contract Basis)	
Class IV	01	01	-	01	

16. Research thrust areas as recognized by major funding agencies

- Tribal Society:
 - o Socio-cultural Development
 - o Cultural Transformation
 - o Education, Health Hygiene and Nutrition
- Unorganized Sector Workers
- Minorities in plural society

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of Faculty	Title of the project	Funding Agency	Amount (Rs.)	Year (From-To)
Prof. B. S. Bisht	Minorities in a plural society- A socio-economic study of the Muslim of Kumaun Himalayas in Uttarakhand	ICSSR, New Delhi	3,13,900/-	1-4-2007 to 31-3-2009
Prof. D. S. Bisht	Education, Health, Hygiene and Nutrition among the Women of Uttarakhand	University Grants Commission, New Delhi	4,49,200	Feb. 2009 to January, 2011

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

ICSSR, New Delhi and UGC, Delhi = Rs.763,100/=

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20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	26/ 04
• Monographs	NA
• Chapters in Books	10
• Edited Books	NA
• Books with ISBN with details of publishers	01 (978-81909235-9-0 Sriyanshi Publication, Agra 2011)
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

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26. Faculty serving in

a)	National committees	YES
	• as a member of advisory Committee of the Research Journal, Observer of CBSC Board, New Delhi • Subject Expert of Different Universities	
b)	International committees	YES
	• as a member of International Sociological Association	
c)	Editorial Boards	YES
	• Member- Editorial Board – University Magazine	
d)	any other (please specify)	YES
	• Member of BOS & RDC in Indian Universities. • At the university level, DSW Board, Proctorial Board, Board of Studies, Academic Council, in various capacities in university examination and other committees sports, admission, MSS etc.	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Workshop/Seminar/Conferences (Theme)	Organized by
Training course on Research Methodology and Computer Application in Social Science Research 19-28, July 2010	Prof. B. S. Bisht
Globalization and the Downtrodden Section of Indian Society; Developmental Perspective: Status, Problems and Future Prospects 6-7 November, 2011	Prof. B. S. Bisht
Research Methodology Course for Ph. D. Students (ST/SC Category) in Social Science Research; October 18 to 27, 2013	Prof. B. S. Bisht
Refresher courses Coordination– (In collaboration with ASC/UGC Kumaun University, Nainital) • Course-Coordinator of Refresher Course in Social Values, (Multidisciplinary) w.e.f. 31 July - 21 August, 2009. • Course-Coordinator of Refresher Course in Human Rights, (Multidisciplinary), w.e.f. 5 December, 2009 - 23 December, 2009. • Course-Coordinator of Refresher Course in Research Methodology (Multidisciplinary), w.e.f. 16 July, 2010 to 05 August, 2010. • Course-Coordinator of Refresher Course in Human Rights & Value Education, w.e.f. 03 November, 2011 to 23 November, 2011. • Course-Coordinator of Refresher Course in Sociology, w.e.f. 03 December to 23 December, 2013.	Prof. D. S. Bisht

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28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
100 % PG Students have done in house-projects during 2012-13
- percentage of students doing projects in collaboration with other universities / industry / institute
NA

29. Awards / recognitions received at the national and international level by

- Faculty
Prof. B.S. Bisht (Acharya Narandra Dev Alankaran 2009-10)
- Doctoral / Post-Doctoral fellows
NA
- Students
NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/ Conferences / Workshops/	Period	Funding source	Name of one/ two eminent person invited
Training course on Research Methodology and Computer Application in Social Science Research	19-28, July 2010	ICSSR, New Delhi	Prof. K. L. Sharma, Prof. Satyendra Tripathi, Prof. Santosh Kumar Pant, Prof. Noor Mohamad, Dr. Birendra Kumar, Prof. Santosh Kumar Pant,
Globalization and the Downtrodden Section of Indian Society; Developmental Perspective: Status, Problems and Future Prospects	6-7 November , 2011	ICSSR, New Delhi	His Excellency Nazareth Pascal Alan, India's High Commissioner & Ambassador Respectively to Ghana, Volla, Tonga & of India too Liberia, Egypt, Mexico Prof. K. L. Sharma Ex- VC Prof. S. Tripathi Ex- Pro VC Prof. Yogendra Singh Prof. Noor Mohammad Prof. S. B. Singh Prof. M. H. Makwana
Research Methodology Course for Ph. D. Students (ST/SC Category) in Social Science Research;	October 18 to 27, 2013	ICSSR, New Delhi	Prof. I. S. Chauhan, Prof. Noor Mohamad, Prof. Abdul Mateen, Prof. S. P. Gupta, Prof. Noor Mohamad, Dr. G. S. Saun,

The teaching faculties of the department participated in orientation & refresher courses.

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31. Code of ethics for research followed by the departments

Research work with a definite attendance at the center. The examination process is guided by the new Ph. D. ordinance. Code of ethics for research followed by the department-

- Department follows a definite code of conduct and ethics for Ph. D. programme with entrance test at university level
- Exemption for NET/JRF candidates is made as per UGC regulation
- One semester course work is essential for all candidates. Students have to clear three paper i.e. research methodology, recent advances in sociology and a project work based on empirical field study
- After course work, candidate has to appear before RDC with a well-developed synopsis and defend it before the RDC
- After the approval of RDC the candidate, under supervision of a guide, pursues the research work with a definite attendance at department. The whole process is guided by the new UGC Ph. D. ordinance.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG Programme	Records are available in faculty office				
BA – I		679	985	263	441
BA – II		436	901	183	410
BA – III		543	916	224	408
PG Programme	155	43	98	13	41
Ph. D. Programme	25	20	17	03	01

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG Programme	98%	-	2%	-
PG Programme	97%	-	3%	-
Ph.D. Programme	72%	03%	25%	8%

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34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of the Student	Exam Qualified	Category
Deepak Paliwal	NET	General
Deepti Mishra	NET/JRF	General
Snigdha Rawat	NET	General
Ruguono Tapa	NET	ST
Urvashi Pandey	NET	General
Ila Bisht	NET	General
Sanjeev Kumar Arya	NET	SC
Garima S. Pal	NET	General
Chandra Prakash	NET/JRF	General
Sweta Lohani	NET	General
Ravi Bhushan	NET/JRF	ST
Prakhar Bisht	NET	General
Irfan Ahmad	NET	-
Naresh Gwal	NET	ST
Neetu Fulara	NET/JRF	General
Ruchir Bajpayee	NET	General

35. Student progression

Student progression	Percentage against enrolled
UG to PG	10-20%
PG to M.Phil.	10-15%
PG to Ph.D.	--
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	04
from other universities within the State	NA
from universities from other States	02
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

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38. Present details of departmental infrastructural facilities with regard to

a) Library	YES
b) Internet facilities for staff and students	YES for Staff
c) Total number of class rooms 02 for PG Classes & 03 for UG on Sharing Basis	
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	27
b) from other institutions/universities	10

S. No.	Name of the Scholar	Father's Name	Supervisor	Awarded/ On Going
1	Chuimei L.	Mr. Zothot L.	Prof. B. S. Bisht	Submitted
2	Anoop Singh	Mr. Dhuj Ram	Prof. B. S. Bisht	Submitted
3	Ruguono Tepa	Mr. Keholoshu	Prof. B. S. Bisht	Submitted
4	Arun Kumar Singh	Mr. R N Singh	Prof. D. S. Bisht	
5	Dhurba Prasad Bashyal	Mr. R. P. Bashyal	Prof. D. S. Bisht	
6	Manoj Kumar Balmiki	Mr. G. Lal	Prof. D. S. Bisht	
7	Prema Chaudhary	Mr. M. L. Chaudhary	Prof. B. S. Bisht	Awarded
8	Mohan Prasad Bhatt	Mr. Tikaram Bhatt	Dr. Jyoti Joshi	
9	Rajesh Kumar Tiwari	Mr. I. D. Tiwari	Prof. D. S. Bisht	
10	Urvashi Pandey	Mr. A. D. Pandey	Prof. Indu Pathak	Awarded
11	Ajay Kumar	Mr. Tikaram Joshi	Prof. B. S. Bisht	Awarded
12	Nitika Pant	Mr. R. K. Pant	Dr. Jyoti Joshi	
13	Balgindar Kaur	Mr. Karnail singh	Dr. D. S. Bisht	
14	Prabha Pradhan	Mr. D. K. Pradhan	Prof. D. S. Bisht	
15	Brijesh Kumar Tiwari	Mr. R. K. Tiwari	Prof. D. S. Bisht	
16	Kamrudeen	Mr. M. B. Alam	Prof. D. S. Bisht	
17	L. Soniya Devi	Mr. L. S. K. Singh	Prof. D. S. Bisht	Awarded
18	Deepti	Mr. H C Mishra	Prof. B. S. Bisht	
19	Poonam Singh	Mr. B. Singh	Dr. Jyoti Joshi	
20	Ila Bisht	Mr. Rajendra Singh	Dr. Jyoti Joshi	
21	Kanika Chand	Mr. Tribhuwan Chand	Prof. Indu Pathak	
22	Sanjeev Kumar Arya	Mr. P R Arya	Prof. Indu Pathak	
23	Mahipal Singh	Mr. B. S. Rana	Prof. Indu Pathak	
24	Kishor Kumar	Mr. Pooran Chandra	Dr. Jyoti Joshi	
25	Pooja Singh	Mr. R. B. Singh	Prof. D. S. Bisht	
26	Garmia S. Pal	Mr. B. S. Pal	Prof. B. S. Bisht	
27	Chandra Prakash	Mr. Ramlakhan	Dr. Jyoti Joshi	
28	Sweta Lohani	Mr. S. C. Lohani	Prof. D. S. Bisht	
29	Prakhar Bisht	Mr. L S Bisht	Prof. B. S. Bisht	
30	Ruchir Bajpayee	Mr. D. P. Bajpayee	Prof. D. S. Bisht	
21	Naresh Singh Gwal	Mr. B. S. Gwal	Dr. P. N. Ruwali	

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32	Ravi Bhushan Singh	Mr. R. K. Singh	Prof. Indu Pathak	
33	Anulekha Bisht	Mr. M. S. Bisht	Prof. Indu Pathak	
34	Irfan Ahmad	Mr. Gulam Hasan	Dr. Jyoti Joshi	
35	Anil Pandey	Mr. S. Pandey	Prof. D. S. Bisht	
36	Neetu Fulara	Mr. G. B. Fulara	Prof. Indu Pathak	
37	Suchita Pandey	Mr. S. S. Pandey	Prof. D. S. Bisht	

List of Doctoral Awarded Research Scholars (during last 5 years)

S. No.	Name of the Scholar	Supervisor	Date
1	Deepak Paliwal	Prof. B. S. Bisht	
2	Meena Prudhalkoti	Prof. S. S. Pandey	07-09-2009
3	Manisha Srivastava	Prof. S. S. Pandey	23-10-2009
4	Wangkhem Rakeshori	Prof. D. S. Bisht	19-06-2010
5	Osmand Ballantyne	Prof. D. S. Bisht	03-07-2010
6	Monika Bisht	Prof. D. S. Bisht	22-07-2010
7	Mamta Mehra	Prof. Indu Pathak	18-12-2010
8	Snigdha Rawat	Prof. B. S. Bisht	27-12-2010
9	Neema Bora	Prof. D. S. Bisht	30-03-2011
10	Abha Joshi	Prof. Indu Pathak	06-12-2011
11	Chandrasekhar Khati	Prof. B. S. Bisht	28-03-2012
12	Laishram Sonia Devi	Prof. D. S. Bisht	06-06-2013
13	Prema Chaudhary	Prof. B. S. Bisht	16-08-2013
14	Vinod Bhoj	Prof. B. S. Bisht	17-08-2013
15	Urvashi Pandey	Prof. Indu Pathak	09-09-2013
16	Ajay Kumar	Prof. B. S. Bisht	13-12-2013
17	Meenaxi Sailza	Prof. B. S. Bisht	
18	Krishna Raj Bhatt	Prof. B. S. Bisht	16-12-2013
19	Deepti Dhami	Prof. Indu Pathak	07-03-2014

40. Number of post graduate students getting financial assistance from the university.

All SC and ST Students are getting scholarship as per govt. rule

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - During regular meetings of departmental committee, significant discussion have been done on curriculum and teaching learning evaluation. Suggestion from the senior

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faculties of affiliated colleges are also invited. The internal and external members of universities' board of studies, (sociology) discuss the issue and proper modification are made. This year, on the basis of this feedback a new paper 'Social Demography' is introduced in PG programme.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- This year the process of taking feedback of students on staff, curriculum and teaching-learning evolution is started (Report is enclosed herewith) this feedback show that students are keenly interested to get internet facility and a well-established library at departmental level. For this purpose it is decided to pursue the university authorities.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

S. No.	Name	Designation	Present Institution
1	Dr. Renu Arya	Assistant Professor	SSJ Campus, Kumaun University Nainital
2	Dr. Deepak Paliwal	Assistant Professor	Uttarakhand Open University, Haldwani, Nainital
3	Dr. Priyanka Ruwali	Assistant Professor	DSB Campus, Kumaun University Nainital
4	Ms Deepti Mishra	PCS, Subordinate Services	Distt. Nainital Uttarakhand
5	Dr. Urbashi Pandey	Selected as Asst Prof. by Uttarakhand Higher Education Commission (2014) Posting Awaited	
6	Dr. Chandra Prakash	Selected as Asst Prof. by Uttarakhand Higher Education Commission (2014) Posting Awaited	
7	Dr. Seema Pandey	Assistant Professor (Contract base)	Govt. PG College, Rishikesh Uttarakhand
8	Dr. Sigdha Rawat	Assistant Professor (Contract base)	MB PG College, Haldwani, Nainital
9	Dr. Kusum Lata Arya	Assistant Professor (Contract base)	SSJ Campus, Kumaun University Nainital
10	Dr. Darshana Pant	Assistant Professor (Contract base)	Govt. PG College, Berinag, Almora

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Two training course on Research Methodology are organized by department.

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Students participation	Workshop Theme	No. of external experts involved
All students of Ph. D. programme including students of other social sciences	Training Course on Research Methodology and Computer Application in Social Science (July 19-28, 2010)	Prof. K. L. Sharma, Vice-Chancellor, Jaipur National University, Jaipur, Rajasthan Date- 19-07-2010
		Prof. Satyendra Tripathi, Pro-Vice-Chancellor, of Sulabh International Academy of Environmental Sanitation, New Delhi Date- 20-07-2010
		Prof. Santosh Kumar Pant, Senior Faculty GB Pant Social Science Institute Jhusi, Allahabad-211019 Date- 21-07-2010
		Prof. Noor Mohamad, Head & Chairman, Department of Sociology, AMU Aligarh (UP) Date- 22-07-2010
		Dr. Birendra Kumar, Prof. & Head, Agricultural Communication & Director Communication at GB Pant University of Agriculture and Technology, Pantnagar Date- 23-07-2010
		Dr. A. N. Singh, Head, Department of Social Work University of Lucknow UP Date- 24-07-2010
		Bal Krishna, Professor of Finance, Department of Commerce, H. P. University, Shimla 171005 Date- 25-07-2010
ST/SC students of Ph. D. programme	Research Methodology Course for Ph. D. Students (ST/SC Category) in Social Science Research (October 18-27, 2013)	Prof. I. S. Chauhan, Ex- High Commissioner of India to Fizi Head Ex-VC Barkautullaha University, Bhopal M.P. Date- 18-10-2013
		Prof. Noor Mohamad, Head & Chairman, Department of Sociology, AMU Aligarh (UP) Date- 19-10-2013
		Prof. Abdul Mateen, Chairman Deptt. of Sociology, Social Work and Criminology AMU Aligarh Date- 20-10-2013
		Prof. S. P. Gupta, Head Deptt. of Sociology, L. M. Sukhadia University, Jodhpur, Rajasthan Date- 25-10-2013
		Dr. G. S. Saun Director, ICSSR, New Delhi

45. List the teaching methods adopted by the faculty for different programmes.

- The students of department are exposed to a wide variety of learning experiences. These include-
 - Class room lectures

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- Group discussions
- Weekly seminar at PG and Ph. D. level
- Field observation: For MA IV semester and Ph. D. Programme
- Special tutorials for weak and slow learner students
- To provide notes and teaching material to students

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- To take feedback from students
- To take feedback from parents
- Periodic interaction between students and faculty members
- Internal assessment of student through tests and presentation

47. Highlight the participation of students and faculty in extension activities.

- i. The teachers of department are actively involved in various institutional activities at campus and University level. They play important role in following activities –
 - Play important role in the functions organized to celebrate Independence day, Gandhi Jyanti, Pant Jayanti etc.
 - Faculties are part of editorial board of university magazine
 - Playing important role in the selection process of university level sports team
 - Participation in the community activities of “Mahila Samakhya”, an organization working for the empowerment and development of rural women
- ii. The department has organized various activities for the students like debate, extempore, essay writing competitions etc. Students have participated in all these activities with high spirit. Motivational guidance of faculty members is definitely significant for this participation.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Participation of department in the formation of state level sociological society; named Sociological Association of Uttarakhand (SAUK) which is now a registered society. Senior faculty of department Prof. B. S. Bisht is the Founder President of the Association and other faculty members and research scholars have the life membership of this association.
- Since its inception, the association has organized 05 conferences and participation of National level renowned social scientist as a resource person in these conferences proved the significance of this association.
- A cultural association is formed at department level and under the auspices of this association the department organized activities like debate extempore, elocution, quiz, essay competitions etc. It gives students a platform to enhance their talent. The department also invites subject experts for guest lectures at various occasions.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

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50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Publications:** Research Papers in many international and national journal of social sciences
- The department has undertaken major and minor research project in field of tribal studies
- All our Ph. D. level works (awarded and on-going) are based on empirical data. These thesis are related to contemporary social problems

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. All the faculty members are highly qualified, dedicated and integrated as a unit
 - ii. Student of different categories i.e. SC, ST, OBC and women are accommodated in the various programme in the department
 - iii. Attracting students, particularly of Ph. D. Programme, from other universities
 - iv. Considerable enrolment of students in different programme
 - v. 72% NET/JRF qualified students (45 % NET, 27% JRF) are part of Ph. D. Programme in the academic session 2013-14
- **Weaknesses:**
 - i. Lack of proper basic infrastructural facilities i.e. insufficient lecture rooms and rooms for faculties
 - ii. Lack of funds to run day to day activities of department
 - iii. Lack of an efficient E-governance at departmental level
 - iv. An established office is required to maintain departmental records
- **Opportunities:**
 - i. The department has a opportunity to introduce new course relevant for providing job opportunities to youth, which are not easily accessible for students of this area.
 - ii. It will be a great opportunity for department to do an in-depth ethnographic study of this area. It will also be helpful for policy makers at administrative level.
 - iii. To introduce an inter disciplinary programme on research methodology will provide a good opportunity to the department for extension.
 - iv. It may be an opportunity of department to try to establish certain centres of applied knowledge beneficial for youth and society.
- **Challenges:**
 - i. Our weakness are the challenges for us. With the help of university authorities, we will definitely be in a position to counter these challenges (Space, financial, new technology, etc.) in near future.

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52. Future plans of the department.

- The department wish to introduce some courses for promotion of skill based education and to develop job opportunities for the youth of this area. Following three proposal are submitted under RUSA by the senior faculty of department Prof. B. S. Bisht.
 - i. Centre for Research, Training and Development of scheduled tribes of Uttarakhand
 - ii. Establishment of the centre for the study of social exclusion and inclusive policy
 - iii. Master of Social Work (MSW)

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1. Name of the Department

Department of Sociology

2. Year of Establishment

Undergraduate : 1989-1990

Postgraduate : 1999-2000

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Art

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	NIL	NIL
Associate Professors	--	--	--
Asst. Professors	02	02	01 + 02 = 03
Others	--	--	--

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig-nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Ila Sah	M.A., Ph.D.	Professor	Folk Culture	29 years	06
Dr. Renu	M.A., Ph.D.	Astt. Professor	Social Psychology	08 years	NIL
Daya Upreti	B.Sc., M.A.	Associate Professor	Urban Sociology	35 years	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. Noor Mohammad, Aligarh muslim University, Aligarh.
- ii. Prof. V.K.Pant, Retd. Prof & Head K.U,
- iii. Prof. Anil Srivastava, Dept. of Sociology, Lucknow University, Lucknow.
- iv. Prof. Abha Awasthi, Ret. Prof and Head, Lucknow University, Lucknow.
- v. Prof. K.L.Shrama, Dept. of Sociology, J&K University, Jammu.

13. Percentage of classes taken by temporary faculty – programme-wise information

- 20% in UG and 20% in PG
- Dr. Kusumlata Dept. of Sociology S.S.J.Campus 20% UG And 20% PG
- Dr. Pushpa Verma Dept. of Sociology S.S.J.Campus 20% UG And 20% PG

14. Programme-wise Student Teacher Ratio

- 1:145 UG And 1:3 PG Total 1:132

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with	

- State recognition YES
- National recognition YES
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	33
• Monographs	NA
• Chapters in Books	08
• Edited Books	NA
• Books with ISBN with details of publishers	03
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

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26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

Name of the faculty	Nature of services provided
Dr. Ila Sah	- Chairperson of Kishor Kalyan Board, appointed by H/E Governor of UK for period 1990 to 1995. - Chairperson of Bal Kalyan Society, Almora appointed by H/E Governor of UK since 30th August 2010 (Still continuing). - As subject expert for Hindi substitute of NCERT English books (11th and 12th class), appointed by HRD Ministry (Higher Education), New Delhi for the year 2010. - Astt. Procter from 2003 to 2006.
Dr. Renu Prakash	- Units published in Uttarakhand Open University for M.A. - I (Paper III – Gramin Samajshastra) with chapters as under: - Bhartiya Gramin aur Sahari Samuday - Gramin Bharat me Samajik Parivartan - Units published in Uttarakhand Open University for M.A. – I (Paper III – Rural Sociology). - Units published in Uttarakhand Open University for M.A. – I (Paper IV – Bhartiya Samajik Vyavstha)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

University infrequently deputs its teaching staff for Refresher/Orientation programmes.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

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31. Code of ethics for research followed by the departments

As per University norms

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG		400	325	90	90
PG 2009-10	80	05	09	100	100
PG 2010-11	15	01	12	100	100
PG 2011-12	15	05	06	100	100
PG 2012-13	17	05	08	100	100
PG 2013-14	28	09	15	100	100
PH.D. 2009-10	05	04	01	100	100
PH.D. 2010-11	03	-	03	-	continue
PH.D. 2011-12	03	01	01	continue	do
PH.D. 2012-13	01	01	-	continue	-
PH.D. 2013-14	04	02	01	continue	Do

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100%	Nil	Nil	Nil
PG	100%	Nil	Nil	Nil
Ph.D.	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression		Percentage against enrolled
UG to PG		10%
PG to M.Phil.		NA
PG to Ph.D.		5%
Ph.D. to Post-Doctoral		NA
Employed		NA
☐	Campus selection	
☐	Other than campus recruitment	
Entrepreneurs		NA

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36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80%
from other universities within the State	NA
from universities from other States	20%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library	Satisfactory
b) Internet facilities for staff and students	NA
c) Total number of class rooms	NA
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	14 Research Scholar
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

NA

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44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

NA

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Well qualified, highly motivated and experienced faculties.
 - ii. Better cooperation and coordination amongst faculties/ HOD/Dean.
 - iii. Faculty members are well versed in use of IT & latest teaching methodologies.
 - iv. Congenial atmosphere of teaching.
 - v. Spacious campus central library with good number of quality books.
- **Weakness**
 - i. Inadequate class rooms. In UG high number of students in one class room. No separate rooms for teachers.
 - ii. Class rooms are not equipped with state of the art teaching tools like LCD projector etc.
 - iii. Internet/Wifi is not available for the students/faculties/ No books/Library in the department.
 - iv. Insufficient Financial resources to meet expansion of academic activities.
 - v. Regular vacancies of faculties not filled up, services of staff on contract basis taken. No employee posted in 3rd/4th class in the Socio. Department.

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- **Opportunities**

- i. Technological up- gradation in teaching methods.
- ii. Making various periodicals and journal on sociology available in the department.
- iii. Connecting through internet with other national and international libraries.
- iv. Exposure visits to other institutions of repute and attending national/international seminars/conferences.
- v. Various types of socio economic studies/ researches can be conducted by the department.

- **Challenges**

- i. Separate rooms for teaching staff with normal facilities for studying and other related activities.
- ii. Spacious class rooms for students with proper amenities alongwith latest teaching aids.
- iii. e - library facilities.
- iv. Adequate funding to the department for updation and taking initiatives to do something new.
- v. Recruitment of well qualified and talented teaching staff to fill-up vacancies already overdue.

52. Future plans of the department.

- We have future plans to start PG course on “Masters in Social Work” in our University campus. However, proper class rooms to accommodate students, adequate number of faculties and internal good library shall be required to impart quality education, before commencing such course.

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1. Name of the Department

Department of Tourism & Hospitality Studies

2. Year of Establishment

1979

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

Level	Name of the Programme	Year of Launching
PG	PG Diploma in Tourism and Hospitality	1979
PG	MBA Tourism	2010
Doctoral	Ph.D. Tourism	2011
UG	BBA Tourism	2014

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- 45 days On-the-job training in different leading travel agency, hotels and allied sectors.

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Level	Name of the Programme	Exam System
PG	PG Diploma in Tourism and Hospitality	Annual
PG	MBA Tourism	Semester
Doctoral	Ph.D. Tourism	UGC Norms
UG	BBA Tourism	Semester

9. Participation of the department in the courses offered by other departments

NA

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10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	0	0	1
Associate Professors	0	0	0
Asst. Professors	2	2	1
Others	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. Of Ph.D./M.Phil. Students guided for last 4 years
Dr. Ajay Arora	Ph.D. History	Professor & Head	Tourism Concepts	25 years	8 students
Dr. Ashok Kumar	Ph.D. Tourism	Assistant Professor	Mountain Tourism, Sustainable Tourism	11 years	4 students
Mr. VikramVir Bharti	MBA Tourism	Assistant Professor (Contractual)	Marketing Management & Mountaineering	6 years	NA
Mrs. Swati Shah Bhatt	MBA Tourism	Assistant Professor (Contractual)	Human Resource & Management Principles	4 years	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of faculty	Designation	Address
1. Prof. S.C. Bagri	Honourable Vice Chancellor	Himgiri Zee University Dehradun
2. Prof. O.P. Kandari	Director	Institute of Tourism & Hotel Management, Bundelkhand University Jhansi
3. Prof. S.K. Gupta	Dean/Director	Faculty of Management & Tourism, HNB Garhwal University
4. Prof. Sunil Kabia	Professor	Institute of Tourism & Hotel Management, Bundelkhand University Jhansi
5. Dr. Punit Gautam	Associate Professor	Department of Tourism and Hotel Management, North-Eastern Hill University

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6.	Mr. J.C. Berry	Joint-Director Tourism	Department of Tourism, Government of Uttarakhand (Nainital)
7.	Mr. Ganesh Mishra	Senior Management Officer	Estate Department, Government of Uttarakhand (Nainital)
8.	Mr. C.P. Brijwasi	Senior Management Officer (Retd.)	Estate Department, Government of Uttarakhand (Nainital)

13. Percentage of classes taken by temporary faculty – programme-wise information

WORKLOAD:

	Course	Group	Papers per week	Total work load
1.	MBA T (III Semester)	1	5	30
2.	MBA T (I Semester)	1	6	36
3.	BBA T&H (I Semester)	1	6	36
4.	PGDTH	1	5	30
Total Lecture Hrs.				132

Single lecture duration = 1 hr.

Division of workload of permanent faculty (as per university grants commission)

Professor	01 No.	12 Hrs. Per Week
Assistant Professor	01 No.	18 Hrs. Per Week
Assistant Professor (contract)	02 No.	36 Hrs. Per Week
Total Hrs.		66 Hrs. Per Week

Remaining extra workload = 66 Hrs.

NOTE: This extra work load is being shared by all Faculty Members and Research Scholars.

14. Programme-wise Student Teacher Ratio

	Course	No. of Students	Ratio
1.	MBA T	11	2.75 : 1
2.	BBA T&H	9	2.22 : 1
3.	PGDTH	6	1.5 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Post	Sanctioned	Filled	Actual
Technical	00	00	00
Administrative Staff	01	01	01

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16. Research thrust areas as recognized by major funding agencies

Name	Topic	Funding Agency
Dr. Ashok Kumar	Economic Impact Assessment of Tourism in Nainital	UGC
Mr. Anil Kumar Tamta	Tourism Carrying Capacity Analysis and Impact of Seasonality	UGC (RGNF)
Mr. Subhash Chandra Kannaujiya	Integrated Management and Development of Ecotourism Resources	UGC (JRF)
Mr. Ashish Tamta	Understanding Carbon Emission by Tourist Transportation	UGC (JRF) Subject to Approval by RDC

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

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22. Publications:

• Number of papers published in peer reviewed journals (national / international)	04
• Monographs	NA
• Chapters in Books	
• Edited Books	NA
• Books with ISBN with details of publishers	02 978-81-8204-083-0
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Name	Program	Organised By	Place	Duration
Prof. Ajay Arora	Orientation Course	UGC – ASC, Jamia Millia Islamia	New Delhi	6 Feb – 5 Mar, 1999
	Refresher Course (Tourism)	Department Of Tourism & Hoteliering, H.N.B. Garhwal University	Srinagar, Uttarakhand	12 Oct- 1 Nov, 2001
	Refresher	Ugc – Asc,	New	19 Sep –

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	Course (Environmental Studies)	Jamia Millia Islamia	Delhi	08 Oct, 2005
	Orientation Of Resource Persons In Distance Education Methodology	Kumaun University	Nainital	07 – 08 Nov, 2005
	Appreciation Course For Parliamentary Processes And Procedures For Professors/Lect urers Of University And Colleges	Parliamentary Studies And Training, Parliament House	New Delhi	18 – 20 Aug, 2010
Dr. Ashok Kumar	Faculty Development Program On Entrepreneurshi p Development	Dst, Government Of India	Bhopal	
	Orientation Course	Ugc – Asc, Nainital	Nainital	
	Refresher Course	Ugc – Asc, Nainital	Nainital	
	Refresher Course	Ugc – Asc, Nainital	Nainital	
Mr. Vikram Vir Bharti	Attended Asia's 5star Hospitality Event	Central World, Bangkok, Thailand	Bangkok, Thailand.	1 Day 2010
	Attended Seminar On “The Impact Of The 15th Asean Summit Outcomes On Thai Firms’ Strategies”	Saint Theresa International College	Bangkok, Thailand.	1 Day 6 Dec2009
	Judges Course (Sports Climbing)	Indian Mountaineering Foundation, Delhi	New Delhi	5 Days April 2013
	Skiing Course	Nehru Institute Of Mountaineering, Uttarkashi	Dayara Bugyal, Uttarkash i (U.K)	7 Days Feb, 2013

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	Method Of Instruction Course (Mountaineering And Outdoors)	Nehru Institute Of Mountaineering	Uttarkashi	2004
	Orientation (Teaching)	Saint Theresa International College	Bangkok, Thailand	2009 – 2010
	Basic, Advance, Search & Rescue (Mountaineering And Rescue System In The Himalayas)	Nehru Institute Of Mountaineering	Garhwal Himalayas	2002/03,04,05,07
	Wilderness Learning & Team Building	Vikram Vir Bharti, (Contractual Faculty & Research Scholar [Outdoor Professional])	Various Wilderness & Rock Areas Around Nainital	1 Day 2011 1 Day 2012 1 Day 2013 2 Day 2014
	Disaster Management/Search & Rescue	Disaster Mitigation And Management Centre, Dehradun/Nainital Mountaineering Club	Nainital	2006 2011-12-13
Mrs. Swati Shah	Orientation Course	U.G.C. Academic Staff College	Naintal	24 Sep – 21oct

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects

MBA T BATCH	STUDENTS	PROJECTS
Batch 2010-12	23	23
Batch 2011-13	6	6
Batch 2012-14	6	6

- percentage of students doing projects in collaboration with other universities / industry / institute
NA

29. Awards / recognitions received at the national and international level by

- Faculty **Mr. Vikram Vir Bharti**

Award/Recognition	Agency	Year
Liaison Officer	Indian Mountaineering Foundation	2011& 2014 (American

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		Expeditions)
Mountaineering Instructor	Nainital Mountaineering Club	Since 2002 To Till Date
Disaster Management (Search & Rescue) Instructor	DMMC Dehradun & Nainital Mountaineering Club	2006-07, 2011- 2012-2013
Lecturer of Tourism Management, Bangkok & Nakornnayok Campus, Thailand.	St Theresa International College, Bangkok & Nakornnayok Campus, Thailand.	2009-2010
Certificate Of Summit From Chief Minister Of Uttarakhand Pre-Everest Team To Mt. Satopanth (7045m)	Nehru Institute Of Mountaineering, Uttarkashi	2008
Certificate For Debate & Quiz Competition From Tourism Minister Of Uttarakhand	Cmths, Garhwal University, Srinagar Garhwal, Uttarakhand	2007
Certificate Of Recognition From Taoism Society	Taoism In Thailand Chang-Mai University (Thailand)	2009-10
Certificate Of Recognition From World Bible School	'World Bible School' Austin, Texas, Usa	-

- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)		Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
	MBA Tourism					
1.	Batch 2010-12	37	18	9	83%	89%
2.	Batch 2011-13	9	4	3	100%	66%
3.	Batch 2012-14	17	6	Nil	100%	NA
4.	Batch 2013-15	12	3	3	67%	33%
5.	Batch 2014-16	11	2	6		
PGDTH		Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
1.	Batch 2010-11	8	3	5	100%	80%
2.	Batch 2011-12	4	2	Nil	100%	NA

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3.	Batch 2012-13	2	1	Nil	100%	NA
4.	Batch 2013-14	2	1	Nil	100%	NA
5.	Batch 2014-15	6	5	1		
BBA Tourism& Hospitality		Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
1.	Batch 2014-17	13	6	3		

33. Diversity of students

Name of the Programme (refer to question no. 4)		Percentage Of Students From Same University	Percentage Of Students From Other University (With In State)	Percentage Of Students From Other University (Outside State)
MBA Tourism				
1.	BATCH 2010-12	20	4	3
2.	BATCH 2011-13	4	Nil	2
3.	BATCH 2012-14	5	Nil	1
4.	BATCH 2013-15	4	Nil	2
5.	BATCH 2014-16	3	1	4
PGDTH				
1.	BATCH 2010-11	22	Nil	Nil
2.	BATCH 2011-12	4	Nil	Nil
3.	BATCH 2012-13	2	Nil	Nil
4.	BATCH 2013-14	2	Nil	Nil
5.	BATCH 2014-15	6	Nil	Nil
BBA Tourism& Hospitality				
1.	BATCH 2014-17	9	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NAME		UGC-NET	UGC-NET/JRF	Qualifying Year
1.	Mrs. Swati Shah Bhatt	✓		June / 2012
2.	Mr. Vikram Vir Bharti	✓		December / 2012
3.	Mr. Girish Nandani	✓		December / 2012
4.	Mr. Ashish Tamta	✓	✓	December / 2012
5.	Ms. Jaya Mishra	✓		June / 2013

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6.	Mr. Mandeep Bharti	✓		December / 2013
7.	Mr. Subhash Chandra Kannujiya	✓	✓	December / 2013

35. Student progression

Student progression	Percentage Of Students Against Enrolled	
UG to PG	NA	
PGDTH to MBA Tourism		
Batch 2010-12	50 %	
Batch 2011-13	Nil	
Batch 2012-14	Nil	
Batch 2013-15	Nil	
Batch 2014-16	Nil	
PG to M.Phil.	NA	
PG to Ph.D.- MBA Tourism to Doctor of Philosophy		
Batch 2011	6.6 %	
Batch 2012	Nil	
Batch 2013	4.37 %	
Batch 2014		
Employed		
Ph.D. to Post-Doctoral	NA	
MBA Tourism Placements	Campus	Other Than Campus
Batch 2010-12	95 %	5 %
Batch 2011-13	100 %	Nil
Batch 2012-14	60 %	40 %

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75%
from other universities within the State	25%
from universities from other States	NA
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library

NA

	Description	No.
1.	Books Purchased Under Self-Financed Scheme	200
2.	Books Purchased Under Campus Library Scheme	400

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3.	Books Purchased Under Central Library Scheme	80
	Total Books Available In The Department	680

b) Internet facilities for staff and students

	Description	Users	Nos.
1.	Departmental Personal computer (Operational)	Staff	2
2.	Apple I-PAD	Staff	1
3.	Shared Computer Systems (WITH I.T. Department)	Students	30
4.	Faculty Personal Laptops	Staff	3
5.	WI-FI Broadband SYSTEM	Students & Staff	1

c) Total number of class rooms	02
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university NA

Name	Course	Year	Status
Ashish Tamta	Ph.D Tourism	Awaiting For R.D.C.	Pursuing

b) from other institutions/universities

Name	Course	Year	Status
Dr. Ashok Kumar	Ph. D Tourism	2002	Completed
Vikram Vir Bharti	Ph. D Tourism	2012	Pursuing
Anil Kumar Tamta	Ph. D Tourism	2012	Pursuing
Swati Shah Bhatt	Ph. D Tourism	2012	Pursuing
Chandra Chauhan Adhikari	Ph. D Tourism	2012	Pursuing
Subhash Chandra Kannujiya	Ph. D Tourism	2013	Pursuing
Deepak Singh Gwal	Ph. D Tourism	2013	Pursuing
Ajay Pant	Ph. D Tourism	2013	Pursuing
Girish Nandani	Ph. D Tourism	2013	Pursuing
Mandeep Bharti	Ph. D Tourism	2013	Pursuing
Jaya Mishra	Ph. D Tourism	2013	Pursuing
Bipin Chandra Pant	Ph. D Tourism	Awaiting for R.D.C.	Pursuing
Sanjay Wadhwa	Ph. D Tourism	Awaiting for R.D.C.	Pursuing

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

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42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- Regular evaluation and change in syllabus with proper B.O.S. meetings and evaluation of syllabus of different Institutes & Universities
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

Name	Designation	Organization
Prof. Ajay Arora	Head, Department of Tourism	Kumaun University Nainital
Mr. C.P. Brijwasi	Senior Management Officer (Retd.)	Estate Department, Government of Uttarakhand (Nainital)
Mr. Ganesh Mishra	Senior Management Officer	Estate Department, Government of Uttarakhand (Nainital)
Mr. J.C. Berry	Joint-Director Tourism	Department of Tourism, Government of Uttarakhand
Mr. D.K. Sharma	Regional Tourist Officer	Kumaun Mandal Vikas Nigam, Nainital

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Year	Programme	Duration	Place	Organisers
2011	Rock Climbing and Wilderness	2 Days	Barapatthar	NTMC
2011	Paragliding Training	10 Days	Pithoragarh	DOT
2013	Rock-climbing and Wilderness	7 Days	Barapatthar	NTMC
2014	Rock-climbing and Wilderness	2 Days	Barapatthar	NTMC

45. List the teaching methods adopted by the faculty for different programmes.

- i. Class room teaching – With the help of Green Boards and Chalks
- ii. Class room teaching – With the help of Audio-Visual Aids
- iii. Class room teaching – With the help of Simulation Games
- iv. Class room teaching – With the help of Management Games
- v. Outdoor learning – During educational tours National and Regional
- vi. Outdoor learning – During weekends and Sundays

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- vii. Interactive Learning – During town visits with Tourist, Hosts and Stakeholders.
- viii. Observative learning – During town visits about Tourist, Hosts and Stakeholders behaviour.
- ix. Weekend activities – Assignments, Presentations and Seminars.
- x. Students' evaluations – Group Discussions and Extempore

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The students seeking admission in the department are basically the sons of the soil and generally from economic weaker sections of the host community along-with having Hindi background so the major challenge before the department was to focus on developing communication skills and personality development and the department has fulfilled this basic requirement of the students with very high success rate.
- Apart from this the curriculum developed out of the syllabus for skill development and outdoor learning and adventure sports is another success stories as these programmes have developed confidence and endurance and above all resistance physical and mental among students to face all situations.
- The faculty members put their 100 per cent efforts in meeting the needs of the students may it be syllabi related matter of else.
- The students those who are below normal in studies are given tutorials and extra hours for completion of the syllabus and all students are monitored individually by the faculty members and supervised by senior faculty. This is also easier and monitored well because of the limited number of admissions in various courses.
- The department has delegated the authority of monitoring of courses to different faculty and supervised by senior faculty members. Mentoring and counselling is a regular feature in the department and also done whenever required.
- The researchers of the department regularly get involved with tutorial works and counselling when required.

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

The following faculty and research scholars of the department after the brain storming discussion on the Kedarnath Calamity known as the “Himalayan Tsunami” prepared a master plan for Char Dham Yatra and submitted to Department of Tourism, Government of Uttarakhand :

- i. Dr. Ashok Kumar
- ii. Mr. Vikram Vir Bharti
- iii. Mr. Ashish Tamta

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49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

The department of Tourism, 'The Hermitage' Kumaun University, Nainital is a well-known and age old department creating a number of trained professional since its inception. The department, with due course of time made number of changes in its course curriculum and courses to meet the need of the existing scenario of the industry. The state known as the tourism state has tremendous scope for professionals in tourism as work force or as entrepreneur leaving behind great scope for the department to generate professional for the industry. The place and location of the department itself is a positive note on the development of the department but due to certain reasons the department is not able to achieve as presumed. The SWOT analysis of the department is as below:

- **Strengths:**

- Qualified Faculty:** The existing faculty of the department is qualified as per the norms of the UGC along-with well versed in their respective field of specialization. The senior faculty has long experience of teaching in Post Graduate level classes and the other faculties are having good teaching experience even in foreign university. The teaching faculty even extend their expertise out of the curriculum to groom the students and put all positive efforts in the overall development of students.
- Syllabus Structure:** The syllabus structure of the courses have been regularly evaluated and re-designed with each Board of Studies Meeting comparing almost all Indian Universities offering courses in Tourism as well foreign institution. Even a syllabus based dissertation was done by a pre-Ph.D. research scholar to evaluate the existing pros and cons of the course structure of various universities and what could be best. Taking concern of the dissertation re-designing was done.
- Industry Demand:** It is well known fact that tourism industry has all time demand for professionals but also there is an acute shortage of professionals gives further strength for the courses of the department.

- **Weaknesses:**

- The department has no further permanent faculty position except for the 2 faculty position created in the beginning. The courses except for PG Diploma in Tourism is running under self-finance scheme and the salary for the contractual staff are met through the tuition fee of the students restricting the department for further expansion and facility development.

- **Opportunities:**

- The Demand and Supply Chain:** The demand for trained professional is increasing day by day but the supply side of the section is slack providing opportunity for the department to flourish in the coming time with due efforts.
- Diversification:** The department has proposed different courses to meet diversity of

EVALUATIVE REPORT OF THE DEPARTMENT OF TOURISM & HOSPITALITY STUDIES, D.S.B. CAMPUS

prospects within the state in particular and country in general. The diversity of courses proposed would provide better opportunity for the youth of the region.

- **Threats:**

- i. **Regularization of Courses:** The courses that are actually the current demand of the tourism scenario are running under self-finance scheme need to be regularized with permanent faculty position to keep up with the pace of the industry.
- ii. **Socio-Economic Scenario of The State:** The students opting for the course are basically coming from financially weaker background with the prospect of getting a good job. But due to higher fee structure to meet the financial structure of the department either leave the course or do not take admission after enquiry.

52. Future plans of the department.

“SCHOOL OF TOURISM & HOSPITALITY STUDIES”

“When the basic determinants in terms of human abilities are lacking ample natural resources and ample capital will not secure self-sustained development”

Nainital is a renowned tourist destination and an attraction for people all around the world. Serene and nature based location along with socially and politically quite place is best suited for academics. The department is located centrally near University administrative building in a heritage property well connected by road from all entry points to the city. As the department is situated quite away from the hustle-bustle of DSB Campus, along with other professional courses provides a beautiful professional teaching and learning environment for the students.

The department is having sincere and dedicated teaching faculty with a vast experience of teaching in the university system. Every teaching faculty has its own specialization along with vast practical & field based experience that add-ons to the strength of the department. Most of the research scholars are UGC-NET qualified that extends a helping hand in-terms of classroom teaching.

The department has started Ph.D. program in tourism from the academic session 2011 after the formation of Research Degree Committee. With-in three Ph.D. entrance examination conducted by Kumaun University Nainital a number of candidates have applied for but out of it the department was able to get admitted only ten students who qualified the entrance exam. Out of the ten Ph.D. candidates six are UGC-NET qualified.

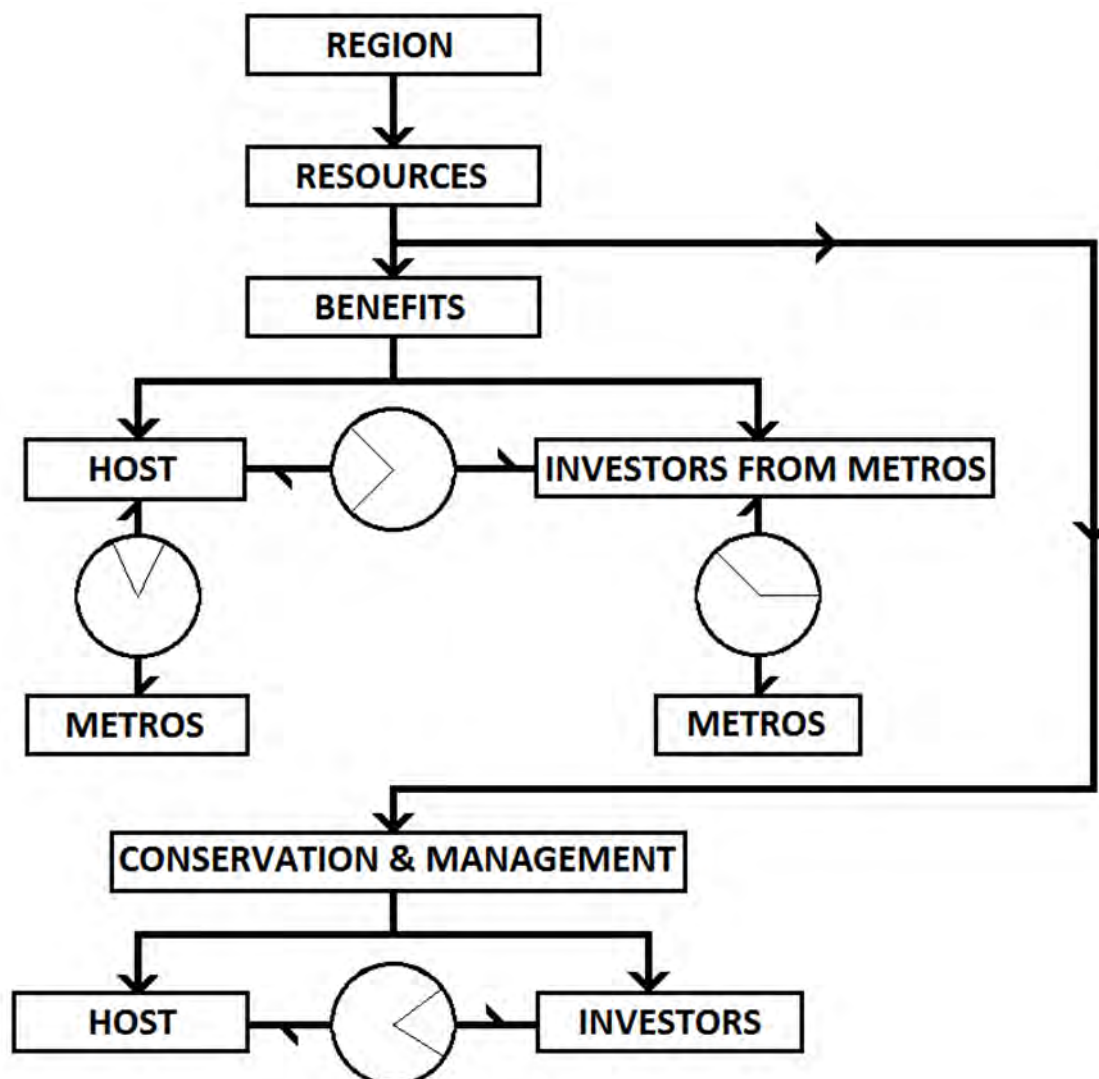
After the initiation of Master of Business Administration Tourism program proposal the university suggested to start the course under self-finance mode. PG Diploma program is not quite popular due to unavailability of jobs in the industry. MBA tourism program is a master degree program and the department's last two batches were successfully placed in the leading Tourism & Hospitality organizations. Due to lack of funds creation of awareness amongst the students of various colleges of the university and nearby cities, townships was not possible that leads to reduction in number of intakes in the Master degree program.

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Tourism industry is a dynamic industry growing day by day with regular product diversification that leads to employment opportunity creation with every changing day. The various programs thought of and mentioned below would help the students to make a bright career in this particular field.

Strengthening of the youths is the further focus and prime motto of the department of tourism for this the department through establishing School of Tourism & Hospitality Studies focuses to initiate various job oriented courses that will add on to consolidating the current scenario of un-employment in the region. Due to un-employability and opportunity of employment in other sectors in the region the host community are bound to migrate to make their living in industrially developed areas and while doing so they sell their property, land and other assets to major players of the industry who earn through these assets and get benefited from the resources but their contribution in the societal development is nil. The meager and low paid jobs offered to the community leaving them with frustration and resentment.

Understanding the model of share of benefits for the people of state



EVALUATIVE REPORT OF THE DEPARTMENT OF TOURISM & HOSPITALITY STUDIES, D.S.B. CAMPUS

The department proposes to start the below mentioned Certificate and Diploma courses that will help the youths of the region to strengthen themselves in establishing their own enterprises and sharing the economic impact generated by tourism in the state.

With the strengthening of the department through faculty enhancement and infrastructural development the department will extend consultancy services to Department of Tourism, Government of Uttarakhand in shaping the current structure of tourism in the state in general and region in particular.

Existing and proposed courses under “SCHOOL OF TOURISM & HOSPITALITY STUDIES”

Name of the programme	Duration	Intake	Eligibility	Remark
MBA-T	2 year full time(Four Semester)	30	Graduate in any discipline with 40%	Nil
PG Diploma in Tourism and Hospitality	1 year full time	30	Graduate in any discipline with 40%	Nil
BBA Tourism and Hospitality Management	3 year full time (Six Semester)	40	Intermediate in any discipline with 40%	Nil
Bachelor of Hotel Management	3 year full time (Six Semester)	40	Intermediate in any discipline with 40%	Nil
Diploma in Air Fare and Ticketing	(6 month),	15	Intermediate in any discipline	Nil
Diploma in Cargo Management	(6 month)	15	Intermediate in any discipline	Nil
Diploma in Event Management	(6 month).	15	Graduate in any discipline	Nil
Diploma in Outdoor Adventure Skills	1 year full time	15	Intermediate in any discipline	Risk certificate and medical required
Certificate Course in Disaster Management	30 days	30	Intermediate in any discipline	Risk certificate and medical required
Certificate Course in Survival Skills	30 days	15	Intermediate in any discipline	Risk certificate and medical required

The department if given an opportunity for further strengthening and development through UGC and other bodies can prove itself worth for the youth, state and the country in shaping the future tourism scenario in terms of Human Resource Development for the fastest growing industry.

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Yogic Science

2. Year of Establishment

- 2006 - Diploma in Yoga
- 2009 - M.A./M.Sc, in Yoga and alternative therapy

3. Is the Department part of a School/Faculty of the university?

- Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- PG: M.Sc. / M.A. in Yoga and alternative therapy.
- Diploma: 1 Year

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- M.A /M.Sc. Semester
- Diploma 1 Year

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	0	0	0
Associate Professors	0	0	0
Asst. Professors	1	1	1
Others	Physical Instructor	1	1

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Seema Chauhan	Ph. D	Assistant Professor	Urinogenital Problems of women	09	--
Deepa Arya	M.A	Physical Instructor	--	02	--

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	NA
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees NA
- b) International committees NA
- c) Editorial Boards NA
- d) any other (please specify) NA

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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2006-07 Diploma (one year)	29	20	09	20 (100%)	09 (100%)
2007-08 Diploma (one year)	24	17	07	17(100%)	07(100%)
2008-09 Diploma (one year)	20	14	06	14 (100%)	06 (100%)
2009-10 Diploma (one year)	10	06	04	06(100%)	04(100%)
M.A. / M.Sc 1-Year	18	12	06	12(100%)	06(100%)
2-Year	18	12	06	12(100%)	06(100%)
2010-11 Diploma (one year)	06	04	02	04(100%)	02(100%)
M.A. / M.Sc 1-Year	15	09	06	09(100%)	06(100%)
2-Year	15	09	06	09(100%)	06(100%)
2011-12 Diploma (one year)	08	06	02	06(100%)	02(100%)
M.A. / M.Sc					

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

I Semester	12	07	05	07(100%)	05(100%)
II Semester	12	07	05	07(100%)	05(100%)
III Semester	12	07	05	07(100%)	05(100%)
IV Semester	12	07	05	07(100%)	05(100%)
2012-13					
Diploma (one year)	02	01	01	01(100%)	01(100%)
M.A. / M.Sc					
I Semester	16	08	08	08(100%)	08(100%)
II Semester	16	08	08	08(100%)	08(100%)
III Semester	16	08	08	08(100%)	08(100%)
IV Semester	16	08	08	On-going	
2013-14					
Diploma (one year)	02	01	00	01(100%)	-
M.A. / M.Sc					
I Semester	09	04	05	05(100%)	04(100%)
II Semester	09	04	05	On-going	

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A/ M.Sc	Approx. 80%	Approx. 10%	Approx. 10%	NA
Diploma	Approx. 80%	Approx. 10%	Approx. 10%	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression		Percentage against enrolled
UG to PG		NA
PG to M.Phil.		NA
PG to Ph.D.		NA
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	50%
from universities from other States	NA
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library	The Department is having a good equipped library with latest reference books as well as text books.	
b) Internet facilities for staff and students		NA
c) Total number of class rooms		02
d) Class rooms with ICT facility		NA
e) Students' laboratories		01
f) Research laboratories		NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

43. List the distinguished alumni of the department (maximum 10)

- Deepa Arya (Physical Instructor in Yoga)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

- For Diploma Programmes: Traditional Method with chalk and Black Board and visual aids.
- For PG Programmes: Traditional Methods with chalk and Black Board and visual aids.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- With the help of feedback from students and general meetings/seminars of Faculty.

47. Highlight the participation of students and faculty in extension activities.

- Intercollegiate Yoga Competition etc.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The research profile of the faculty members of the Department has been excellent.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - The department is one of the biggest as regards students, conducting courses for both the Science and Arts faculties, which encourages a healthy interaction between diverse streams. The department has well equipment facility to learn.
- **Weaknesses:**
 - Shortage of space for class rooms and sitting space for activities is major handicap. Lack of internet connectivity and Wi-Fi facility hampers the productivity and efficiency of research work. No power back up, a ramshackle building that houses the department and no heating facility in a cold and wet climate like Nainital does not permit working for long hours. Student intake at P.G. level is reduced because

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGIC SCIENCE, D.S.B. CAMPUS, KUMAUN UNIVERSITY

the size of one of the classrooms is very small; it can't accommodate.

- **Challenges:**
 - o To improve the infrastructure of department and smart library so that more of the students attract.

52. Future plans of the department.

- The vision of the department is to introduce newer course material at the P.G. level. Subsequently research work in newer fields can be taken up at the university campus as well as affiliated colleges.

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Yogic Science

2. Year of Establishment

2006

3. Is the Department part of a School/Faculty of the university?

Yes

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG in Yoga has started from session 2014.
- PG Diploma in Yoga & Alternative Therapy
- M.A. in Yoga & Alternative Therapy
- M.A./M.Sc. in Naturopathy And Yogic Science have started from session 2014.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- PG Diploma: Annual
- PG Courses: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	--	--	--
Asst. Professors	01 (contractual : Self-Financed)		
Others	--	--	--

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Naveen Chandra Bhatt	Ph.D	Assistant Professor	-	08	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. R.S.Pathni
- Prof. Aradhna Shukla
- Dr. P.D. Bhatt
- Dr. Madhu Nayal

13. Percentage of classes taken by temporary faculty – programme-wise information

100% by Dr. Naveen Chandra Bhatt

14. Programme-wise Student Teacher Ratio

- M.A. : 40/01
- PG Diploma : 40/01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Administrative staff - 01 (Self-Financed)

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	07
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers - o NAME-Yoga aur Yogasana - o PUBLISHER-Almora Kitabh Ghar - o ISBN-978-81-927996-2-9	01
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

Rs. 1,20,000 per year

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees NA
- b) International committees NA
- c) Editorial Boards NA
- d) any other (please specify) NA

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Workshop organised by Deptt. of Yoga funded by department

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
PG Diploma	13	04	05	100	100
M.A.	24	12	12	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG Diploma	96%	4%	Nil	Nil
M.A.	100%	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

35. Student progression

Student progression	Percentage against enrolled
UG to PG	40-50%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	50%
☐ Other than campus recruitment	NA
Entrepreneurs	1%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	NA
from other universities within the State	100%
from universities from other States	NA
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library	More than 1000 books are available
b) Internet facilities for staff and students	NA
c) Total number of class rooms	01
d) Class rooms with ICT facility	NA
e) Students' laboratories	NA
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- New developments and Academic programmes of Department are discussed at the

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

Board of Studies, Faculty of Arts and Academic Council meetings of University after due consultation is held at the departmental level with external experts and the syllabi of other institutes.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- The feedback from faculty with regards to the curriculum and teaching learning-
 - evaluation process as practiced and experienced by them in the class rooms, is regularly discussed at departmental meetings and constructive remedial measures are taken whenever considered necessary, by bringing it to the Board of Studies for due consideration.
 - On the basis of feedback on courses curriculum are revised every year in Board of Studies meeting.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- Departmental meeting discusses students' feedback on teachers and courses and suggest remedial measures when required. The continuous internal assessment, group discussion, tutorials, seminar, students counselling is being carried out regularly to contribute to a healthy feedback from the students.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- i. Murlidhar Kapri –Yoga instructor, Astha Yoga inst., New Dehli
- ii. Harish Singh Soun – Yoga instructor Astha Yoga inst., New Dehli
- iii. Narendra Singh – Yoga instructor Astha Yoga inst., New Dehli
- iv. Bhajan Singh – Yoga instructor Astha Yoga inst., New Dehli
- v. Saurabh Kandpal. Yoga instructor Astha Yoga inst., New Dehli
- vi. Lokpal Singh Basera – Yoga instructor Astha Yoga inst., New Dehli
- vii. Narendra Singh – Yoga instructor Astha Yoga inst., New Dehli
- viii. Priti Tamta – Yoga instructor Astha Yoga inst., New Dehli
- ix. Rebha Joshi – Yoga instructor Astha Yoga inst., New Dehli
- x. Kamal Gailakoti . Yoga instructor Astha Yoga inst., New Dehli

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

- PG Diploma: Demo, Lecture, tutorial , Power point presentation , Group discussion, Field practical and study tour.
- M.A.: Demo, Lecture, tutorial , Power point presentation, Group discussion, Field practical and study tour.

EVALUATIVE REPORT OF THE DEPARTMENT OF YOGA SCIENCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Regular interaction of students and faculty to discuss the progress.

47. Highlight the participation of students and faculty in extension activities.

- Various faculty and student have been involved in seminars, conferences, symposium workshop nationally and internationally.
- Student of all semester with faculty members visit different research laboratory like Morarji Desai National Yoga Ins., Dev Sanskrit University, Gurukul Kangri University.
- Yoga tours and Field Surveys regularly are organised.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The faculty and students are actively involved in research

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strength**
 - The department is having faculties from different streams.
 - Department is situated in central Himalayas providing a peaceful environment for study and research.
- **Weakness**
 - Shortage of Lecture rooms, faculties, practical laboratories, Computers, Library, Computer rooms, Limited supply of water and electricity, old electrical wiring.
- **Challenges**
 - Job oriented course programs, decreasing higher education trends, reference book, and scientific journals.

52. Future plans of the department.

- It is proposed that teaching of UG & M.A./M.Sc. Course in Naturopathy and Yogic Science be initiated in Kumaun University.
- The proposed course shall be a judicious mix of lectures, practical, clinical demonstrations, seminars and workshops. After the successful completion of the last semester of the PG course, the students shall have to undergo one year of compulsory Residential Rotatory Internship in various hospitals. Degree will be awarded only after the successful completion of the internship.

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1. Name of the Department

Department of Commerce

2. Year of Establishment

1960-61

3. Is the Department part of a School/Faculty of the university?

Faculty Commerce of the University

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG, PG, Ph.D. & D.Litt.

5. Interdisciplinary programmes and departments involved

N.A.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Annual at UG level
- Semester at PG level.

9. Participation of the department in the courses offered by other departments

N.A.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	04
Associate Professors	01	01	-
Asst. Professors	07	06	01
Others	-	-	04

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. B.D. Kavidayal	M.Com. , Ph.D	Professor & Campus Head	Finance & Accounting	35 Years	06
Prof. N.S. Bisht	M.Com., Ph.D	Professor	Finance & Accounting	38 Years	03
Prof. Atul Joshi	M.Com., M.A (Eco) , Ph.D	Professor	Industrial Relations	27Years	01
Prof. L.S. Bisht	M.Com. , Ph.D	Professor	Business Management & O.B	33Years	02
Dr. Vijay Kumar	M.Com., Ph.D	Assistant Professor	Income Tax & Accounting	7.6 Years	-
Dr. Mamta J. Lohumi	M.Com., Ph.D	Teaching Personnel	Marketing Management & Human Resource Management	4.5 Years	-
Dr. Asha Balmiki	M.Com., Ph.D	Teaching Personnel	Marketing Management , International Business & Accounting	04 Years	-
Miss. Nidhi Verma	M.Com., U. Set (U.K.) & NET	Teaching Personnel	Accounting & Taxation	08 Months	-
Miss. Bushra Mateen	M.Com., U. SET (U.K.) & NET (Pursuing Ph. D.)	Teaching Personnel	Accounting	01 Months	-
Prof. B.D. Kavidayal	M.Com. , Ph.D	Professor & Campus Head	Finance & Accounting	35 Years	06

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

Prof. N.S. Bisht	M.Com., Ph.D	Professor	Finance & Accounting	38 Years	03
Prof. Atul Joshi	M.Com., M.A (Eco) , Ph.D	Professor	Industrial Relations	27Years	01
Prof. L.S. Bisht	M.Com. , Ph.D	Professor	Business Management & O.B	33Years	02
Dr. Vijay Kumar	M.Com., Ph.D	Assistant Professor	Income Tax & Accounting	7.6 Years	-
Dr. Mamta J. Lohumi	M.Com., Ph.D	Teaching Personnel	Marketing Management & Human Resource Management	4.5 Years	-
Dr. Asha Balmiki	M.Com., Ph.D	Teaching Personnel	Marketing Management , International Business & Accounting	04 Years	-
Miss. Nidhi Verma	M.Com., U. Set (U.K.) & NET	Teaching Personnel	Accounting & Taxation	08 Months	-
Miss. Bushra Mateen	M.Com., U. SET (U.K.) & NET (Pursuing Ph. D.)	Teaching Personnel	Accounting	01 Months	-
Prof. B.D. Kavidayal	M.Com. , Ph.D	Professor & Campus Head	Finance & Accounting	35 Years	06

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- a. Prof. R.K. Agrawal
Dean, Faculty of Commerce
H.N.B. Garhwal University,
S.R.T. Campus, Badashahthaul
Dist. Tehri Garhwal (U.K.)
- b. Prof. S.K. Shukla
Faculty of Commerce
Lucknow University, Lucknow (U.P.)
- c. Prof. Pradeep Jain
Dept. of Commerce and Business Administration
Allahabad University (Allahabad)

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- d. Prof. Prashant Kumar
Faculty of Commerce
Banaras Hindu University, Varanasi
Pin- 221005 (U.P.)
- e. Prof. J.C. Tiwari (Retd. Head & Dean)
Faculty of Commerce
Kumaun University , Nainital
- f. Dr. K.N. Badhani
Associate Professor
I.I.M. Kashipur, Nainital
- g. Prof. A.K. Sarkar
Dean, Faculty of Management Studies
M.J.F. Ruhelkhand University, Bareilly, (U.P.)
- h. Prof. R.K. Bajaj (Retd)
B-1 Matrishree, Tonk Road, Dev Nagar, Jaipur, 302018
- i. Prof. T.D. Joshi (Retd. Head & Dean)
Faculty of Commerce
Kumaun University, Nainital
- j. Y.P. Singh (Retd.)
Dean, Faculty of Commerce
B, 94 Sector 30 (D.U.)
Noida

13. Percentage of classes taken by temporary faculty – programme-wise information

N.A.

14. Programme-wise Student Teacher Ratio

- At UG level 51:1
- At PG level 3.22 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

N.A.

16. Research thrust areas as recognized by major funding agencies

N.A.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

National

Total grants received

Rs.627750.00

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

Funding agencies :

a - Indian Council of Social Science Research (ICSSR) Rs. 899775.00

Development of eco-tourism in Uttarakhand, Prospects and challenges

b- U.G.C. Rs. 90,000.00

उत्तराखण्ड में लीची उत्पादन व्यवसाय एवं उसका संवर्द्धन

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration N.A. b) International collaboration N.A.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

N.A.

20. Research facility / centre with

• State recognition	No
• National recognition	No
• International recognition	No

21. Special research laboratories sponsored by / created by industry or corporate bodies

N.A.

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	11/03
• Monographs	NA
• Chapters in Books	02
• Edited Books	NA
• Books with ISBN with details of publishers	04
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

N.A.

24. Areas of consultancy and income generated

N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

N.A.

26. Faculty serving in

a)	National committees:	N.A.
b)	International committees:	N.A.
c)	Editorial Boards:	N.A.
d)	any other (please specify)	Prof. Atul Joshi is a member of Advisory Board in International Journal on Augmentation in Management & Technology Web Address: eai.eu/transaction / augmentation – management – and – technology

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

(i) Refresher Course by Dr. Arti Pant	– Year 2012-13
(ii) Orientation Course by Dr. Vijay Kumar	– Year 2013-14

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects N.A.
- percentage of students doing projects in collaboration with other universities / industry / institute N.A.

29. Awards / recognitions received at the national and international level by

- Faculty :
Indira Gandhi N.S.S. Award 2012-13 for the upcoming University Programme Coordinator- Presented to Prof. Atul Joshi by Honourable President of India on 19th Nov, 2013 at Rashtrapati Bhawan, New Delhi
- Doctoral / Post doctoral fellows : No
- Students : No

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

N.A.

31. Code of ethics for research followed by the departments

- After the formation of Uttarakhand state, the researchers have been mainly focused on the regional and economical aspects of society and its welfare.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
(2010-11)					
U.G	545	301	170	62.12%	88.82%
P.G.	81	38	32	68.42%	62.50%
Ph.D	10	8	2	Nil	Nil
2011-12					
U.G.	485	270	183	71.85%	86.33%
P.G.	73	32	28	71.87%	78.57%
Ph.D	5	2	3	Nil	Nil
2012-13					
U.G.	500	282	166	82.79%	87.13%
P.G.	63	17	21	92.30%	87.50%
Ph. D	1	Nil	1	Nil	Nil
2013-14					
U.G.	521	279	171	Nil	Nil
P.G.	39	13	16	Nil	Nil
Ph. D.	3	2	1	Nil	Nil

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2011-12				
U.G	100%	Nil	Nil	Nil
P.G	99%	Nil	1%	Nil
Ph.D	60%	Nil	40%	Nil
2012-13				
U.G	100%	Nil	Nil	Nil
P.G	85%	Nil	15%	Nil
Ph.D	Nil	Nil	100%	Nil
2013-14				
U.G	100%	Nil	Nil	Nil
P.G	85.71%	7.14%	7.14%	Nil
Ph.D	100%	Nil	Nil	Nil

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET

(i) Jeewan Ch. Upadhyay (Gen)	(iv) Fakhruddin Rahi (OBC)
(ii) Marya Ahmad (OBC)	(v) Nidhi Verma (Gen)
(iii) Bushra Mateen (OBC)	
- SET

(i) Jeewan Ch. Upadhyay (Gen)	
(ii) Bushra Mateen (OBC)	
(iii) Nidhi Verma (Gen)	

35. Student progression

Student progression	Percentage against enrolled
UG to PG	15.35%
PG to M.Phil.	NA
PG to Ph.D.	11.92%
Ph.D. to Post-Doctoral	Nil
Employed	
☐ Campus selection	Nil
☐ Other than campus recruitment	
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	75%
from other universities within the State	Nil
from universities from other States	25%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

- a) Library :
The Campus Library and Central Library provide books and study material to students.
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : 5+ 01(Computer Lab)
- d) Class rooms with ICT facility : No
- e) Student's laboratories : No
- f) Research laboratories : No

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	No
b)	from other institutions/universities	No

40. Number of post graduate students getting financial assistance from the university.

No

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

No

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	No
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	No
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	No

43. List the distinguished alumni of the department (maximum 10)

- Prof. T.D. Joshi
- Prof. J.C. Tiwari
- Prof. N.S. Rana
- Prof. N.S. Bisht
- Prof. B.D. Awasthi
- Prof. B.D. Kavidayal
- Prof. Atul Joshi
- Prof. L.S. Bisht
- Mr. Raj Bhatt – (CA)
- Mr. Gautam Kathuria- (CA)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special lectures:
 - Prof. T.D. Joshi, - Topic –Prospects and Challenges of Economic Development of Uttarakhand
 - Prof. J.C. Tiwari- Topic- Industrial Relation in India
 - Prof. K.N. Badhani – Topic- Implementation of Research Methodology in Human Sciences

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

45. List the teaching methods adopted by the faculty for different programmes.

- Departmental Faculty is using Micro-teaching methods as a tool to keep up with the technological era.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The Department ensure that programme objectivity and monitoring of learning outcomes through grievance redressal, student – faculty –parent inter- actions and intra-departmental meetings.

47. Highlight the participation of students and faculty in extension activities.

- Faculty and students provides suggestion to various institutions viz., NGO's, SSI, tour and travel agencies, banks & insurance company, hotels and various government agencies. Faculty also delivers lecture to share acquired knowledge.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Mr. Kailash Joshi , Advocate , State Legal Service Authority, High Court , Uttarakhand, Nainital has delivered lecture related to ‘Legal Aid Programme* a and also distributed concerning literature
- Lecture on Voluntary Blood Donation by Prof. Atul Joshi, N.S.S. Co-ordinator, Kumaun University , Nainital

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- No

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

(i) Strengths :

- Emphasis on the education of women (40%) and weaker section (31.5%)
- Proper Infrastructure
- Healthy faculty, student and staff relations
- Highly disciplined students

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, DSB CAMPUS, KUMAUN UNIVERSITY

- (ii) Weaknesses
 - Disproportionate student- teacher ratio.
 - No entrance test for admission
- (iii) Opportunities – Vast options for students to serve in the field of Academics and Service sector, viz., Insurance, Banking , Accounting and other services.
- (iv) Challenges- To provide vocational and practical knowledge of Commerce.

52. Future plans of the department.

- To introduce Honours Courses at U.G. level
- To introduce Semester System at U.G. level from coming academic session 2015-16.
- To organise National Seminar / Workshop / Special lectures

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Commerce, S.S.J Campus

2. Year of Establishment

1977

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Commerce & Management Studies

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG : B.Com., BBA (Self Finance Mode)
- PG : M.Com.,
- Doctoral : Ph.D., D. Litt.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Annual B.Com.
- Semester M.Com., B.B.A.

9. Participation of the department in the courses offered by other departments

- IGNOU Counsellor and BCA (Guest Faculty)

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	04
Associate Professors	02	01	Nil
Asst. Professors	04	01	01
Teaching Personnel (Commerce)	-	02	02
Teaching Personnel (BBA Self Finance Mode)	-	-	02

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Designation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. B.D. Awasthi	M.Com., Ph.D.	Professor & Head of the Department	Accounting & Finance	37 Years (Approx.)	Award - 01 Pursuing - 08
Prof. B.P. Singhal	M.Com., Ph.D.	Professor	Marketing,	37 Years (Approx.)	Award - 02 Pursuing - 06
Prof. M. M. Jinnah	M.Com., Ph.D.	Professor & Campus Dean	Accounting & Finance	30 Years	Award - 02 Pursuing - 04
Prof. K.C. Joshi	M.Com., Ph.D.	Professor	Banking and Finance	30 Years	Award - 03 Pursuing - 05
Prof. H. R. Kaushal	M.Com., Ph.D.	Assistant Professor	Accounting and Finance	04 Years (Approx.)	Pursuing - 01
Dr. Narain Singh Bisht	M.Com., Ph.D.	Teaching Personnel	Accounting	04 Years (Approx.)	Nil
Dr. Sakshi Tewari	M.Com., Ph.D.	Teaching Personnel	Accounting	03 Years (Approx.)	Nil
Mr. Bhanu Durgapal	M.Com., MMM	Teaching Personnel	Marketing & Strategic Management	03 Years (Approx.)	Nil
Mr. Piyush Singh Pokhariya	M.Com., MBA	Teaching Personnel	Finance	03 Years (Approx.)	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name	Visiting	Address
Prof. R.K. Agrawal	Visiting	Dean, Faculty of Commerce, H.N.B. Garhwal University, Tehri Garhwal
Prof. S.K. Shukla	Visiting	Head, Faculty of Commerce, Lucknow University, Lucknow
Prof. P.C. Kavidayal	Visiting	Head, Department of Management Studies, Kumaun University Bhimtal Campus, Nainital
Dr. M.C. Pandey	Guest Faculty	Head, Department of Commerce, G.P.G. College, Rudrapur
Dr. A. S. Adhikari	Guest Faculty	Department of English, S.S.J Campus, Almora
Dr. V. R. Pandey	Guest Faculty	Department of English, S.S.J Campus, Almora
Dr. Sumeet Khulbe	Guest Faculty	Department of Computer Science, S.S.J Campus, Almora

**EVALUATIVE REPORT OF THE DEPARTMENT OF
COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY**

13. Percentage of classes taken by temporary faculty – programme-wise information

- B. Com. - 40% ; M. Com. – 25% ; BBA - 90% & 10% Guest Faculty

14. Programme-wise Student Teacher Ratio

- B. Com. - 40% ; M. Com. – 25% ; BBA - 90% & 10% Guest Faculty

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Particular	Post Sanctioned	Filled	Actual
Class III	NA	02	02
Class IV	NA	02	02

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition YES
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	06 / 06
• Monographs	NA
• Chapters in Books	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

• Edited Books	NA
• Books with ISBN with details of publishers Company Law (Hindi) – K.C. Joshi, Jagdamba Publishing Company, New Delhi-2 ISBN No. 978-93-80280-43-1. Auditing (Hindi) – K.C. Joshi, Jagdamba Publishing Company, New Delhi-2	02
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	
• SNIP	
• SJR	
• Impact Factor – range / average	
• h-index	

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	YES
d) any other (please specify)	YES
• Research Degree Committee, Board of Studies, Faculty Board, Academic Council	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- 01 Orientation
- 01 Refresher

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

29. Awards / recognitions received at the national and international level by

• Faculty	01 NSS
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Conference	Source of Funding Agency	Outstanding Participants
Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) : Myths and Realities, dated 3-4 December, 2010	ICSSR	• Prof. V.P.S. Arora, VC, Kumaun University • Prof. K.C. Joshi, Former VC, Kumaun University • Prof. T.S. Papola, Honorary Professor, Institute for Studies in Industrial Development, New Delhi • Dr. I.C. Awasthi, Joint Chief, Institute of Applied Manpower Research, Delhi • Dr. Yogesh Kumar, Joint Chief, Institute of Applied Manpower Research, Delhi • Padamshri Sri Lalit Pande, Uttarakhand Seva Nidhi • Prof. NMP Verma, Formerly, Founder Head & Dean, Babasaheb Bhimrao Ambedkar University, Lucknow • Prof. L.S. Bisht, Director, Kumaun University, S.S.J. Campus, Almora • Prof. B.S. Bisht, Head, Department of Sociology, DSB Campus, Nainital

31. Code of ethics for research followed by the departments

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

32. Student profile programme-wise:

Name of the programme (refer to question no. 4)		Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
B. Com.	B. Com. I	200	127	62	28%*	76%*
	B. Com. II	110	72	35	92%	97%
	B. Com. III	98	64	33	95%	100
		TOTAL	263	130	62%	88%
M. Com.	M. Com. I & II Sem.	23	10	13	100%	92%
Ph.D.		Admission through Ph.D. Entrance Test	12	12	-	-
BBA	BBA I, II & III Sem.	44	31	13	90%	100%

33. Diversity of students

Name of the programme	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
B.Com.	NA	NA	NA	NA
M.Com	83%	-	17%	Nil
Ph.D.	67%	-	25%	8%
BBA	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

02 (USET) ; 02 (JRF) ; 04 (NET)

35. Student progression

Student progression		Percentage against enrolled
UG to PG		20%
PG to M.Phil.		NA
PG to Ph.D.		13%
Ph.D. to Post-Doctoral		NIL
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	67 %
from other universities within the State	NIL
from universities from other States	33%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01 Ph.D. (Teaching Personnel)

38. Present details of departmental infrastructural facilities with regard to

a) Library		01
b) Internet facilities for staff and students		YES
c) Total number of class rooms	(incl. 01 smart class)	07
d) Class rooms with ICT facility		NA
e) Students' laboratories		01
f) Research laboratories		NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university		NA
i. Mr. Piyush Singh Pokhariya	ix. Ms. Tanuja Tewari	
ii. Mr. Gaurav Pant	x. Mr. Amarjeet Singh Sethi	
iii. Ms. Chitra Bisht	xi. Mr. Abhishek Pandey	
iv. Ms. Himani Agarwal	xii. Ms. Usha Lohani	
v. Ms. Arti Sharma	xiii. Ms. Neelam Parihar	
vi. Mr. Manish Rautela	xiv. Ms. Hansi Joshi	
vii. Ms. Perna Gururani	xv. Mr. Vinod Sarki	
viii. Mr. Mukesh Chandra Tripathi	xvi. Ms. Bhagteshwari Karki	
b) from other institutions/universities		NA
i. Ms. Preeti Vohra	v. Mr. Keshav Raj Bhatt	
ii. Mr. Govind Raj Joshi	vi. Ms. Anshu Taunk	
iii. Mr. Prashant Prabhakar	vii. Mr. Nitin Sareen	
iv. Mr. Mayank Kaushik	viii. Ms. Asha Rongali	

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Opinion of the experts and members of Board of Studies

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - Utilized for discussion in BOS, Faculty Board
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - It is our usual practice to seek feedback from student s regarding behavior of staff and teaching practices adopted by faculty members and remedial measures are taken accordingly.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special Lectures

45. List the teaching methods adopted by the faculty for different programmes.

Programmes	Teaching Methods
B.Com.	Lecture, discussion, exposé visit, demonstration, projection, workshop and seminar methods.
M.Com.	Lecture, discussion, project, exposé visit, demonstration, projection, workshop and seminar methods.
Ph.D.	Lecture, project, seminar and discussion.
BBA	Lecture, discussion, project, exposé visit, demonstration, projection, workshop and seminar methods.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By internal assessments, projects work, class tests and annual examination

47. Highlight the participation of students and faculty in extension activities.

NSS, NCC, Cultural Programme, Sports, Red Ribbon Club, Blood Donation, etc.

48. Give details of “beyond syllabus scholarly activities” of the department.

BBA- Training and Industrial Tour

EVALUATIVE REPORT OF THE DEPARTMENT OF COMMERCE, S.S.J. CAMPUS, KUMAUN UNIVERSITY

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

New Papers Introduced like Mergers and Acquisition, Security Analysis and Portfolio Management

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strength :**
 - i. Innovative and effective research in the field of Commerce & Management.
 - ii. Well-furnished and fully operational I.T. Lab and technology lab with smart class.
 - iii. Well qualified and experienced faculty members.
 - iv. Activity related teaching with full focus on skill development.
- **Weakness :**
 - i. Lack of sufficient infrastructure.
 - ii. Non digitalized library.
 - iii. Insufficient financial grant.
- **Opportunity :**
 - i. Innovative research projects.
 - ii. Teaching can be more activity oriented and innovative.
 - iii. By organizing small projects for students' upliftment and development of social skills and values.
 - iv. Orientational and motivational exercises for the students for fighting competitive exams.
- **Challenges :**
 - i. Limited financial resources.
 - ii. Limited infrastructure facilities.
 - iii. To mould the students coming from various socio-economic status according to the demand of the society and course needs.
 - iv. Limited time and resources for teaching practice.

52. Future plans of the department.

B.Com (Hons)

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

1. Name of the Department

Department of e-Commerce, 'The Hermitage', Kumaun University

2. Year of Establishment

2003

3. Is the Department part of a School/Faculty of the university?

Yes, Commerce and Management Department

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG-Bachelor of Business Organisation (BBA) – Full Time

PG-Master of Business Administration (MBA)- Part Time

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

Yes, MBA (Marketing). In 2009 it was transferred to 'Department of Management Studies, Kumaun University Nainital'

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester Based Only

9. Participation of the department in the courses offered by other departments

N.A.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NA	NA	NA
Associate Professors	NA	NA	NA
Asst. Professors	NA	NA	NA
Others	03	03	03

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Sarika Joshi	MBA	Assistant Professor (Contractual)	HRM and Marketing Management	07	NA
Vaishali Bisht	MBA	Assistant Professor (Contractual)	IB and Marketing Management	03	NA
Chaman Kumar	MBA	Assistant Professor (Contractual)	Financial and Marketing Management	03	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Mr. Howard Grundy

13. Percentage of classes taken by temporary faculty – programme-wise information

BBA – 100%

MBA (Part time) – 100%

14. Programme-wise Student Teacher Ratio

1:25

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanction	Filled	Actual
Class III	01	01	01
Class IV	02	02	02

16. Research thrust areas as recognized by major funding agencies

N.A.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration N.A. b) International collaboration N.A.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

N.A.

20. Research facility / centre with

- State recognition N.A.
- National recognition N.A.
- International recognition N.A.

21. Special research laboratories sponsored by / created by industry or corporate bodies

N.A.

22. Publications:

- Number of papers published in peer reviewed journals (national / international) :
 - (i). Mr. Chaman Kumar (Author), "Changing Scenario of Indian Insurance Sector: A Study on Service to Sales Method of Life Insurance Companies in India", "International Journal of Business and Management Invention ISSN (Online): 2319 – 8028, ISSN (Print): 2319 – 801X www.ijbmi.org Volume 3 Issue 2 February. 2014 PP.07-09"
 - (ii). Mrs. Sarika Joshi (Author), "Higher Education in Uttaranchal", Faculty of Commerce & Management, Kumaun University, Nainital, Jan Shikshan Sansthan, Bhimtal & Amrapali Institute, Haldwani."(2005)
 - (iii). Mrs. Sarika Joshi (Co-Author), "Marketing System Reforms and Agricultural Prosperity in Uttarakhand", Indian Society of Agricultural Marketing, Nagpur & Kumaun University, Nainital"(2012)
- Monographs N.A.
- Chapters in Books N.A.
- Edited Books N.A.
- Books with ISBN with details of publishers N.A.
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) N.A.
- Citation Index – range / average N.A.
- SNIP N.A.
- SJR N.A.
- Impact Factor – range / average N.A.
- h-index N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

23. Details of patents and income generated

N.A.

24. Areas of consultancy and income generated

N.A.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

N.A.

26. Faculty serving in

a) National committees	N.A.
b) International committees	N.A.
c) Editorial Boards	N.A.
d) any other (please specify)	N.A.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 32.5%
- percentage of students doing projects in collaboration with other universities / industry / institute N.A.

29. Awards / recognitions received at the national and international level by

• Faculty	N.A.
• Doctoral / Post-Doctoral fellows	N.A.
• Students	N.A.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

N.A.

31. Code of ethics for research followed by the departments

N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
BBA (Batch 2011-14)	24	10	Nil	40	NA
BBA (Batch 2012-15)	60	31	11		
BBA (Batch 2013-16)	52	28	13	67.8	92.3
BBA (Batch 2014-17)	36	16	07	NA	NA
MBA (Part Time) (Batch 2008-11)	8	3	2	100	100
MBA (Part Time) (Batch 20012-15)	2	1	1	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BBA	NA	NA	NA	NA
MBA (Part Time) (Batch 2008-11)	60	NA	40	NA
MBA (Part Time) (Batch 20012-15)	100	NA	100	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

N.A.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	N.A.
PG to M.Phil.	N.A.
PG to Ph.D.	N.A.
Ph.D. to Post-Doctoral	N.A.
Employed	N.A.
☐ Campus selection	
☐ Other than campus recruitment	
Entrepreneurs	N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	67%
from other universities within the State	Nil
from universities from other States	33%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01 - Mrs. Sarika Joshi, PhD submitted

38. Present details of departmental infrastructural facilities with regard to

a) Library

S. No.	Name of Library Facility	No. of Books available
1.	General Library	2088
2.	Book-Bank	1773
Total		3861

- b) Internet facilities for staff and students : NA
- c) Total number of class rooms : 03
- d) Class rooms with ICT facility : NA
- e) Students' laboratories : NA
- f) Research laboratories : NA

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university NA
- b) from other institutions/universities NA

40. Number of post graduate students getting financial assistance from the university.

N.A.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

N.A.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NA
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, ‘THE HERMITAGE’, KUMAUN UNIVERSITY

43. List the distinguished alumni of the department (maximum 10)

N.A.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

N.A.

45. List the teaching methods adopted by the faculty for different programmes.

- Delivering lectures
- Case studies
- Power point presentations
- Management games

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

N.A.

47. Highlight the participation of students and faculty in extension activities.

N.A.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Personality Development Programmes (PDP)
- Extra-Curricular Activities

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

N.A.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

N.A.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- Strength: Knowledgeable and competent faculty
- Weakness: Proper infrastructure not available
Limited finance
- Opportunities: New management courses at both UG and PG level.

EVALUATIVE REPORT OF THE DEPARTMENT OF E-COMMERCE, 'THE HERMITAGE', KUMAUN UNIVERSITY

- Challenges: Proper running of the curriculum with limited finance,
Difficulty in introducing new courses due to unavailability of
required infrastructure.

52. Future plans of the department.

- The department is planning to introduce new courses like B.Com. (Honours) at UG level and MBA- Marketing at PG level.

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

1. Name of the Department

Department of Management Studies

2. Year of Establishment

1997

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Commerce & Management

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

PG, Ph.D., Integrated Masters

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester

9. Participation of the department in the courses offered by other departments

Yes, Pharmacy/Biotechnology/ Tourism Departments

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professors	02	01	02
Asst. Professors	03	02	0 (One transferred)
Others	-	08	08

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialisation	No. of Years of Experience		No. of Ph.D /M.Phil Students guided for last 4 years
				Industrial	Teaching	
Prof. P.C. Kavidayal	Ph.D (I.R), M.Com, B.Com.	Professor and Head	Finance and Human Resource	-	34	8
Dr. L.K.Singh	Ph.D (Management, MBA, B.Text., CFA	Associate Professor	Finance and Management	10	14.5	5
Dr. Amit Joshi	Ph.D (Management, MBA, B.Sc	Associate Professor	Marketing	3	16.5	4
Dr. Hitesh Pant	Ph.D (Management, MBA, M.Sc.	Contract Teaching Personnel	Quantitative Techniques, Rural Marketing and Research Methodology	0	10	0
Mr. Asheesh Bisht	M.B.A & BSc Agriculture	Contract Teaching Personnel	Marketing, Agricultural and Rural Management, Marketing research	1	3	0
Mr. Sunil Kumar	Ph.D. (Pursuing), MCA	Contract Teaching Personnel	Artificial Intelligence	0	22	0
Mrs. Pratibha Pant	MBA and BBA	Contract Teaching Personnel	Human Resource Management	1	5.7	0
Er. Sumit Prasad	Ph.D. (Pursuing), DipTD, MBA, B.Tech (Mechanical Engineering)	Contract Teaching Personnel	Training and Development, Human Resource Management	0	4.8	0
Dr. Neelam Pandey	Ph.D (Commerce), M.Com, B.Com	Contract Teaching Personnel	Commerce, Accounting, Finance	0	3	0
Mr. Narendra Kumar	MBA, BBA	Contract Teaching Personnel	Marketing	4	2.5	0
Mr. Udit Pandey	MBA, P.G. Diploma in Tourism	Contract Teaching Personnel	Human Resource Management	1	3.6	0

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name & Address	Reason for Visiting
Prof. S.P.Gupta Former Head & Dean, Faculty of Management Studies, University of Delhi.	Financial Management
Prof. Pankaj Kumar Roy XLRI, Jamshedpur.	Importance of Observing Organizational Behaviour
Prof. Pankaj Kumar I.I.M Lucknow.	HRM
Prof. Sudhir Kumar Joshi Coordinator MBA Program, IIT New Delhi.	Finance
Prof. H.P.Gupta Former Head & Dean, Faculty of Management Studies University of Delhi.	Finance/ Account
Dr. J.P. Singh Department of Management Studies, I.I.T. Roorkee.	Finance Security (analysis and portfolio Management)
Dr. Somesh Paliwal Director Tussar Centre, Bhimtal.	BE, LPG, Pollution water, air etc.
Mr. Ravi Om Tandan Branch Manager Punjab National Bank, Bhimtal.	Managerial Economics Indifference Curve Elasticity of Demand
Dr. J.K Goyal Delhi University, Delhi	Statistics
Prof. Azhar Kazmi Chairman Department of Business Administration, Aligarh Muslim University, Aligarh	Importance of Observing Organizational Behaviour
Prof. B.P. Singh Former Head & Dean, Department of Commerce & Business, Delhi School of Economics, Delhi University	Economics
Prof. Alok Saklani Director Appeejay Institute of Management, New Delhi	Marketing
Dr. P.C. Pandey Executive Director , Times Foundation, New Delhi	CSR

13. Percentage of classes taken by temporary faculty – programme-wise information

Programme	Percentage
MBA (Two Year)	52%
MBA Integrated (five Year)	83%

14. Programme-wise Student Teacher Ratio

Programme	Students Teacher Ratio
MBA (Two Year)	16:1
MBA Integrated (five Year)	19:1

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Category of employee	Sanctioned	Filled	Actual
Class – III			
(a) Permanent	-	-	03
(b) Contractual/Outsourcing	-	-	02
Class – IV			
(c) Permanent	-	-	02
(d) Contractual/Outsourcing	-	-	06
Total	-	-	13

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	51
• Monographs	NA
• Chapters in Books	04
• Edited Books	01
• Books with ISBN with details of publishers	05

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	12
• Citation Index – range / average	05
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	04
• h-index	02

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	--
b) International committees	--
c) Editorial Boards	1
d) any other (please specify)	3

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- a) Workshop on SPSS -- “Data analysis using SPSS”
 No. of participating faculty = 5
 Duration of Programme = 2 Days (23-24 March, 2013)
- b) Quality improvement programme(AICTE sponsored) at IIT Roorkee, on “Strategic Human Resource Management”
 No. of participating faculty = 2
 Duration of programme = 5 days (Feb, 3-7, 2014)

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 46%
- percentage of students doing projects in collaboration with other universities / industry / institute 54%

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

29. Awards / recognitions received at the national and international level by

- Faculty
 - o Indra Gandhi National Award for NSS-2009 Prof. P.C. Kavidayal, NSS Coordinator
- Doctoral / Post-Doctoral fellows
- Students
 - o Overall Championship at OIMT, Rishikesh

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Title of seminar /conference / workshop	National/ International	Source of funding	Time period
• Seminar on “Status Issues & Challenges of Agricultural Marketing in Mountain States of country” held at Kumaun University, Nainital	National	Society of Agricultural Marketing	June 3-4, 2011
• Workshop on” Expectations of Stake holders from Institutions of Higher Learning “held at DMS, Bhimtal	National	Own sources	October, 2013
• One day workshop on “Role of schools in career counselling” held at DMS, Bhimtal	National	Own sources	December. 2013
• One day on-line workshop on LATEX organized by IIT-Mumbai	National	-	18 March, 2014

31. Code of ethics for research followed by the departments

As per University rules

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
MBA Two Year					
2009-10	178	25	35	100	100
2010-11	130	50	46	100	100
2011-12	110	16	33	88	100
2012-13	78	20	32	95	100
2013-14	72	24	22	92	100
MBA Integrated	(Five Year)				
2011-12	118	23	21	96	100
2012-13	91	19	11	95	91
2013-14	52	9	18	67	100

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA 2 Year				
2009-10	73	8	19	-
2010-11	76	10	14	-
2011-12	82	9	9	-
2012-13	78	9	13	-
2013-14	68	11	21	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of students	Net Qualified year
• Sumit Prasad	NET-JRF June , 2012
• Anupa Chaudhary	UGC-NET, June, 2012
• Deepti Kapil	UGC-NET- Dec, 2012
• Udit Pandey	UGC – NET Dec, 2012
• Kamlesh Negi	UGC-NET , Dec, 2013
• Deepanshu Singh	UGC- NET
• Priyanka Arya	UGC NET, 2009 December
• Karan Singh Khat	UGC NET, Dec, 2012
• Arti Sharma	UGC NET, June 2012
• Manoj Goswami	UGC NET , December, 2012
• Manohar Giri	UGC NET – JRF, June, 2011
• Neeraj Nautiyal	UGC NET, December, 2012

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	Average of list five years – 41%
☐ Other than campus recruitment	Average of list five years- 47%
Entrepreneurs	5%

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	34.4%
from other universities within the State	27.3%
from universities from other States	27.3%
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Three

38. Present details of departmental infrastructural facilities with regard to

a) Library

S.No	Description	2009-10	2010-11	2011-12	2012-13	2013-14
1.	Books :					
	Total (as on 30 th june	9393	11297	12186	12610	13049
	Additions during the year	-	1904	889	424	439
2.	Journals & Magazine	25	21	18	18	19
3.	On line Journal	-	-	-	-	EBSCO

b) Internet facilities for staff and students : Available (Internet broadband unlimited plan of BSNL speed 2 mbps)

c) Total number of classrooms: 07

d) Class rooms with ICT facility: 04

e) Students' laboratories:

Server	Computers	Operating Systems	Application Software	Database
01	68	Windows, SQL server	SPSS 20	PROWESS by CMIE

f) Research laboratories: NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

1.	Mr. Vinay Kandpal	2009
2.	Ms. Pratibha Bhatt	6-7-2010
3.	Ms. Seema Sati	30-5-2011
4.	Ms. Gautam Vijeta	30-5-2011
5.	Mr. Ravi Tandan	27-5-2011
6.	Ms. Joyti Sarki	30-11-2013

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b) from other institutions/universities

1.	Ms. Ruchi Srivastava	16-4-2009
2.	Mr. Nitesh Kulshretha	26-7-2009
3.	Mr. Veer Gagwar	2009
4.	Ms. Priyanka Lohani	7-7-2010
5.	Ms. Honey Gupta	25-5-2011
6.	Ms. Deepa Bisht	27-6-2012
7.	Ms. Priyanka Banga	29-6-2012
8.	Ms. Partha Pratim Roy Chowdy	8-6-2012
9.	Ms. Shala Jabeen Ansri	18-11-2013
10.	Ms. Reetu	19-11-2013
11.	Mr. Nihar Ranjsn Pande	20-11-2013

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Yes , the need assessment exercise was undertaken in respect of the 5 year Integrated MBA Programme. The proposal was sent to 3 Industry experts for their inputs before the formal (first of its kind in Uttarakhand) launch Industry experts recommendations were incorporated at appropriate places in the programme structure. Firstly, there was precedence establishing the relevance and the success of the said programme, i.e. it was already being run successfully by some Universities in other states. Secondly, wherever this programme was introduced it was received well by the student community. The period of 5 years is considered as a sufficient time to orient students into management education and groom them into employable professionals.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
Feedback from faculty regarding teaching-learning evaluation is obtained. The same has been utilized to augment teaching pedagogy on a continuous basis. It has enabled our faculty members to identify their respective areas of improvement.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
Feedback from students regarding staff, curriculum and teaching learning evaluation is obtained. The same has been used to assess the teaching aptitude and improve the performance of the faculty members. It has been used to modify academic curriculum on a few occasions with a view to make the curriculum more contemporary.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? YES
Yes, such a feedback has been obtained informally as well as formally and the same has been used to make the curriculum more comprehensive through the inclusion of some academic concepts and opportunities for learning practical skills with a view to make the programme in tune with the emerging needs of the industry.

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

43. List the distinguished alumni of the department (maximum 10)

i.	Mr. Satyaprakash	IDBI Bank
ii.	Ms. Jayshree Sharma	IDBI Bank
iii.	Mr. Ramesh Belwal	Yes Bank
iv.	Mr. Gaurav Joshi	Yes Bank
v.	Mr. Manish Joshi	Dr. Reddys
vi.	Mr. Vimal Pant	UCO Bank
vii.	Mr. Himanshu Joshi	Union Bank
viii.	Mr. Shankhdeep Sen Gupta	M/s ESSAR Steels Ltd.
ix.	Mr. Shivang Agrawal	TOI Group
x.	Mr. Shalinedra Kumar	M/s Coal India Ltd.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- The Students enrichment is a vital area of emphasis in our department. The following initiatives have been taken in this regard.
 - i. Guest lectures by academicians and subject experts. For example lectures by practicing professionals have arranged pertaining to topics of capital market.
 - ii. Special lectures by corporate managers wherein practical aspects of Marketing, logistics and production have been explained to the students.
 - iii. Seminars and workshops on the themes related to management, economics, capital markets have been organized on a regular basis.
 - iv. Motivational lectures have been organized. These have been conducted by corporate trainers.
 - v. Students have been engaged in surveys and short term industrial projects.
 - vi. 30 hours workshops in each year are organized on soft skill enhancement, Business ethics, leadership, employability enhancement of the students.

45. List the teaching methods adopted by the faculty for different programmes.

Lectures, Case Study, Role play, Group Discussion, Presentation, Project work, fieldwork, etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The monitoring in respect of achievement of objectives and learning is being done through.
 - i. Analysis of academic results of the students.
 - ii. Laying emphasis on attendance of students during the academic sessions.
 - iii. Encouraging the students to participate actively in the curriculum based events and extracurricular activities.
 - iv. In due course, good placement of students will be important criteria.

47. Highlight the participation of students and faculty in extension activities.

- We have been able to enlist the participation of students in the following extension services:

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

- i. Blood donation camps
- ii. Health and hygiene awareness campaigns in the rural areas.
- iii. Environmental awareness March in the city.
- iv. Tree plantation drives in the vicinity of the campus and the nearby areas.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The department has laid a lot of emphasis on such activities; these activities are regarded as reinforcement exercises and argument learning among students. Second half of every Saturday is earmarked in the time table for such activities. Briefly stated the activities organized include:
 - i. Subject based PowerPoint presentation by students,
 - ii. Business awareness quiz.
 - iii. Current awareness sessions
 - iv. Communication skill enhancement sessions.
 - v. Advertisement campaign contest
 - vi. Paper reading competition.
 - vii. Role play contest
 - viii. Mock interview sessions
 - ix. G D sessions
 - x. Industrial visit for students
 - xi. Educational tours cum excursions.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department has always endeavoured to make learning a more meaningful and purposeful exercise. The MBA curriculum provides for six to eight weeks of summer project to be undertaken by the students after one year. This is an opportunity for the students to apply and experience the theoretical inputs acquired in classroom in real-life situations. The department experimented by inducing students to work on a project initiated by the department. The exercise started by developing and screening ideas and implementing the ideas for realizing social and economic objectives. The basic purpose was to expose the students to the ground realities in rural Uttarakhand that is characterized by massive out-migration of youth in search of employment. The project involved extensive survey of five districts of the state followed by development of a business plan that would create income opportunities for the rural youth, and therefore prevent the process of migration. A society was registered with the registrar-firms and societies to stimulate rural youth to become entrepreneurs. All branding and marketing responsibilities were assumed by the society. Branding was done after a proper feedback from various stakeholders. Consequently, “DAJUS” and BAINIS” generated high degree of unanimity. It has been decided to induce local farmers to produce indigenous value added organic products. The society will take up branding and other marketing activities. The process is on and department is very optimistic that the socio-economic objects would be realized in due course of time. The response from the students has been very encouraging and it is

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

very evident in the form improved analytical abilities.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**

- i. Attractive faculty student ratio - the batch size is restricted to a maximum of 50 students in the MBA 2 year programme and 50 students in MBA 5 year integrated programme.
- ii. Location – The department of management studies is located in the beautiful Bhimtal valley. Pollution free environment and a pleasant temperature throughout the year make learning a delight.
- iii. UGC sponsored, AICTE approved and state funded.
- iv. Qualified and dynamic faculty - the department has five Ph.Ds and four NET qualified teachers.
- v. Good infrastructure – A fully equipped computer lab with latest softwares and internet facility, well equipped library with more than 3000 titles and subscription of renowned national & international journals.
- vi. We don't have an independent placement cell headed by a full - fledged training and placement officer

- **Weaknesses:**

- i. Non-residential campus- Working hours are limited.
- ii. Inability of decision makers to take financial decisions at the departmental level.
- iii. Lack of resources for promoting interaction with the industry.
- iv. Few areas of specialization due to faculty shortage as only six posts have been sanctioned by UGC and state government.
- v. Lack of sports /games facilities that hampers all round development of students.

- **Opportunities:**

- i. Induce into the curriculum new and emerging areas of specialization.
- ii. Collaboration with management programmes of other renowned Universities and institutes.
- iii. To develop programmes, centres and courses for entrepreneurship development so important for the young state of Uttarakhand.
- iv. Initiate and promote consultancy to benefit both an academia and industry.
- v. Undertake projects in the disaster prone state of Uttarakhand.

- **Challenges:**

- i. Mushrooming of private universities and institutes in the state.
- ii. Adapting the course curriculum with the rapidly changing environment.
- iii. Gradual withdrawal of subsidies by the government.
- iv. Inability to recruit and retain good faculty due to absence of any form of job security. Majority of the faculty is working on hire and fire policy making it extremely difficult for them to contribute to their potential.
- v. Little or no development of faculty due to non-availability of funds for attending conferences, workshops and faculty development programmes.

EVALUATIVE REPORT OF THE DEPARTMENT OF MANAGEMENT STUDIES, D.S.B. CAMPUS

52. Future plans of the department.

- The department would emphasize the need to align professional education courses with the urgent and pressing needs of the 14 year old state of Uttarakhand. Since its inception the state has been struggling to correct the fiscal imbalances. The state has not been able to create adequate employment and income opportunities for the people. The department will strive to create, promote and develop entrepreneurship. It is proposed to set up a centre for entrepreneurship development. New areas of specializations, viz., Tourism, IT, Disaster Management are proposed for next five years. The number of posts sanctioned by the UGC and endorsed by the state is only six. The department, since then, has grown in terms of number of courses and the number of students. The department now runs a five year integrated MBA programme in addition to the original 2 year programme. The need for faculty therefore, is growing every year. The department would request the state government to sanction additional posts in teaching and Non-teaching staff. It is proposed to initiate efforts to make this programme completely residential. This is important to ensure a good learning environment.
- Interaction with the industry would be ensured in a more meaningful way. Eminent personalities from the industry will just not interact with our students. But will provide valuable inputs for continuously updating and refining our curriculum. This would enhance the efficiency and effectiveness of our placement bureau. The department intends to develop and enhance the skills of our faculty by providing resources to enable our faculty members to participate in faculty development programmes. It is also proposed to provide financial support for attending one International, one national conference per year. This would definitely provide the much needed exposure to our teachers.

EVALUATIVE REPORT OF THE DEPARTMENT OF LAW, S.S.J. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Law

2. Year of Establishment

1976-77

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG : LLB
- PG : LLM
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03
Associate Professors	02	02	02
Asst. Professors	06	04	04
Others	--	01	01

EVALUATIVE REPORT OF THE DEPARTMENT OF LAW, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Designation	Specialization	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. S.D.Sharma	LL.M.;Ph.D	Professor	Human Rights' Const. Law, Jurisprudence	20 yrs	04
Prof. D.K.Bhatt	LL.M.;Ph.D	Professor	Labour Law, Const. Law, Property Law, Human Rights	20 Yrs	03
Prof. S.K. Khandelwal	LL.M.;Ph.D	Professor	Women Studies, Taxation, Law of Torts	30 Yrs	Nil
Dr. A.K.Pant	LL.M.;Ph.D	Professor	Environ. Law, Const. Law, Human Rights	15 Yrs	01
Dr. J.S.Bisht	LL.M.;Ph.D	Associate Professor	Const. Law, Human Rights, ADR	14 Yrs	Nil
Dr. A.K. Naveen	LL.M.;Ph.D	Assistant Professor	Const. Law, Human Rights	13 Yrs	Nil
Dr. Arshad Hussain	LL.M.;Ph.D	Assistant Professor	Labour Law, Human Rights	9 Yrs	Nil
Dr. D.P. Yadav	LL.M.;Ph.D	Assistant Professor	Law of Torts, Administrative Law Const. Law	9 Yrs	Nil
Mr. Dalveer Lal	LL.M.	Assistant Professor	Const. Law, Property Law	2 Yrs	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. K.C.Joshi.Former Vice-Chancellor,Kumaun University, Nainital.
- ii. Prof Subhash Kumar Gupta, HNB University, Pauri
- iii. Prof. A.K. Awasthi,Lucknow University, Lucknow,
- iv. Prof. S.K. Bhatnagar, BBA University, Lucknow.
- v. Prof. A.K. Pande ,HNB University, Tehri.
- vi. Prof. Priti Sexena, BBA University, Lucknow.

13. Percentage of classes taken by temporary faculty – programme-wise information

LL.B. - 06

EVALUATIVE REPORT OF THE DEPARTMENT OF LAW, S.S.J. CAMPUS, KUMAUN UNIVERSITY

14. Programme-wise Student Teacher Ratio

1 :40

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Category	Sanctioned	Filled	Actual
Clerical	02	02	04 (02 employees are working on Contractual basis
Peon	02	01	03 (02 employees are working on Contractual basis)
Sweeper	-	-	01 Employee is working on contractual basis

16. Research thrust areas as recognized by major funding agencies

- Human Rights ,Environmental Law and Intellectual Property Rights etc.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- National-02

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Project (Completed)	Grant	Status	Funding Agency
Right to Information	Rs 1,00,000/	National	UGC
Terrorism and Human Rights	Rs 7,00,000/	National	UGC

20. Research facility / centre with	

•	State recognition	NA
•	National recognition	NA
•	International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	120 / 40
• Monographs	NA

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• Chapters in Books	10
• Edited Books	01
• Books with ISBN with details of publishers	05
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

Nil (Because of Social Service)

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

THREE

26. Faculty serving in

a) National committees	04
b) International committees	02
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

UGC Refresher, Sept. 2011 (Law)

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

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30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminar-01 HRD Deptt. ,Government of India.

31. Code of ethics for research followed by the departments

- UGC. Rules and regulations pertaining to research are followed in letter and spirit.
- Pre-Ph.D. Course
- Attendance of Ph.D. scholar required to be 75%
- Some students are qualified NET & JRF.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
LL.B.	343	313	95	95	98
LL.M.	33	12	10	90	95
Ph.D.	80	20	09	Pursuing	Pursuing

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
LL.B.	90	04	06	Nil
LL.M.	59	23	28	Nil
Ph.D.	42	33	25	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- JRF UGC - 03, NET - 10
- 07 Students were selected Civil Judge (Junior Division)
- 05 Students are working as Professor, Associate Professors in various Universities
- Many students are working as legal officers in Corporate Sectors, Banks and Transportation departments.
- More than 60% students are doing their private legal practice in various High Courts and District Courts.

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35. Student progression

Student progression		Percentage against enrolled
UG to PG		62
PG to M.Phil.		--
PG to Ph.D.		42
Ph.D. to Post-Doctoral		--
Employed		
☐	Campus selection	Nil
☐	Other than campus recruitment	50
Entrepreneurs		--

36. Diversity of staff

Percentage of faculty who are graduates		
of the same university		52
from other universities within the State		10
from universities from other States		38
from universities outside the country		Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01 Ph. D. Awarded (2012)

38. Present details of departmental infrastructural facilities with regard to

a)	Library	YES
b)	Internet facilities for staff and students	YES
c)	Total number of class rooms	05
d)	Class rooms with ICT facility	01
d)	Students' laboratories	Well Furnished Moot Court
e)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	NA
b)	from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

02 JRF candidates are getting financial aid from UGC through University

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41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- LL.M.- Infrastructural facilities arranged for LL.M. Programme assessed before development on the need and practical based.
- Ph.D.- Based on New Regulation of UGC.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - By asking questions.
 - Analysing reports.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - By talking students about teaching-learning activities.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? YES
 - By asking the information on telephone
 - Through Newspaper.

43. List the distinguished alumni of the department (maximum 10)

- Prof. S.D. Sharma (Professor)
- Prof. D.K. Bhatt(Professor)
- Dr. A.K. Pant (Asso,Professor)
- Dr. J.S.Bisht (Asso. Professor)
- Smt. Meena Tewari (District Judge)
- Mr. R.C Khulbe (District Judge)
- Prof. Vimal Joshi (Professor)
- Ms. Rinki Sahani (Judicial Magistrate)
- Ms. Neha Qayum (Judicial Magistrate)
- Mr. Manoj Garbiyal (HJS)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Prof. K.C.Joshi'Extension lectures delivered on Constitutional Law
- Dr. A.B. Kafliya- Lectures delivered on Professional Ethics

45. List the teaching methods adopted by the faculty for different programmes.

- Power point Presentation
- Seminar
- Discussion
- Debate on burning topics

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- Group Discussion
- Moot Court Presentation

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Discussion
- New Innovational techniques
- Moot Court Presentation

47. Highlight the participation of students and faculty in extension activities.

- Academic Tours
- Trial observation in courts.
- Court Visit (Trial observation)
- Chamber Visit (Pre-trial Preparation)

48. Give details of “beyond syllabus scholarly activities” of the department.

- Legal Aid
- Legal Advice to needy persons

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- Yes, Bar Council has given permanent recognition.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Seminar presentation
- Practical knowledge of law is imparted to students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Faculty has separate building
 - ii. Faculty has well qualified teachers
 - iii. Students are well disciplined
 - iv. New teaching-learning methodology available
 - v. Availability of Smart Class and Computer lab.
- **Weaknesses**
 - i. Lack of separate library building
 - ii. Lack of qualified library staff
 - iii. Lack of library grant for converting it in digitalization
 - iv. Lack of adequate ministerial staff for running library for 24 hours.
 - v. Lack of Campus placement cell.

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- **Opportunities**

- i. This department is only institution which caters the need of Kumaon region for legal education at post-graduate and research degree level.
- ii. Research on human rights, women studies and environmental law, patent and copyrights and IDR.
- iii. Awareness of new legal provisions in society
- iv. Free legal aid and advice to the needy people of this region.
- v. Opportunity to prepare good layers and law officers.

52. Future plans of the department.

- The department intends to start LL.B. five year integrated course. In addition to this post-graduate diploma on human rights, IPR, Criminal law, Environmental law, Labour law and Taxation law will be started soon.

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1. Name of the Department

Department of Biotechnology

2. Year of Establishment

2000

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- M.Sc. Biotechnology,
- M.Sc. Microbiology
- Ph.D. Biotechnology

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	0	-
Associate Professors	2	2	-
Asst. Professors	3	3	-
Others	-	-	-

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Veena Pande	Head & Coordinator	Ph.D	Biochemistry, Plant Biotechnology & Molecular Biology	14	(07) Awarded (02) Submitted (06) In process
Dr. Sushma Tamta	Associate Professor	Ph.D	Plant Biotechnology	9	(02) Awarded (01) Submitted In process
Dr. Tapan Kumar Nailwal	Sr. Assistant Professor	Ph.D	Molecular Biology & Plant Biotechnology	9	(02) Awarded In process
Dr. Rishendra Kumar	Assistant Professor	Ph.D.	Genetic Engineering & Molecular Biology	3	----
Dr. Santosh Upadhyay	Assistant Professor	Ph.D.	Molecular biology of Infection & Cancer biology	1	----
Dr. Mayank Pandey	Teaching Personal	Ph.D.	Biochemistry and Molecular Biology	4	----
Dr. Md Shahabaz Anwar	Teaching Personal	Ph.D.	Microbiology	2	----

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Adjunct faculty:
 - o Dr. Rakesh Bhatnagar, Dean. School of Biotechnology. JNU, New Delhi
- Senior Visiting fellows:

Name	Organization
1. Dr. Lalji Singh	Vice-Chancellor BHU Varanasi, Former Director, CCMB, Hyderabad,
2. Prof. Ram Sagar	Ex-Director, ARIES, Nainital
3. Dr. Rajendra Dobhal	DG UCOST Dehradun, Former CEO, NRDC, New Delhi
4. Dr. B.S.Bisht	Director, Birla Institute of Science & Technology, Bhimtal
5. Dr. N. Latha	Sri Venkateswara College, D. U, New Delhi
6. Prof. H.S.Dhami	Vice Chancellor, Kumaun University, Nainital
7. Prof. Uma Melkania	Dean, CBSH, GBPUAT, Pantnagar
8. Prof. C.S. Mathela	Emeritus Fellow & Former Head, D.S.B. Campus
9. Prof. A.D. Ahoowalia	Punjab University Chandigarh

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10. Prof. R.C.Pant	Former Vice Chancellor, Kumaun University, Nainital
11. Prof. B.D. Lakchaura	Retd. Professor, GBPUA&T Pantnagar
12. Dr. P.K. Agarwal	Principal Scientist, VPKAS, Almora
13. Dr. A. Barat	Principal Scientist, DCFR, Bhimtal
14. Dr. Alok Shukla	Associate Professor, GBPUAT, Pantnagar
15. Prof. S.S. Lele	Professor, ICT, Mumbai
16. Dr.T.K.Chaudhuri	Professor, I.I.T. Delhi
17. Dr. L.M.S. Palni	Ex-Director, GBPIHED, Almora
18. Prof. Uma Palni	Former Head, DSB Campus, Nainital
19. Dr. T.S. Rana	Principal Scientist, NBRI, Lucknow
20. Dr. Anil Kumar	Prof. & Head, MBGE, GBPUAT, Pantnagar
21. Dr. Anil Gaur	Professor, MBGE, GBPUAT, Pantnagar
22. Dr. S.K. Nandi	Senior Scientist, GBPIHED, Almora
23. Dr. R.C. Dubey	Professor, Gurukul Kangri Univ. Haridwar
24. Dr. Narender Shah	Head R&D Lehar Division of PepsiCo, India
25. Dr. Anita Pandey	Scientist & Head, GBPIHED, Almora
26. Dr. D.K. Maheshhwari	Professor, Gurukul Kangri Univ. Haridwar
27. Dr.Satis.B. Shivchandra	Scientist, IVRI, Mukhteswar
28. Dr. S. Chandrasekhar	Scientist, IVRI, Mukhteswar
29. Dr. M.A. Ramakrishnan	Senior Scientist, IVRI Mukhteswar
30. Dr. Md. Arif	Retd. Senior Scientist, DRDO, Haldwani
31. Dr A.B. Pandey	Director, IVRI Mukteshwar
32. Dr Anil Tripathi	BHU, Varanasi
33. Dr Soma Marla	Head, Department of Biotechnology, NRCBP, New Delhi
34. Dr D.Sunder	Associate Professor, IIT Delhi
35. Dr. Madhu Chopra	Assistant Professor, Dr. BR. Ambedkar Institute of Applied Science, New Delhi.
36. Dr. Aparup Das	Senior Scientist, NIMR Delhi.
37. Dr. Om Prakash Arya	Associate Professor, GBPUAT Pantnagar.
38. Dr. Umapati	Scientist, IVRI, Izzat nagar U.P.
39. Dr. N Subbarao	Associate professor, SIT, JNU.
40. Dr. Ashish kr, Singh	Assistant Professor, University of Allahabad

13. Percentage of classes taken by temporary faculty – programme-wise information

- MSc Biotechnology: Ist & IIIrd: 33.33%, MSc Biotechnology: IInd & IVth: 25%
- MSc Microbiology: Ist & IIIrd: 33.33%, MSc Microbiology: IInd & IVth: 25%

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14. Programme-wise Student Teacher Ratio

- MSc Biotechnology : 5.71
- MSc Microbiology : 8.57

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

- a) Molecular characterization of medicinally important herbs of Uttarakhand, identification of active component(s) and their possible commercial production: Strategy formulation and its implementation for systematic and sustainable use of natural resources.
- b) Studying impact of plant-microbes interactions on plant growth and diseases.
- c) Cloning and characterization of genes for cold and drought resistance with respect to different altitudes.
- d) *In vitro* and *in situ* conservation of rare, endangered, medicinal and economically important plants of Uttarakhand.
- e) Development of transgenic plants for potential agricultural benefits.
- f) Construction of DNA signatures of land races of Kumaun and their nutraceutical analysis.
- g) Phylogenetic study of culturable and non-culturable diversity of Uttarakhand organic farming land and development of bio-fertilizers.
- h) Phylogenetic study of tribal and caste population of Uttarakhand.
- i) Cancer Chemoprevention and Chemotherapeutics: Examination of Anti-cancer activities of active compounds from medicinal flora of Uttarakhand, in various genetic and tissue backgrounds.
- j) Pharmacogenomic/proteomic studies aimed at identification of molecular signatures of diagnostic/prognostic value in various Cancers.
- k) Screening and Characterization of potential Biofuel producing microalgal species from cold water lakes.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the P.I.	Title of the project and duration	Funding Agency	Grant in (Lakhs)
Dr.Veena Pande	Genetic Diversity of Ectomycorrhizal fungi associated with <i>Quercus leucotrichophora</i> forest of Kumaun Region of Uttarakhand. 2013-2015	UCOST, Govt. of Uttarakhand	2.13 (for 1 st Year)
Dr. Sushma Tamta	Genetic transformation through <i>Agrobacterium rhizogenes</i> for enhanced production of potential	USBD, Govt. of Uttarakhand	5.35

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	alkaloids in <i>Berberis</i> spp. of Kumaun Himalayan region ". Year-2012-2015		
Dr. T.K. Nailwal	Macro and Micropropagation with Biochemical and Molecular Characterization of <i>Aconitum balfourii</i> Stapf, and <i>Prunella vulgaris</i> L. Important medicinal plant species of Uttarakhand. Year-2012-2015.	USBD, Govt. of Uttarakhand.	10.00
Dr. T.K. Nailwal	<i>In vitro</i> mass multiplication of superior clone of Apple (<i>Pyrus malus</i> L.) cultivars of Ramgarh region of Mukteshwar Kumaun hills. Year-2012-2015.	UGC, Govt of India	12.50

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

PI	Title of the project	Funding Agency	Collaboration	Grants (in lakhs)
Dr. Veena Pande	"Genome Diversity in the Caste population of Kumaon Region" 2010-2013	CSIR , New Delhi	Dr Lalji Singh, Director CCMB, Hyderabad	12.25
Dr. Veena Pande	"Genome Diversity in the Tribal population of Kumaon Region" Feb 2005-Jan 2008	CSIR, New Delhi	Dr Lalji Singh, Director CCMB, Hyderabad	16.92
Dr. T.K. Nailwal	Macro and Micropropagation with Biochemical and Molecular Characterization of <i>Aconitum balfourii</i> Stapf, and <i>Prunella vulgaris</i> L. Important medicinal plant species of Uttarakhand. Year-2012-2015.	USBD, Govt. of Uttarakhand.	Prof Anil K. Gaur, GBPUA&T, Pantnagar	10.00
Dr. T.K. Nailwal	<i>In vitro</i> mass multiplication of superior clone of Apple (<i>Pyrus malus</i> L.) cultivars of Ramgarh region of Mukteshwar Kumaun hills. Year-2012-2015.	UGC, Govt of India	Dr Alok Shukla GBPUA&T, Pantnagar	12.50

b) International collaboration

NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- DST-FIST: 41 Lakh (till 2013)

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20. Research facility / centre with

o State recognition	NA
o National recognition	NA
o International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	61/78
• Monographs	NA
• Chapters in Books	09
• Edited Books	NA
• Books with ISBN with details of publishers	01
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NCBI Database-168
• Citation Index – range / average	420
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	124.773
• h-index	23

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Dr. Veena Pande: adjunct faculty at BHU, 2013

26. Faculty serving in

- **Dr Veena Pande**
 - o Visiting DRL Goraparao, Haldwani Since September 2006 as an expert to evaluate ongoing research work.
 - o Member of RDC Committee of Department of Biochemistry, Ram Manohar Lohia Avadh University, Faizabad.
 - o Member of Institute Animal Ethics Committee (IAEC) IVRI, Mukteshwar.
 - o Member of Biotechnology English-Hindi dictionary creation expert Committee of Commission for Scientific & Technical Terminology, Govt. of India.

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- o Member of Advisory Board of Institute of Biotechnology & Allied Sciences, Training & Research Centre, Piprali road, Sikar (Raj)
- o District Coordinator UCOST
- o ADSW, Bhimtal Campus
- o Coordinator, SC/ST NET Coaching Centre
- o Coordinator BIF Centre
- o Member, Mahila Police Committee
- o Member Editorial Board:
 - International Journal of fundamental and applied science
 - Journal of Enzymology and Metabolism.
 - International Journal Of Global Science Research
- **Dr Tapan Kumar Nailwal**
 - o Member Commission for Scientific & Technical Terminology, Govt. of India, MHRD, Deptt. Of Higher Education

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Yes, through UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
 - o MSc Biotechnology (2009-2013): 68.51% MSc Microbiology (2012-2013): 32.81%
- percentage of students doing projects in collaboration with other universities / industry / institute
 - o MSc Biotechnology (2009-2013): 31.48% MSc Microbiology (2012-2013): 67.18%

29. Awards / recognitions received at the national and international level by

- **Faculty**
Dr Veena Pande
 - o Lupin Fellow-2010 at ICT, Mumbai
 - o Intellectual Peace award-2010 by All India Intellectual peace Academy.
 - o Elected as a member of Sectional committee of the Indian Science Congress for the year 2012-2013
 - o Bhartiya Shiksha Ratna award-2013 by Global Society for Health & Education
 - o Growth, Delhi.
- **Doctoral / Post-Doctoral fellows**
 - o Singh, R.K., Aslam, M., Anandhan, S., Pande, V. and Ahmed, Z. 2009. Isolation of low temperature stress regulated genes from *Cicer microphyllum* by suppression subtraction hybridization: Best Poster Award in International Conference on Grain Legumes :Quality Improvement, Value addition and Trade at IIPR, Kanpur.
 - o Giri, L., Dhyani, P., Bhatt, I.D., Rawal, R.S., Nandi, S.K., Pande, V., 2011 "Effect of plant growth regulators and elicitor on secondary metabolite in cell culture of *Habenaria edgeworthii*" Awarded Best paper (Oral) In 6th Uttarakhand State Science

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- & Technology Congress, Almora.
- o Jugran. A., Bhatt. I.D., Rawal. R.S., Nandi. S.K., Pande. V., 2012. Is genetic diversity influenced by diversity of visiting insects in V. Jatamansi. Awarded Young Scientist In 7th Uttarakhand State Science & Technology Congress, Dehradun.
- o Pandey A. and Tamta S. Enhancement of plantlet formation in *Quercus serrata* Thunb, through in vitro method: An important tasar oak. 2011.. 6th USSTC Young Scientist award.
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- International Exhibition/Seminar on “21st Century ‘women At The Zenith of Glory’ 11th & 12th June 2014 (**Kumaun University & Snehil**)
- National Training cum workshop on” Bioinformatics for Genome and Proteome Analysis”- 7th – 8th march 2014. (**DBT**)
- National Training cum workshop on “Computational Biology and its application” –2013. (**DBT**)
- 2nd State level Science and Technology Youth Festival on Theme “Building Uttarakhand: A modern Science State” –2013. (**UCOST**)
- Ten days hands on training for faculty and research scholar on microbial biotechnology-2013. (**USBD**)
- Local organizer of National Information day and Training on thematic areas of Food Agriculture Fisheries and Biotechnology (FAFB) for promotion of Scientific Cooperation between India & European Countries (EU) under 7th Framework Programme (FP7) – 2012.
- “Workshop on Right to Information Act-2005” at Uttarkhand Academy of Administration Nainital.- 2012
- National Training cum workshop on “Sequence & structural Bioinformatics”-2012. (**DBT**)
- 4 Sensitization and orientation workshop for social Communication Campaign on Declining Sex Ratio (PC-PNDT) at Nainital District -2012. (**UCOST**)
- Local convenor of National Workshop and Brain Storming Session on Water Quality Management and River Bank Filtration” at Kumaun University, Bhimtal Campus 2012. (**UCOST**) & (**National Institute of Hydrology**)
- Ten days hands on training for faculty and research scholar on molecular biology-2012. (**USBD**)
- DST Sponsored Training Workshop “Micro-organisms: Let us observe and learn” for Secondary school teachers-2011. (**DST**)
- National Workshop on "Intellectual Property Rights" - 2011.
- World Environment Day. 5th June 2011. (**UCOST**)
- National workshop-cum-training Programme on “DRUG DESIGNING” 2011. (**DBT**)
- Local convenor of the National Seminar on Gender & Development in the World of Work & Health - with focus on Women in the Agrarian Sector Organized in collaboration with WWHI, New Delhi and SNDT Univ. Mumbai .-2010.
- Organized All India Biotechnology Co-ordinator’s meeting-2010. (**DBT**)
- Member, Organizing committee of launching workshop of Uttarakhand Centre on Climate change, Bhimtal.-2010. (**UCOST**)

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31. Code of ethics for research followed by the departments

Good laboratory practices are followed and monitored

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Biotechnology (2009-10)	20	4	4	100	100
M.Sc. Biotechnology (2010-11)	20	6	5	100	100
M.Sc. Biotechnology (2011-12)	20	5	3	100	100
M.Sc. Biotechnology (2012-13)	20	2	6	100	100
M.Sc. Biotechnology (2013-14)	20	2	9	-	-
M.Sc. Microbiology (2010-11)	51	14	25	100	100
M.Sc. Microbiology (2011-12)	53	10	19	100	100
M.Sc. Microbiology (2012-13)	66	4	25	100	100
M.Sc. Microbiology (2013-14)	41	1	21	-	-

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Biotechnology (2009-10)	-	-	100%	-
M.Sc. Biotechnology (2010-11)	-	-	100%	-
M.Sc. Biotechnology (2011-12)	-	-	100%	-
M.Sc. Biotechnology (2012-13)	12.5 %	-	87.5%	-
M.Sc. Biotechnology (2013-14)	-	18.18 %	81.81%	-
M.Sc. Microbiology (2010-11)	71.79%	10.25%	17.94%	-
M.Sc. Microbiology (2011-12)	89.65%	6.89%	3.44%	-
M.Sc. Microbiology (2012-13)	72.41%	10.34%	17.24%	-
M.Sc. Microbiology (2013-14)	72.72%	4.54%	22.72%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Batch	Name	Exam
2007-09	Ashok Kumar Dwivedi	GATE, DBT-JRF
2007-09	Vasudha Aggarwal	DBT-JRF
2007-09	Jitendra Kumar Pandey	GATE
2007-09	Ravi Kumar	GATE
2007-09	Ravi Shekhar Kumar	GATE
2007-09	Renu Singh	CSIR-NET LS

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2007-09	Chirag Goel	CSIR-NET LS
2007-09	Sarojini Singh	CSIR-NET LS, GATE, DBT-JRF
2007-09	Sushil Kumar Jaiswal	CSIR-NET LS
2007-09	Vasudha Agarwal	GATE
2007-09	Neelam Gautam	DBT-JRF
2008-10	Aseem C. Kerketta	DBT-JRF
2008-10	Hemant kumar	DBT-JRF
2008-10	Vijay Kr. Sirohi	CSIR-NET LS
2008-10	Pankaj Kumar Verma	CSIR-NET JRF, GATE
2008-10	Pragati Agnihotri	GATE, CSIR-NET LS
2008-10	Rachna Bajpai	GATE
2008-10	Ritupriya	CSIR-NET LS, GATE
2008-10	Sudha Verma	GATE
2008-10	Sukhdev Singh	CSIR-NET LS, GATE
2008-10	Vimla Meena	GATE ,DBT-JRF
2009-11	Abhinendra Kumar	GATE, CSIR-NET
2009-11	Manoj Kamble	GATE
2009-11	Shivraj Singh Gangolia	GATE
2009-11	Jyoti Prabha	GATE
2009-11	Naveera Fahim	UGC NET JRF
2010-12	Dhananjay Prasad	CSIR/UGC NET
2010-12	Abhilasha	GATE
2010-12	Akanksha Dixit	CSIR/UGC NET
2010-12	Sakshi Gera	CSIR/UGC NET
2011-13	Ankur Singh	CSIR/UGC NET
2011-13	Manmeet Singh	CSIR/UGC NET
2011-13	Payal Jain	DBT JRF, GATE
2011-13	Vivek Kumar Singh	DBT JRF
2011-13	Surya Kant Tripathi	GATE
2012-14	Priyanka Harishchandra Tripathi	GATE

35. Student progression

Student progression		Percentage against enrolled
UG to PG		NA
PG to M.Phil.		NA
PG to Ph.D.		44.44%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates		
of the same university		57.14%
from other universities within the State		NA
from universities from other States		42.86%
from universities outside the country		NA

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37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Ph.D. - 04

38. Present details of departmental infrastructural facilities with regard to

a)	Library	Available
b)	Internet facilities for staff and students	Available
c)	Total number of class rooms	3
d)	Class rooms with ICT facility	2
e)	Students' laboratories	6
f)	Research laboratories	3

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

i.	Mr Nitin Sharma (RA)	vi.	Ms Ruchika Sharma
ii.	Mr Amit Panwar	vii.	Ms Neelu Joshi
iii.	Mr Tara Singh Bisht	viii.	Mr Manoj Singh
iv.	Ms Latika Brijwal	ix.	Ms Charu Joshi
v.	Ms Neha Chamoli	x.	Mr Ravi Shekhar Kumar

b) from other institutions/universities

i.	Mr Akhil Srivastava	xxv.	Ms Nazneen Khan
ii.	Mr Shekhar Tewari	xxvi.	Ms Pooja Joshi
iii.	Mr Amit Kumar	xxvii.	Ms Preeti Shaturvedi
iv.	Mr Sushil kumar Jaiswal	xxviii.	Ms Praveen Dhyani
v.	Mr Prateek Verma	xxix.	Ms Suchi Tyagi
vi.	Ms Swati Chaudhary	xxx.	Ms Shipra Chauhan
vii.	Ms Seema Shah	xxxi.	Mr Sushil kumar Middha
viii.	Ms Preeti Suyal	xxxii.	Ms Vandan Tewari
ix.	Ms Jyoti Bisht	xxxiii.	Mr Amrendra Kumar Srivastava
x.	Mr Laxmikant Pandey	xxxiv.	Mr Gaurav Kumar
xi.	Ms Punam Bisht	xxxv.	Mr Kumar Vikram
xii.	Ms Neha Jain	xxxvi.	Mr Krishan Mohan Rai
xiii.	Mr Pankaj Pandey	xxxvii.	Ms Meenakshi Dhanik
xiv.	Ms Anjana Bora	xxxviii.	Mr Manjul Mungali
xv.	Ms Anjali Bora	xxxix.	Ms Meenal Srivastava
xvi.	Mr Akshat Goel	xl.	Mr Neelesh Kapoor
xvii.	Mr Viswajeet Das	xli.	Ms Reena Yadav
xviii.	Ms Deepa Bhatt	xlii.	Ms Ranjana Bisht
xix.	Ms Hemlata Pandey	xliii.	Mr Rohit Kumar
xx.	Ms Kiran Belwal	xliv.	Mr Rajiv Kumar Tripathi
xxi.	Ms Kuaum Dhakkar	xlvi.	Ms Sonu Bisht
xxii.	Ms Kavita Danu	xlvi.	Ms Purva Gupta
xxiii.	Ms Lovy Raj Chandra	xlvi.	Ms Padmavati Bisht
xxiv.	Mr Naveen Kumar	xlvi.	Mr Tarun Belwal

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40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Microbiology programme was started after going thoroughly into the course curriculum of microbiology departments of different Universities. The course curriculum and ordinances were then placed before a constituted board of studies followed by science faculty committee of the University. It was then passed in University academic council and University executive council meetings, respectively. After getting approved in these two bodies it was then finally submitted to state government for approval, by University administration.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES

Course curriculum and teaching-learning evaluation is done in a faculty meeting and the suggestions made are placed before board of studies and then implemented accordingly.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES

Student feedback has now been initiated and there feedbacks are discussed and suggestions are implemented accordingly.

- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

• Dinesh Chandra Joshi	PhD: NIMHANS Bangalore Post-Doc: Loyola University Chicago
• Kamlesh Kumar Bisht	PhD: IMTECH Chandigarh Post-Doc: NYU School of Medicine New York (USA)
• Abhishek Singhal	Post Doc Univ of Wisconsin (USA)
• Santosh Kumar Upadhyay	PhD-IGIB New Delhi; Post-Doc: UPENN Philadelphia (USA) and RPCI - Buffalo (USA); Asst Prof. Kumaun Univ. NTL
• Maya Dutt Joshi	PhD: CDRI Lko; Post-Doc: Dana Farber Bostan (MA) USA
• Bhupesh Mehta	PhD NIMHANS Bangalore Post-Doc: Yale University (USA)
• Himanshu Kharkwal	PhD University of Nottingham, UK; PostDoc: University of Leicester UK; Senior Research Scientific Advisor (Evaluation HIV-TB) NY USA
• Syed Furquan Ahmad	PhD Rostoc Germany
• Sudhir Kumar	PhD JNU SLS; Assistant Professor; H.N.B. Garhwal University
• Sahdeo Prasad	Post Doc: University of Texas, USA

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44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

As provided in serial no. 12 & 30

45. List the teaching methods adopted by the faculty for different programmes.

Blackboard as well as power point presentations in smart classroom

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Monthly faculty meetings are organized besides there is an advisory board meeting by the funding agency (DBT) in the department every third year for monitoring the outcomes.

47. Highlight the participation of students and faculty in extension activities.

Through regular seminars/conferences/workshops and trainings organized by the department (As provided in serial no. 30)

48. Give details of “beyond syllabus scholarly activities” of the department.

Regular training and workshops on different aspects of biotechnology are organized in which students participate and are exposed to beyond syllabi activities.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. A very feasible academic environment.
 - ii. We have got a healthy student-teacher ratio.
 - iii. A relatively pollution and contamination free environment for scientific research and development.
 - iv. Various R&D projects are running in the department thus strengthening the department by getting funds from funding agencies.
 - v. Department has relatively young, enthusiastic, qualified and devoted faculty.
- **Weaknesses:**
 - i. Remote area with less direct connectivity to major metro cities

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- ii. Electricity supply is not regular.
 - iii. Department doesn't have sanctioned non-teaching staff.
 - iv. Administrative campus is far away at Nainital so routine administrative and related work becomes quite hectic.
 - v. Department doesn't have canteen, guest house and residence facility for faculty.
- **Opportunities:**
 - i. To harness the biodiversity of the hot spot of diversity i.e. Uttarakhand.
 - ii. To spread awareness among the local and outside the state students towards higher education in science.
 - iii. More R&D projects will be brought by the young faculty for further strengthening of the department.
 - iv. Faculty will be strengthened through various faculty recharge programmes routinely.
 - v. Collaboration and faculty, student exchange with international Universities/institutes. (We are in a process to sign an MoU with RPCI, Buffalo, USA).
 - **Challenges:**
 - i. The major challenge is to attract bright students from within and outside the state to our department for higher studies because of remote location in spite of full devotion and efforts.
 - ii. To get 100% selection of our students in national level scholarship exams.
 - iii. To get sanction for some permanent non-teaching staff for smooth functioning of the department.
 - iv. Strengthening existing facilities.

52. Future plans of the department.

- Separate research wing for research scholars and scientists.
- Guest house within the department's campus
- Transfer of technology developed in lab to society.
- Opening new Masters programme like MSc Bioinformatics, Biochemistry etc.

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1. Name of the Department

Department of Botany, D.S.B. Campus, Kumaun University, Nainital

2. Year of Establishment

1951

3. Is the Department part of a School/Faculty of the university?

YES, Science Faculty

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG, PG, Ph.D., D.Sc.

5. Interdisciplinary programmes and departments involved

N.A.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Annual at UG level and Semester at PG level

9. Participation of the department in the courses offered by other departments

- Environmental Science
- Pre-Ph.D Course

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	06*
Associate Professors	02	02	Promoted to professor
Asst. Professors	09	08	05**+01 leave vacancy
Others	01 Asst. Prof. against leave vacancy. * 03 Prof. promoted from Asst. Prof.; 02 Prof. promoted from Asso. Prof. and 01 selected ** One transferred to SSJ Campus, Almora		

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years		
					Registered	Submitted	Awarded
1. Dr. P.C. Pande	Ph.D.	Professor	Taxonomy, Ethnobotany and Traditional Knowledge Systems	38 years	01	-	05
2. Dr. Neerja Pande	Ph.D	Professor & Campus Head	Bryology	37 years	07	02	03
3. Dr. S.C. Sati	Ph.D	Professor	Mycology, Lichens, Bioactivities	32 years	06	-	03
4. Dr. Y.S.Rawat	Ph.D	Professor	Ecology	28 years	05	-	03
5. Dr. S.S. Bargali	Ph.D	Professor	Ecology, Ethnobotany & Resource Botany	25 years	05	-	01
6. Dr. Lalit M. Tewari	Ph.D	Professor	Taxonomy	20 years	01	01	04
7. Dr. Kiran Bargali	Ph.D	Assistant Professor	Ecology Ethnobotany & Resource Botany	09 years	02	-	02
8. Dr. Neelu Lodhiyal	Ph.D	Assistant Professor	Ecology and Taxonomy	09 years	02	-	-
9. Dr. Anil Kumar Bisht	Ph.D	Assistant Professor	Conservation Biology & Biotechnology	09 years	-	-	-
10. Dr. Kapil Khulbe	Ph.D	Assistant Professor	Plant Pathology	03 years	01	-	-
11. Dr. Sanjay Kumar	Ph.D	Contract Faculty	Ecology	01 year	-	-	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. Y.P.S. Pangtey (UGC Emeritus Fellow) & Prof. L.M.S. Palni (Visiting Professor).

13. Percentage of classes taken by temporary faculty – programme-wise information

- UG: 25% (including theory and practical)
- PG: 25% (including theory, practical and dissertation)

14. Programme-wise Student Teacher Ratio

- PG = 50:10 and UG – B.Sc. I = 200:7; B.Sc. II = 150:7; B.Sc. III = 110:7.

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Administrative	01	01	01
Technical	01	01	01
Others	07	05+02 (01=contract; 01==daily wager)	06+02

16. Research thrust areas as recognized by major funding agencies

- i. Ecology
- ii. Microbiology
- iii. Mycology and Plant Pathology
- iv. Systematics and biodiversity of flowering plants and ferns
- v. Plant Tissue Culture
- vi. Bryology
- vii. Ethnobotany and Traditional knowledge Systems

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Project Title	Cost	Funding Agency	Investigator
1. Assessment of antimicrobial potential of some ethno-botanically known gymnosperms of Kumaun Himalaya (15 .02. 2012-14 .02 14)	7 lacs	UCOST, Dehradun	Dr. S.C. Sati
2. Carbon sequestration potential of agroforestry systems in Kumaun Himalaya: implication for climate change mitigation (2012-2014).	1.9 lacs	UGC, New Delhi	Dr. S.S.Bargali
3. Studies on conservation of <i>Ginkgo biloba</i> Linn. (Ginkgoaceae) A rare exotic medicinal plant 2012-2015	8.10 lacs	UGC, New Delhi	Dr. Lalit Tewari
4. Nurse plants: as effective socio-ecological tool for the restoration of degraded hill slopes and conservation of medicinal plants (2013-2014)	10.9 lacs	DST, New Delhi	Dr. Beena Joshi
5. Role of rural women in home garden agroforestry systems of Kumaun Himalaya (2014-2016)	7.0 lacs	ICSSR, New Delhi	Dr. Kiran Bargali

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration N.A. b) International collaboration N.A.

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19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Funding Agency	Grant Received (Rs.) Ongoing projects	Grant Received (Rs.) Completed projects
UGC, New Delhi	10 lakhs	2 lakhs
DST, New Delhi	10.9 lakhs	58.04 lakhs
UCOST, Dehradun	7 lakhs	11.35 lakhs
GBPIHED, Kosi Katarmal, Almora	-	6.18 lakhs
ICSSR, New Delhi	7 lakhs	-
Total	34.9 lakhs	51.77 lakhs

20. Research facility / centre with

- State recognition YES
- National recognition YES
- International recognition NO

21. Special research laboratories sponsored by / created by industry or corporate bodies

NIL

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	200
• Monographs	
• Chapters in Books	16
• Edited Books	03
• Books with ISBN with details of publishers	06
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	50- 344
• SNIP	
• SJR	
• Impact Factor – range / average	0.211-2.11
• h-index	6-11

23. Details of patents and income generated

NIL

24. Areas of consultancy and income generated

NIL - Plant Identification work on honorary basis.

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25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NIL

26. Faculty serving in

- a) National Committee
 - Member Uttarakhand Biodiversity Board, Dehradun (Prof. P.C. Pande)
 - Member Uttarakhand Vidyalaya Shiksha Parishad, Ramnagar (Dr. Kiran Bargali)
- b) International National Committee: NIL
- c) Editorial Board
 - International journal of Plant Reproduction Biology (Prof. S.C. Sati)
 - Journal of Forestry Research (Prof. S.S. Bargali)
 - Journal of Agriculture Extension and Rural Development (Prof. S.S. Bargali)
- d) Others
 - Joint Secretary 'Vegetos': An International Journal of Plant Sciences (Prof. P.C. Pande)
 - Faculty members working as reviewer in various national and international journals.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Promoted to attend the orientation and refresher course organized by UGC Academic Staff College. Also to participate in applied and subject related workshops and seminars. Faculty is encouraged to organize local field trips with research scholars and PG students in order to know about the local flora.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects 90%
- Percentage of students doing projects in collaboration with other universities / industry / institute 10%

29. Awards / recognitions received at the national and international level by

- **Faculty**
 - **Prof. Y.P.S. Pangtey**
Emeritus Fellow UGC (2009-2011)
Platinum Jubilee Senior Scientist Fellow, NASI
 - **Prof. P.C. Pande**
J.W Harsh Berger Award in 2012 for contribution in the field of Ethno botany and Traditional Knowledge Systems.
Sipani Krishi Annusandhan Farm Award in 2010 for the best paper published in Asian-Agri History Journal.
Fellow of Society for Plant research; Fellow of Ethno botanical Society; Fellow of Indian Botanical Society; Fellow of Indian Fern Society.
 - **Prof. S.C. Sati**
Leading Scientist of the World 2013

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Fellow of Indian Botanical Society, Fellow of Phytopathological Society of India, Fellow of Society of Plant Reproductive Biology, India

- **Prof. S.S. Bargali**
Fellow of National Institute of Ecology, New Delhi
- **Doctoral/Post-Doctoral Fellows**
 - **Dr. J.S. Jalal**
Won First prize for 'Orchid Habitat Photography' in National Conference on Orchid Genetic Diversity held at Bandodakar College of Science, Thane
Won Second Prize for paper presentation in National Conference on Orchid Genetic Diversity held at Bandodakar College of Science, Thane
- **Students**
Students were awarded Budding Botanist Award, by the Department of Botany, DSB Campus, Nainital.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Tissue Culture Training Workshop 2009 Funded by UCOST, Dehradun

31. Code of ethics for research followed by the departments

- Data validation
- Application of standard methods
- Scholarly and intellectual standard of accurate attribution of sources
- Appropriate collection and use of data
- Transparent acknowledgement of contribution of others for their help

32. Student profile programme-wise:

Name of Programme	Year	Application Received	Selected Candidates		Total	Pass %	
			Male	Female		Male	Female
M.Sc. I	2009	94	7	18	25	100	100
M.Sc. II*		20	3	17	20	100	76
M.Sc. I	2010	111	5	20	25	66	88
M.Sc. II*		22	5	17	22	100	80
M.Sc. I	2011	80	4	19	23	50	88
M.Sc. II*		23	4	19	23	75	89
M.Sc. I	2012	79	4	17	21	50	100
M.Sc. II*		15	3	12	15	67	83
M.Sc. I	2013	56	8	17	25	Awaited	Awaited
M.Sc. II*		16	1	15	16	Awaited	Awaited

- Variation in the number of students in M.Sc. II is due to the movement in professional courses/transfer to other colleges/ marriage of female students/health problems/employed.

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33. Diversity of students

Name of the Programme (refer to question no. 4)	Year	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	2009	92.00	-	08	-
	2010	92.00	-	08	-
	2011	84	-	16	-
	2012	80	-	20	-
	2013	80.00	-	20	-
Ph. D	2009-2014	55	-	45	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NONE

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG TO Ph.D.	26 (number of students)
Ph.D. to Post-Doctoral	50 (number of students)
Employed ▪ Campus selection ▪ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	90%
from other universities within the State	10%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- 01 (Dr. J.S. Jalal ;Post-Doctoral Fellow)

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38. Present details of departmental infrastructural facilities with regard to

- a) Library facility: More than 600 books (text and reference) available for PG and Ph.D. students
- b) Internet facilities for staff and students : FIST sponsored lab with computers and internet facility is available for teachers and students
- c) Total number of class rooms: Three (One for B.Sc. and two for M.Sc.)
- d) Class rooms with ICT facility : One
- e) Students laboratories : One for UG Classes
- f) Research laboratories : Four (Taxonomy, Ecology, Tissue Culture, Mycology)

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	Post-Doctoral :	04 (Young Scientist DST)
	Doctoral:	27
b) from other institutions/universities:	Post-Doctoral:	Nil
	Doctoral:	30

List of research Student Registered during last five years

a) From Host University:

S. No.	Name of the Research Scholar	Name of the last institution/university
1.	Mr. Jagdish Ch. Arya	D.S.B.Campus , Kumaun University, Nainital
2.	Mr. Aseesh Pandey	D.S.B.Campus , Kumaun University, Nainital
3.	Mr. Ravinder Bargali	D.S.B.Campus , Kumaun University, Nainital
4.	Ms. Richa Pathak	D.S.B.Campus , Kumaun University, Nainital
5.	Mr. Parikshit Kumar	D.S.B.Campus , Kumaun University, Nainital
6.	Ms. Deepti Negi	D.S.B.Campus , Kumaun University, Nainital
7.	Ms. Charu Shahi	D.S.B.Campus , Kumaun University, Nainital
8.	Ms. Jyoti	D.S.B.Campus , Kumaun University, Nainital
9.	Ms. Mamta Bharti	D.S.B.Campus , Kumaun University, Nainital
10.	Ms. Neetu Bohra	D.S.B.Campus , Kumaun University, Nainital
11.	Ms. Poonam Takuli	D.S.B.Campus , Kumaun University, Nainital
12.	Ms. Renu Suyal	D.S.B.Campus , Kumaun University, Nainital
13.	Mr. Brij Mohan Upreti	D.S.B.Campus , Kumaun University, Nainital
14.	Mr. Harsh Kumar Chauhan	D.S.B.Campus , Kumaun University, Nainital
15.	Mr. Bharat Giri Gosain	D.S.B.Campus , Kumaun University, Nainital
16.	Km. Deepa Bisht	S.S.J. Campus Almora, Kumaun University, Nainital
17.	Mr. Kamal Kishor	S.S.J. Campus Almora, Kumaun University, Nainital
18.	Smt. Hemlata Kholia	Govt. P.G. College, Pithoragarh, Kumaun University, Nainital
19.	Ms. Preeti Pant	Govt. P.G. College Pithoragarh, Kumaun University, Nainital
20.	Mr. Saraswati Nandan Ojha	M.B.P.G. College Haldwani, Kumaun University, Nainital
21.	Ms. Kirtika Padalia	M.B.P.G. College Haldwani , Kumaun University, Nainital
22.	Ms. Meenakshi Negi	M.B.P.G. College Haldwani, Kumaun University, Nainital
23.	Km. Bhawana Kapkoti	Govt. P.G. College Ramnagar, Kumaun University, Nainital
24.	Mr. R.S. Parihaar	Govt. P.G. College Ramnagar, Kumaun University, Nainital
25.	Ms. Vijeta Manral	Govt. P.G. College Ramnagar, Kumaun University, Nainital
26.	Ms. Urvashi Verma	Govt. P.G. College Kashipur , Kumaun University, Nainital
27.	Km. Nidhi Bhakuni	Govt. P.G. College Bageshwar, Kumaun University, Nainital

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b) From other Universities/ Institution.

S. No.	Name of the Research Scholar	Name of the last institution/ university
1.	Ms. Pooja Bansal	Lucknow University (U.P.)
2.	Ms. Reesa Gupta	Lucknow University (U.P.)
3.	Mr. NayanSahu	Lucknow University (U.P.)
4.	Mr. Anoop Kumar	Lucknow University (U.P.)
5.	Ms. Vishwa Jyotshna Singh	Lucknow University (U.P.)
6.	Mr. Vineet Kumar singh	Lucknow University (U.P.)
7.	Mr. Rupesh Kumar	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
8.	Mr. Anil Rana	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
9.	Mr. HimanshuTewari	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
10.	Mr. Ganesh Datt Bhatt	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
11.	Ms. Vibhuti	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
12.	Ms. Preeti Shukla	Kanpur University (U.P.)
13.	Ms. Sujata Mishra	Kanpur University (U.P.)
14.	Mr. Neeraj Singh	Kanpur University (U.P.)
15.	Mr. Rawali Pandey	Kanpur University (U.P.)
16.	Ms. Bharti Yadav	Kanpur University (U.P.)
17.	Mr. Vishal Awasthi	Kanpur University (U.P.)
18.	Ms. Monika Bodh	H.P. University ,Shimla (Himanchal Pradesh)
19.	Mr. Ashish Kumar	H.P. University ,Shimla (Himanchal Pradesh)
20.	Ms. Lipika Sharma	H.P. University ,Shimla (Himanchal Pradesh)
21.	Mr. Rajesh Kumar	H.P. University ,Shimla (Himanchal Pradesh)
22.	Ms. NehaKarakoti	G.B.P.U.A. & T., Pantnagar University (Uttarakhand)
23.	Mr. Vivek Kumar	G.B.P.U.A. & T., Pantnagar University (Uttarakhand)
24.	Ms. NikiKharel	Manipur University (Manipur)
25.	Mr. Paramprakash Singh	B.H.U. Banaras (U.P.)
26.	Mr. Lokendra Singh	Delhi University, Delhi
27.	Mr. UpvanBhushan	J&K University Jammu (J&K)
28.	Mr. Sachin Sharma	FRI Dehradun , (Uttarakhand)
29.	Ms. DeepaliJohari	Banasthali University Rajasthan
30.	Mr. Thaneshwar Prasad Tewari	Nepal

c) List of student awarded Ph. D from 2009-2014

Sn.	Name of the Research Scholar	Award year	Name of the last institution/ university
1.	Mr. Arun Kumar Rai	2009	University of North Bengal
2.	Mr. Jagdish Chandra	2009	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
3.	Mr. S.C. Garkoti	2009	Kumaun University, Nainital
4.	Ms. Pratibha Arya	2010	Kumaun University, Nainital
5.	Ms. Sarika	2010	G.B.P.U.A. & T., Pantnagar University (Uttarakhand)
6.	Ms. Deepa Raikwal	2010	Kumaun University, Nainital
7.	Mr. Dinesh Giri	2011	Kumaun University, Nainital
8.	Mr. Abhey Kumar Pande	2012	Gorakhpur University, Gorakhpur
9.	Mr. Vardan Singh Rawat	2012	H.N.B. Central University, Srinagar Garhwal (Uttarakhand)
10.	Mr. Shweta Rawat	2012	Kumaun University, Nainital
11.	Mr. Sanjay Kumar	2012	Kumaun University, Nainital
12.	Ms. Priti Kumari	2012	B.R.A. Bihar University, Muzaffarpur

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13.	Ms. Prabha Bisht	2012	Kumaun University, Nainital
14.	Ms. Bhawana Joshi	2012	G.B.P.U.A. & T., Pantnagar University (UK)
15.	Ms. Chhaya Singh	2012	H.N.B. Central University, Srinagar Garhwal (UK)
16.	Sister Shiny T.	2013	University of Calicut
17.	Mr. Chandra Mohan Mehta	2013	G.B.P.U.A. & T., Pantnagar University (Uttarakhand)
18.	Mr. I.D. Rai	2013	Kumaun University, Nainital
19.	Mr. Brijesh Kumar	2013	Allahabad University, Allahabad
20.	Mr. Puspesh Joshi	2013	G.B.P.U.A. & T., Pantnagar University (Uttarakhand)
21.	Ms. HemlataKholia	2013	Kumaun University, Nainital
22.	Ms. Deepa Mishra	2013	H.N.B. Central University, Srinagar Garhwal (UK)
23.	Ms. Reshama Safeer	2013	H.N.B. Central University, Srinagar Garhwal (UK)
24.	Ms. RuchiraBisht	2013	Kumaun University, Nainital
25.	Ms. Raksha Pandey	2013	Kumaun University, Nainital
26.	Mr. Ganesh Datt Bhatt	2013	H.N.B. Central University, Srinagar Garhwal (UK)
27.	Mr. Pooran Singh Bungla	2013	Kumaun University, Nainital
28.	Ms. Nikki Kharel	2014	University of North Bengal
29.	Mr. Vishal Awasthi	2014	Kanpur University (U.P.)
30.	Ms. Savita Joshi	2014	Kumaun University, Nainital

40. Number of post graduate students getting financial assistance from the university.

NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NIL

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NA
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- a. Mr. Hem K. Pande – Addl. Sec. Minister of Environment and Forest, New Delhi.
- b. Dr. D.C. Upreti – National Fellow, Div. of Plant Physiology, IARI, New Delhi.
- c. Dr. R.C. Pant – Ex-Vice Chancellor, Kumaun University, Nainital.
- d. Prof. A.B. Bhatt –Head, Department of Botany, HNB Central University of Garhwal, Srinagar
- e. Prof. Uma Melkani – Dean, College of Basic Science, GBPUA&T, Pantnagar.
- f. Dr. Simta Chaudhary – Head, Dept. of Environmental Sciences, Kurkshetra University, Kurkshetra
- g. Dr. N.S. Bisht – IFS – ICFRE Dehradun
- h. Dr. N.S.K. Harsh – Scientist G, FRI, Dehradun
- i. Dr. M.C. Joshi – IAS – State Government, Uttarakhand

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- j. Dr. G.S. Rawat – Scientist ICMOD, Nepal
- k. Dr. M.S. Mehra – Regional Manager, Nainital-Almora Kshatriya Gramin Bank
- l. Dr. Mr. Puspesh Tripathi – ex MLA, Uttarakhand Govt.
- m. Dr. Soni Bala – IFS – Manipur
- n. Dr. Pankaj Sah – Assistant Professor, Oman
- o. Dr. Satish Garkoti – Associate Prof. Dept. of Environmental Sciences J.N.U. New Delhi
- p. Dr. Anjoo Verma – Business

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

A Plant Tissue Culture training programme for M.Sc. Botany student of Uttarakhand was organized in 2009 to acquaint them with recent knowledge and practical application of the subject. Besides, lectures were organized by external experts (Prof. Uma Melkania, Prof. Sudhir Chandra, Prof. R.C. Dubey, Prof. Jyoti Saxena) under SAP programme and Dr. V.P. Upadhyay as UGC visiting fellow.

45. List the teaching methods adopted by the faculty for different programmes.

Lecture, Audio-visual, seminar, and field study.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- i. By giving assignments
- ii. By assessments
- iii. Asking relevant questions
- iv. Holding seminars
- v. By field study
- vi. Preparation of herbarium and collection of material for routine class work by the students

47. Highlight the participation of students and faculty in extension activities.

- i. Lab to field programmes such as plantation in degraded and waste lands for carbon sequestration
- ii. Issues related to Environment.
- iii. At PG level students are given projects in different research fields (Ecology, Taxonomy, Plant Tissue Culture, Microbiology and Mycology) to gain practical knowledge of primary data collection

48. Give details of “beyond syllabus scholarly activities” of the department.

- i. Students participate in different quiz, essay and debate competition
- ii. Plantation activities
- iii. Publication of books and popular articles of general public interest
- iv. Publication of newsletter ‘Oaks’
- v. Involved to inculcate the interest in Botany among the school students by giving them knowledge of plants in nature, their uses and conservation. Also guide them by giving idea to prepare the school level projects.

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vi. Help the children of weaker section in various ways especially in studies.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Basic researches are being carried out in the field of mycology, bryology, taxonomy of higher plants, ethnobotany, traditional knowledge systems and ecology. Several new species of plants have been reported either as new to science or new to region. These include:

- **New to India**
 - Endophytic lichen *Caloplaca hamalayans*
 - Two lichens *Caloplaca antitorum* and *Caloplaca crocea* are new records
- **New to Western Himalaya**
 - Three pteridophytes *Pteris resoliliacina* Hieron, *Loxogramma chinensis* China, *Seleginella repenea* Desv. ex Poir.) Spreng. new record
 - *Fissidens subpalmatus* C. Muller, a new addition to the Bryoflora
- **New to Kumaun Himalaya**
 - A new species of fungus *Tetracladium nainitalensis* Sati et P.Arya. a root endophyte
 - A new species of orchid *Nervilia gammiana* (Hook. f) Pfitzer
 - *Lycopodiella cernua* is a new addition to the Pteridophytic flora of Nainital. Two imperfectly known ferns *Thelypteris nudata*, *Nephrolepis cordifolia* were recollected from Nainital Hills.

These researches are published in journals of national and international repute.

The applied researches include the assessment of bioactivity of plants, multiplication of medicinal plants by tissue culture, propagation/vegetative propagation of rare plants and assessment of carbon sequestration of forests in relation to climate change.

In Kumaun Himalaya, Prof. S.C. Sati and his team is actively engaged in assessing the bioactivity of medicinal plants preferably antibacterial and antifungal activities of the aforesaid plants. So far, 12 species of gymnosperms and nearly 10 species of angiospermic plants have been screened for their bioactivities using different microbes. The results are very promising and nearly 20 papers have been published in various journals of national and international repute. Dr. K. Khulbe and his team is also engaged with antimicrobial activities of medicinal plants and results are yet to be published.

Estimation and assessment of carbon stock and sequestration potential of predominant forests of Kumaun Himalaya such i.e., Oak and Pine forests and different Agro-forestry ecosystems is being done to understand the role of forests in mitigation and rise of carbon dioxide in atmosphere by Prof. Y.S. Rawat, Prof. S.S. Bargali and their team. The villagers of different Van Panchayats are being trained to measure the carbon sequestration rate of their forests and training is also being given to them to plant suitable plant species in degraded land of their Van Panchayats. So far many papers have been published.

Extensive research is being taken up by Dr. Anil Bisht and group to develop user friendly propagation protocols of either endemic or of medicinal value to this area. e.g. *Bergenia ciliata*, *Allium strachii*, *Saussuria costus* and *Taxus baccata*.

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In the past, the propagation of endemic Palm *Trachycarpus takil* was carried out by Prof. Y.P.S. Pangtey, by preparing the seed bank and developing seedlings and saplings, its distribution in society for plantation in protected areas of the region. Result is quite positive. Since 2013, the cuttings of *Ginkgo biloba*, a living fossil of medicinal value, are being prepared by Prof. Lalit Tewari and his team through vegetative propagation technique. So far, 250 cuttings have been prepared successfully and are being distributed regularly to the students, teachers and others. They have planned to develop about 1000 cuttings for plantation and distribution among the society.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- i. Two FNA (Prof. J.S. Singh, Prof. S.P. Singh) and two FNASc (Prof. S.P. Singh, Prof. Y.P.S. Pangtey) from the department
- ii. FIST (DST) and SAP DRS Phase-I (UGC) sponsored department
- iii. Published 200 papers and 06 books with ISBN number during last five years.
- iv. 01 International (Prof. S.C. Sati) and 02 National awards (Prof. P.C. Pande, Prof. S.S. Bargali)
- v. Regional herbarium of Kumaun Himalayan angiosperms (3000), pteridophytes (300), bryophytes (200) and Fungal culture (80)
- vi. New records: 35 fungi, 2 lichens and 13 mosses; New to Western Himalaya: 01 lichen, 03 ferns and 24 mosses. New to Kumaun Himalaya: 01 fungus, 01 orchid and 01 fern
New to Central India: 05 mosses.
- vii. 10 Students getting BSR (UGC) fellowships.
- viii. Publishing departmental newsletter Oaks since last nine years.

Weakness

- i. Lack of space for research and extension.
- ii. Insufficient research and student laboratories and classrooms.
- iii. Absence of feedback system
- iv. Shortage of staff curator (for Laboratories and Herbarium)
- v. Shortage of Library facility (for Reference and Text-Books)

Opportunities

- i. This region harbours rich biodiversity and still many areas are unexplored. Therefore, biodiversity assessment provides a big opportunity for future research.
- ii. Interdisciplinary research programmes can be carried out in various applied fields such as bioactivity of plants
- iii. Propagation of rare and endangered medicinal and aromatic plants through conventional and tissue culture techniques.
- iv. Organization of training programmes/workshop
- v. Assessment of Carbon stock and sequestration potential of different ecosystems of the region.

Challenges

- i. To organize field studies in tough mountainous terrain.

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- ii. Motivate students and research scholars to qualify the competitive examination such as NET/SET and others
- iii. Motivation of UG students for higher studies and PG students for research.
- iv. How to inculcate the reading habits (standard books and research papers) among students.
- v. How to develop the soft skill among the students.

52. Future plans of the department.

- To develop Ecosystem Analysis Laboratory
- To conserve rare and endangered plants of Kumaun Himalaya
- To assess bioactivity of medicinally important plants of the region.
- To organize seminar/workshop/training programme.

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1. Name of the Department

Department of Botany, S.S.J. Campus

2. Year of Establishment

1966

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG : B.Sc. (Bio Group)
- PG : M.Sc. Botany
- Ph.D. Botany
- M.Sc. and PG Diploma in Bioinformatics have been proposed to be started from session 2014.

5. Interdisciplinary programmes and departments involved

- Environmental Studies (Department of Zoology and Chemistry)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG (B.Sc.) : Annual System
- PG (M.Sc.) : Semester System

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	00	00	00
Associate Professors	00	00	00
Asst. Professors	07	06	00

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Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. Hema Joshi	Ph.D	Professor	Ecology/Algae	39	6
Prof. S.S Gahalain	Ph.D	Professor	Genetics and Plant Breeding	35	Nil
Dr. Yogesh Joshi	Ph.D	Assistant Professor	Lichenology	6	Nil
Dr. Balwant Kumar	Ph.D	Assistant Professor	Taxonomy , Ethnobotany, Lichen Ecology	6	Nil
Dr. Dhani Arya	Ph.D	Assistant Professor	Ecology & Forest Ecology	6	Nil
Dr.Subhash Chandra	Ph.D	Assistant Professor	Genetic Engineering	7	Nil
Dr. Sobha Rawat	Ph.D	Assistant Professor	Biodiversity, Conservation, and Lichenology	3	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Prof. R.C. Gupta

13. Percentage of classes taken by temporary faculty – programme-wise information

15% by Dr. Sobha Rawat

14. Programme-wise Student Teacher Ratio

- B.Sc. Ist 190:6
- B.Sc. IInd 135:6
- B.Sc. IIIrd 115:6

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Technical staff	5	4	4
Administrative staff	1	1	1

16. Research thrust areas as recognized by major funding agencies

- Lichen Ecology, Mycology, Lichenology and Mycology

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- Ongoing projects: Dr. Yogesh Joshi (PI)

Status	Project Title	Name of the Funding Agency	Grant
Ongoing	Studies on endophytic fungi isolated from some macrolichens of Kumaun Himalaya	National – UGC	12,45,800/-
Ongoing	Biodegradation of Uttarakhand monuments via lichens: Floristic account, decay mechanism and control measures	National - SERB	19,16,000/-

- Dr. Sobha Rawat (PGFW)

Status	Project Title	Name of the Funding Agency	Grant
Ongoing	Bioprospection of Garhwal Himalayan lichens for its medicinal and pharmacological potential	National - UGC	25000/pm

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

• State recognition	YES
• National recognition	YES
• International recognition	NA

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21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	200
• Monographs	NA
• Chapters in Books	20
• Edited Books	NA
• Books with ISBN with details of publishers	03
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0.06- 3.0/ 1.72
• h-index	3

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Dr. Yogesh Joshi (South Korea and Denmark)

26. Faculty serving in

a) National committees	NA
• YES (Prof. Hema Joshi)	
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

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28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty - Emeritus fellowship (UGC)
DST Young Scientist
- Doctoral / Post-Doctoral fellows - WOS A
- Students - UCOST Young Scientist

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- 2 Lectures series organized by Deptt. of Botany (funded by Environmental Studies)

31. Code of ethics for research followed by the departments

- Yes - We follow the Forest Policy (1972/1986) for Biodiversity conservation.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Botany	63	05	16	90	95
Ph.D. Botany	26	04	22	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	96%	3%	1%	Nil
B.Sc.	95%	5%	Nil	Nil
Ph.D.	55%	30%	15%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

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35. Student progression

Student progression	Percentage against enrolled
UG to PG	10-15%
PG to M.Phil.	Nil
PG to Ph.D.	16%
Ph.D. to Post-Doctoral	Nil
Employed	
☐ Campus selection	Nil
☐ Other than campus recruitment	Nil
Entrepreneurs	1%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	4/7
from other universities within the State	1/7
from universities from other States	2/7
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library	More than 2000 books are available	
b) Internet facilities for staff and students	One BSNL Broadband WiFi	
c) Total number of class rooms		03
d) Class rooms with ICT facility		01
e) Students' laboratories	B.Sc.	01
f) Research laboratories		02

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
 - (Registered for Ph.D.) Sharda Khan, Jaishree Pokhariya, Ashaq Hussain Khan, Kapil Bisht, Krishan Chandra, Mahesh Kumar Arya, Manish Tripathi, Pallvi Pathak, Priyanka Maiti, Rajani Rawat, Rekha Arya, Sandhya Shukla, Sonam, Vandana Tiwari, Vijay Arya, Harinam Joshi, Kanupriya Gupta, Shreya Mishra, Mridul Gupta, Devarati Nag, Ranjana, Priyanka, Shweta Singh, (Students from G. B Pant Institute of Environment & Development, NBRI Lucknow, etc. Included)
- b) from other institutions/universities NA
 - Dr Yogesh Joshi (Postdoctoral Fellow Suncheon National University South Korea).
 - Dr. Subhash Chandra (Postdoctoral fellow, Cornell University, New York, USA.)

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40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures are frequently conducted on environmental issues like Himalayan Biodiversity, climate change, forest restoration ecology, agro biodiversity, Biodiversity concerns with particular reference to IYB- 2010, Plant genetic resources of Himalaya, and plant diversity of India. In addition to this, students have participated in various conferences.

45. List the teaching methods adopted by the faculty for different programmes.

- M.Sc. - Lecture, Power point presentation, Group discussion, Field practical and study tour.
- Ph.D. - Lecture, Power point presentation, Group discussion, Field practical and study tour.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Regular interaction of students and research scholar and faculty to discuss the progress.
- Regular visit of faculty members to HOD to discuss the progress of students.
- **Highlight the participation of students and faculty in extension** activities.
- Various faculty and students have been involved in seminars, conferences, symposium workshop nationally and internationally. Student of all semesters with faculty members visit different research laboratories like GB Pant Institute of Himalayan Environment and Development, VPKAS, Almora, FRI Dehradun, BSI Dehradun, NBRI Lucknow, BSIP Lucknow. Botanical tours and Field Surveys are regularly organised.

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47. Give details of “beyond syllabus scholarly activities” of the department.

NA

48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The faculty and research scholars are actively involved in research
 - i. A new technique for the propagation of plants was developed with the help of which five medicinally important and endangered Gymnosperms such as *Taxus*, *Ginkgo*, *Sequoia* and etc. have been grown successfully.
 - ii. Vivipary was discovered for the first time in Gymnosperm *Biota orientalis*.
 - iii. Successful introduction of leafy vegetable cold Haak from J&K to Amlora.
 - iv. *Psilotum nudum* is rediscovered after 132 years from Kumaun University.
 - v. Several species of Fungi, Gymnosperm and Algae have been reported from Himalaya region first time by this department.
 - vi. Several new species of lichens have been described from the region along with several new records and range extensions of lichens.

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. The department is having faculties from different streams.
 - ii. Department is situated in central Himalaya providing a peaceful environment for study and research.
 - iii. Easy accessible biodiversity resources in Himalaya.
- **Weaknesses**
 - i. Shortage of Lecture rooms, faculties, practical laboratories, Computers, Library, Computer rooms, Botanical Gardens, Limited supply of water and electricity, old electrical wiring .
- **Opportunities**
 - i. Being rich in floristic diversity the region has immense potential to carry out research in various aspects such as ecology, pathology, taxonomy, bioprospection etc.
- **Challenges**
 - i. Job oriented course programs, decreasing higher education trends, reference books, scientific journals.

51. Future plans of the department.

- i. Establishing advanced molecular biology lab facility.
- ii. Initiating research and career oriented programme.
- iii. Improving library and internet facility in department.
- iv. Initiating invited lectures from well-known academician and scientists.

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1. Name of the Department

Department of Chemistry

2. Year of Establishment

- 1952 (Department as Govt College under Agra University)
- 1973 (as University Department under Kumaun University)

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

i. UG Courses; three year degree course (Annual)

Sr. No.	Subject combination
1	Chemistry, Physics, Mathematics
2	Chemistry, Botany, Zoology
3	Chemistry, Botany, Forestry
4	Chemistry, Botany, Geology
5	Chemistry, Zoology, Geology
6	Chemistry, Zoology, Forestry

ii. PG Courses Offered

	Title		Code No.
Semester I	Inorganic Chemistry		CHE5101
	Organic Chemistry		CHE5102
	Physical Chemistry		CHE5103
	Group Theory and Analytical Chemistry		CHE5104
	Computer for chemist & data Analysis		CHE5105
	Lab Course		CHELab01
Semester II	Inorganic Chemistry		CHE5201
	Organic Chemistry		CHE5202
	Physical Chemistry		CHE5203
	Spectroscopy-I		CHE5204
	Lab Course		CHELab02
Semester III	Solid State Chemistry		CHE6301
	Spectroscopy		CHE6302
	Bio-inorganic and Biophysical Chemistry		CHE6303
	Bio-organic Chemistry		CHE6304
	Photo Chemistry and Allied Chemistry		CHE6305
	Laboratory Course		CHELab03
Semester IV	Elective Courses		
	Inorganic Chemistry	General and Organometallic Chemistry	CHE6401
		Inorganic Polymers and Supra-molecular Chemistry	CHE6402

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		Photo-inorganic Chemistry	CHE6403
		Environmental Chemistry	CHE6404
		Laboratory Course	
	Organic Chemistry	Organic Synthesis	CHE6405
		Chemistry of Natural Products & Heterocyclic Compounds	CHE6406
		Medicinal Chemistry	CHE6407
		Laboratory Course	
	Physical Chemistry	Physical Organic and Quantum Chemistry	CHE6408
		Advanced Chemical Dynamics, Thermodynamics	CHE6409
		Advanced Photochemistry and Nuclear Chemistry	CHE6410
		Laboratory Course	CHE64Lab03

- (i) Eligibility : B.Sc. with Chemistry as one of the subject
(ii) Admission Process : Selection on merit basis
(i) Duration : 2 years (4 Semesters)
(ii) Number of Seats : 35{ 27 + 03(Other States) + 05 paid seats}

MASTER'S DEGREE ELECTIVE COURSES (SPECIALIZATION)

- (i) Organic Chemistry : 25 seats
(ii) Inorganic Chemistry : 10 seats
(iii) Physical Chemistry : 10 seats

Ph.D. DEGREE PROGRAMME

- (i) Eligibility: M.Sc. in Chemistry (minimum 55%)
(ii) Admission Process: Through the University level entrance examination followed by counselling and six months pre-Ph.D. course work as prescribed by UGC regulation 2009.
(iii) Number of Seats: Maximum 70 seats
a. No. of seats for Ph.D. under a Professor: 08
b. No. of seats for Ph.D. under a Associate Professor: 06
c. No. of seats for Ph.D. under a Assistant Professor: 04
Duration: 4 Years (with one year extension)

5. Interdisciplinary programmes and departments involved

All the programmes in department as mentioned in 4.i

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

7. Details of programmes discontinued, if any, with reasons

NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG Level - Annual System
- PG Level – Semester System

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9. Participation of the department in the courses offered by other departments

N.A.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	06	06	--
Associate Professors	02	02	--
Asst. Professors	07	06	--
Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. CS Mathela	M. Sc., Ph.D.	Head & Professor (till May 2010) Professor Emeritus	Organic Chemistry, Natural Product Chemistry	40+03	05
Prof. KS Khetwal	M.Sc., Ph. D.	Professor Emeritus(till 2012)	Organic Chemistry, Natural Product Chemistry	38+03	Nil
Prof. Ganga Bisht	M.Sc., Ph.D.	Professor	Organic Chemistry, Chemistry of Natural Products	39	05
Prof. SPS Mehta	M.Sc., Ph.D.	Professor	Physical Chemistry, Reaction Kinetics, Soil Chemistry, Water Chemistry	38	02
Prof. AB Melkani	M.Sc., Ph.D.	Professor	Inorganic Chemistry, Natural Product Chem	29	03
Prof. Chandra Kala Pant	M.Sc., Ph.D.	Professor	Organic Chemistry, Chemical Evolution of life	34	01
Prof. Chitra Pande	M.Sc., Ph.D.	Professor	Organic Chemistry, Natural Product chemistry	24	03

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Prof. Pushpa Joshi	M.Sc., Ph.D.	Professor	Organic Chemistry, Natural Product Chemistry	28	Nil
Dr. NG Sahoo	M.Sc., Ph.D.	Associate Professor	Physical chemistry, Drug designing, Nanoscience	01	NIL
Dr. Geeta Tewari	M.Sc., Ph.D.	Assistant Professor	Inorganic Chemistry, Soil Science, Natural Product Chemistry	09	01
Dr. Shah Raj Ali	M.Sc., Ph. D.	Assistant Professor	Physical Chemistry, Nanomaterials	09	02
Dr. M Suhail Javed	M.Sc., Ph. D.	Assistant Professor	Organic Chemistry, Natural Product Chemistry	05	Nil
Mr. Mahesh Arya	M. Sc.	Assistant Professor	Organic Chemistry	04	Nil
Mr. Manoj Dhuni	M. Sc.	Assistant Professor	Organic Chemistry	04	Nil
Dr. Penny Joshi	M. Sc., Ph. D.	Assistant Professor	Organic Chemistry	01	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. PS Kalsi
- Prof. Pahup Singh
- Prof. CS Mathela
- Prof. KS Khetwal
- Prof. VK Tondon

13. Percentage of classes taken by temporary faculty – programme-wise information

- Dr. Kavita Gururani, Dr. Lalit Mohan, Dr. Pushpa Bhakuni and Miss Garima Matela from 2009 to 2014- UG & PG Courses

14. Programme-wise Student Teacher Ratio

- M.Sc. 04 : 01
- B.Sc. 46 : 01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- i. **Academic Support Staff (Technical):**
 - a. Sh. Chandra Shekhar Pant (Lab Assistant)
 - b. Mr. Pushkar Dutt (Lab. Assistant)
 - c. Sh. Bahadur Singh Nainwal (Lab Attendant)
 - d. Sh. Rajendra Kumar Pandey (Lab Attendant)
- ii. **Administrative Staff:**
 - a. Sh. Vijyandra Singh Gahlot (Data Entry Operator)

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- b. Mr. Anoop Kumar (Junior Assistant)
- c. Sh. Mohan Chandra Tiwari (Office Attendant)
- iii. **Contractual Base:**
 - a. Sh. Mohan Singh Bisht (Office Attendant)

16. Research thrust areas as recognized by major funding agencies

Natural Product Chemistry and Bioactivity

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sr. No	Title of Project	PI/ CO-PI	Funding Agency	Duration	Outlay Lacs	Man Power
1	Emeritus Scheme	PI	CSIR, New Delhi	2010-2015	6/yr	01
2	Study of variation in quality parameters of some medicinal plants under cultivation and natural habitat for socioeconomical development of the area	Prof. G. Bisht	GBPIHE, Kosi, Katarmal	2010-2013	6.0	02
3	Bioactive Xanthones and their quantification from the Himalayan plants of <i>Swertia</i>	Prof. G. Bisht (CO-PI)	UGC, New Delhi	2010-13	10.5	01
4	Remedial Strategies for metal contaminated soils using <i>Mentha</i> and <i>Ocimum</i> species.	Prof. Chitra Pande Dr. Geeta Tewari (CO-PI)	USERC, Dehradun	2010-2012	11.0	02
5	Phytoremediation strategies of heavy metal contaminated soils using <i>Foeniculum</i> and <i>Coriandrum</i>	Prof. Chitra Pande Dr. Geeta Tewari (CO-PI)	MOEF, New Delhi	2012-2014	27.0	02
6	Studies of heavy metal contamination on agricultural soils and dominant crops as pollution indicator in Tarai region of Kumaun Himalaya	Dr. Geeta Tewari Prof. Chitra Pande (CO-PI)	UCOST, Dehradun	2009-2011	7.55	01
7	Studies on heavy metals contamination in polluted soils as pollution indicator	Dr. Geeta Tewari	UGC, New Delhi	2011-2013	1.45	01

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Number of faculty with Completed Projects:

Sr. No	Title of Project	PI	Funding Agency	Duration	Outlay Lacs	Man Power
1.	--	Prof. CS Mathela	U-COST Dehradun UGC New Delhi MoEF New Delhi	03	25	03
2.	Phytochemical investigation..... bioactivity of some <i>Lamiaceae</i> members	Prof. AB Melkani	UCOST Dehradun	2007-2010	7.15	01
3.	Syntheses, characterization, catalytic and antimicrobial activities of metal hexa-cyanocobaltate nanoparticles.	Dr. Shah Raj Ali	UGC New Delhi	2009-2012	9.45	01
4.	Syntheses, characterization and catalytic activities of nano-sized double metal cyanide complexes.	Dr. Shah Raj Ali	UCOST Dehradun	2007-2010	7.37	01
5	Electrocatalytic potential of nanoscaled metal of salbutamol, paracetamol, morphine and codeine drugs.	Dr. Shah Raj Ali	CSIR New Delhi	2009-2012	12.00	01

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration N.A. b) International collaboration N.A.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

S. No	Title of Project	PI/ Co PI	Funding Agency	Duration	Outlay Lacs
1.	--	PI	DST New Delhi	05	127

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20. Research facility / centre with

GC-MS central facility

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

N.A.

22. Publications:

• No. of papers	:	International	–	160
		National	–	35
• Monographs	:			Nil
• Chapters in Books	:			07
• Edited Books	:			Nil
• Books with ISBN with details of publishers:				02
o LAP Lambert Academic Publishing, (ISBN 978-3-8454-2839-O)				
o Gyanodaya Prakashan, Nainital				
• No. listed in International database –				
• Citation Index	:	3338	Range/ Average – 0.08-28.26 / 2.59	
• SNIP				
• SJR				
• Impact Factor	:	292.64	Range/ Average – 0.30-28.26 / 2.59	
• h- Index	:			61

23. Details of patents and income generated

NIL

24. Areas of consultancy and income generated

NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Dr. Nanda Gopal Sahoo visited Konkuk University, Seoul, South Korea, 2014
- Dr. Shah Raj Ali visited Higher College of Technology, Muscat, Oman, 2012

26. Faculty serving in

a) National committees	:	Prof. CS Mathela
b) International committees	:	Nil
c) Editorial boards	:	Prof. CS Methela (Editor, Member & Reviewer)
		Prof. SPS Mehta (Member)
		Prof. A. B. Melkani
		Dr. NG Sahoo (Member & Reviewer)
		Dr. Shah Raj Ali (Member & Reviewer)

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d) Any other (Member, Board of Studies):

Prof. SPS Mehta
 Prof. Ganga Bisht
 Prof. AB Melkani
 Prof. Chandra Kala Pant
 Prof. Chitra Pande
 Prof. Pushpa Joshi
 Prof. KS Khetwal
 Prof. CS Mathela

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Refresher and Orientation Courses

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 100%
- percentage of students doing projects in collaboration with other universities / industry / institute 10%

29. Awards / recognitions received at the national and international level by

- Faculty:

1	Young Scientist Award, 2008 in 2 nd USSTC held at Dehradun	Dr. Geeta Tewari
2	Women Scientist Award, 2011 in ETCBI-2011	Dr. Geeta Tewari
3	Best poster award in ISCA-2014 held at University of Jammu	Dr. Shah Raj Ali
4	Best oral presentation award, 2009 in Academica held at Pithoragarh	Dr. Shah Raj Ali
5	Young Scientist Award 2011 in 6 th USSTC held at Almora	Dr. Shah Raj Ali
6	Young Scientist Award 2011 in 6 th USSTC held at Almora	Dr. Lalit Mohan
7	Bhaskara Advanced Solar Energy (BASE) Fellowship 2014 by DST, New Delhi and Indo-US Science & Technology Forum (IUSSTF)	Dr. Nanda Gopal Sahoo

- Doctoral/ Post-doctoral fellows:

1	Young Scientist Award, 2011 for best Poster Presentation in National Conference on ETCBI-2011	Namrata Pandey
2	Young Scientist Award 2013 UCOST, Dehradun	Mr. Pramod Pandey
3	Young Scientist Award 2013 Tamilnadu	Mr. Pramod Pandey

- Students Nil

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30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- The department conducted UGC sponsored Refresher Course in Chemistry 17 February to 8 March 2009 and 3 -22 December, 2010 and has given training to teachers of Indian Universities and Colleges, at UGC-ASC, Nainital.
- The Department conducted a State-level Workshop on Digital Instruments and Computers for Chemistry Laboratories from 4th March to 6th March 2010 with the collaboration of Science Education Center and Sponsored by Uttarakhand State Council for Science and Technology, Dehradun, at SSJ Campus, Almora.
- Celebrate Chemistry Day on 23-12-2010 and Science Day on 28-02-2011
- The department organized an outreach programme on Pandit Govind Ballabh Pant's Jayanti in September 10, 2011.
- Organized National conference on Emerging trends in chemistry biology interface (ETCBI-2011) from 03-05 November 2011 at Nainital.

31. Code of ethics for research followed by the departments

Every necessary precaution is taken by each and every faculty member of the department so that the genuine and original research work is done and published in the journals of national and international repute. No specific code of the ethics has so far been fixed for the research work.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc. Chemistry	70 – 130	05	25	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Chemistry	60	10	30	Nil
Ph.D. Chemistry	70	30	Nil	Nil

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34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

• **CSIR-UGC-NET Qualified:**

Name	Year	Degree
Tejpal Singh	2010	M.Sc.*
Bittu Singh	2010	M.Sc. *
Ajay Verma	2010	M.Sc. *
Deepshekha Punetha	2011	M.Sc. *
Deepshikha Joshi	2011	M.Sc. *
Garima Patni	2012	M.Sc. *
Vinay Deep Punetha	2013	M.Sc. *
Kavita Rawat	2013	M.Sc. *
Rajendra P Pandey	2014	M. Sc. *

• **GATE Qualified:**

Name	Year	Degree
Tejpal Singh	2010	M.Sc. *
Bittu Singh	2010	M.Sc. *
Deepshekha Punetha	2011	M.Sc. *

• **Uttarakhand SLET Qualified**

Name	Year	Degree
Shalini Singh	2012	Ph.D.
Balam Singh Bisht	2012	Ph.D.
Vinod Kumar	2012	M.Sc. *

• **DST-INSPIRE Fellowship:**

Name	Year	Degree
Darshan Singh	2010	M.Sc. *
Sandeep	2012	B.Sc. **

• **Jobs/ Placement:**

Name	Year	Degree	Post & Company
C.M. Bisht	2009	Ph.D.	Assistant Professor, NOIDA
Anuradha Negi	2009	Ph.D.	Assistant Professor, Govt. P.G. College, Ramnagar
Hemlata Joshi	2005	Ph.D.	Assistant Professor, Govt. P.G. College,
Lalit Mohan	2009	Ph.D.	Teaching Personnel, D. S.B. Campus, Kumaun University, Nainital
Devendra Mishra	2011	Ph.D.	Assistant Professor, BITS, Bhimtal
Suhail Javed	2010	Ph.D.	Assistant Professor, D.S.B. Campus, Kumaun University, Nainital
Rajendra Padalia	2009	Ph.D.	Scientist, CIMAP, Pantnagar
Rajesh Joshi	2008	Ph.D.	Scientist, ICMR, New Delhi
Charu Chandra Pant	2012	Ph.D.	Consultant, UOU, Haldwani

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Shalini Singh	2012	Ph.D.	Assistant Professor, Surajmal Girls College, Kiccha
Charu Singh	2012	Ph.D.	Assistant Professor, Surajmal Girls College, Kiccha
Mamta Latwal	2013	Ph.D.	Assistant Professor, University of Petroleum, Dehradun
Subhash Joshi	2010, 2012	Ph.D.	Research Scientist; Assistant Manager, Jubilant Life Sciences Ltd.,
Dinesh S. Bisht	2012	Ph.D.	Scientist, Spice Board, India
Tejpal Singh	2014	Ph.D.	Assistant Professor, Surajmal Girls College, Kiccha

• **XII CSIR UGC NET 2013 (Results declared on 21.03.2013)**

Name	Year	Degree
Vinay Deep Punetha	2013	M.Sc.
Kavita Rawat	2013	M.Sc.
Rajendra P Pandey	2014	M. Sc.

• **XIII GATE 2013**

Name	Year	Degree
Nil	Nil	Nil

• **Awards in symposia/conference:**

a. Best Poster Award:

Name	Year	Degree
Shalini Singh	2011	M.Sc. *
Charu Singh	2011	M.Sc. *
Girish C. Kharkwal	2011	M.Sc. *
Namrata Pandey	2011	Ph.D.
Vinod Kumar Gangari	2012	M.Sc. *
Vinod Kumar	2013	M.Sc. *
Darshan singh	2010	M.Sc. *
Balam S. Bisht	2011	Ph.D.
Dinesh S. Bisht	2009	Ph.D.
Mamta Latwal	2013	Ph.D.
Pramode Pande (ISCA)	2013	M. Sc.
Pramod Pandey	2013	M.Sc. *

b. Best Oral Award:

Name	Year	Degree
Pramod Pandey	2013	M.Sc. *

* Pursuing Ph.D.

**Pursuing M.Sc.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	10
PG to M.Phil.	NA
PG to Ph.D.	20

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Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus Selection	25 % (in 2009)
☐ Other than campus recruitment	50
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	20
from universities from other States	10
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

- a) Library:
 - (i) A centralized University Library
 - (ii) Relevant text books and journals with faculty members
 - (iii) Online e- journal facility provide by University Library to all faculty members and Students
- b) Internet facilities for staff & students:
 - (i) Central facility for Faculty members and Ph. D. students
 - (ii) To all the students in department as work as central computer facility and at Campus library.
- c) Total number of class rooms: 05
- d) Class rooms with ICT facilities: Yes (Since 2007)
- e) Students' Laboratories:
 - i. Post Graduate Research Lab
 - ii. Organic Chemistry Lab
 - iii. Inorganic Chemistry Lab
 - iv. Physical Chemistry Research Lab
- f) Research laboratories-
 - i. Natural Product Laboratory
 - ii. Synthetic Organic Chemistry Lab
 - iii. Polymer and Nano Composite Research Lab
 - iv. Nanomaterial Research Lab
 - v. HPLC and GC Lab

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university

Name of Students working for the Ph.D. programme-

i. Mr. Pramod Pandey	iv. Mr. Sumit Kumar
ii. Mr. Yogesh Sharma	v. Mr. Yogesh Pandey
iii. Miss. Preeti Bhatt	vi. Miss. Reema Priyadarshi

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vii.	Mr. Manoj Nailwal	xxiii.	Mr. Manoj Devrari
viii.	Miss. Deepshikha Joshi	xxiv.	Mr. Rakshit Pathak
ix.	Mr. Lalit Prasad	xxv.	Miss. Kavita Rawat
x.	Mr. Rajendra Pandey	xxvi.	Mr. Pawan Kumar
xi.	Mr. Rajesh Kumar	xxvii.	Miss Garima Patini
xii.	Mr. Prakash Chandra	xxviii.	Mis Paridhi Bisht
xiii.	Miss. Pooja Joshi	xxix.	Miss Tripti Mishra
xiv.	Mr. Mahesh Chandra Arya	xxx.	Mr. Chandan
xv.	Mr. Sunil Dhali	xxxi.	Mr. Pankaj Kumar
xvi.	Mr. Jeewan Gahtori	xxxii.	Miss. Kiran Tewari
xvii.	Mr. Madan Suyal	xxxiii.	Miss. Getu Kunwar
xviii.	Mr. Tejpal	xxxiv.	Miss. Deepshikha Punetha
xix.	Mr. Vinod Gangari	xxxv.	Miss Mamta Bisht
xx.	Miss. Poonam Kushwaha	xxxvi.	Mr. Alkesh Chauhan
xxi.	Mr. Deepak Chandra	xxxvii.	Mr. Vinod Kumar
xxii.	Mr. Vinay Deep Punetha		

b) from other institutions/universities NIL

40. Number of post graduate students getting financial assistance from the university.

- Ph.D. 10
- M.Sc. 01

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

N.A.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **YES**
As per feedback from faculty, the improvement in the syllabus, pattern of paper, books required for teaching etc. are done periodically.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **YES**
As per feedback from the students, the faculty members are encouraged or conveyed the message by the HoD to the concerning faculty confidentially.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? **YES**
As per feedback from the alumni, the suggestions are being incorporated in the curriculum of concern programmes.

43. List the distinguished alumni of the department (maximum 10)

- a. Roop Singh Bhakuni (M.Sc. 1958), Technical Director, Good Year Co. Limited, USA
- b. Prof. MSM Rawat, (M.Sc.-1969) V.C., H.N.B.G. University, Srinagar, Gharwal
- c. Prof. H.D. Pathak, (Ph.D. 1961), Emeritus Professor & Ex- Head, Department of Chemistry, Kumaun University, Nainital
- d. Prof. CS Mathela, (Ph.D. 1975), Emeritus Professor & Ex- Head, Department of Chemistry, Kumaun University, Nainital

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- e. Prof. KS Khetwal, (Ph.D. 1972), Emeritus Professor & Ex- Head, Department of Chemistry, Kumaun University, Nainital
- f. Dr. P.C. Joshi (Ph.D.-1974), Sr. Scientist, Merryland, USA
- g. Prof. D.M. Joshi (MSc. 1972), Professor, Department of Chemistry, H.N.B.G. University, Srinagar, Gharwal
- h. Prof. A.K. Pant (MSc. 1972), Professor, Department of Chemistry, GBPU A&T, Pantagar
- i. Sh. Govind Rawat, IFS (M.Sc. 1975), CCF, Tamilnadu
- j. Dr. Virendra Melkani, IFS (M.Sc. 1976), CCF, Tamilnadu
- k. Sh. Harishankar Upadhyay, IFS (M.Sc. 1981), CF, Orrisa
- l. Prof. Dewan Singh Rawat, (M.Sc. 1993), Professor, Department of Chemistry, DU, New Delhi
- m. Dr. CP Kalra, (M.Sc. 1994), Senior Scientist, CRRI- CSIR, New Delhi
- n. Dr. DK Mathela, Secretary, Uttarakhand Board of Examination, Ramnagar.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special lectures based on curriculum were delivered by external experts, namely, Prof. P.S. Kalsi, Agriculture University, Jalandhar; Prof. Pahup Singh, University of Rajasthan, Jaipur and Prof. V.K. Tandon, Lucknow University, Lucknow.
- Class room seminars were organized and PG Students delivered their lectures on the different aspects of their syllabus.

45. List the teaching methods adopted by the faculty for different programmes.

- Teaching methods adopted to improve student learning:
 - Emphasis on black board teaching
- Interactive: Multimedia presentation
 - Hand outs on problems to the students
 - Student's seminar (for PG students only)
 - Innovations in teaching methods adopted
 - Learner centric approach rather than teacher centric approach
 - Problem solving approach rather than only subjective approach
 - Students are encouraged for self-study using internet & text books

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Periodically discussions among the faculty members are held to identify the objectives for the courses and the research scholars as well as the PG students are also involve to ensure that up to which extent the objectives of the courses have been fulfilled.
- Efforts are being made so that the department could implement the programme objectives in a proper manner as per guidance of UGC and other concern bodies.

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47. Highlight the participation of students and faculty in extension activities.

- NCC: Social activities like Polio, AIDS, Anti-tobacco and clean environment, support to local administration (traffic control) through NCC cadets and Associate NCC officer (Sub. Lt. AB Melkani).
- NSS: Several social service activities through volunteers of NSS and program officer (Dr. MS Javed).

48. Give details of “beyond syllabus scholarly activities” of the department.

- PG students of the department are encouraged to hold workshops and seminars on the burning issues of the society to ensure that the students could get the latest provisions/ facilities/ opportunities provided by various private as well government organizations.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

YES

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Faculty members of the department discuss the new books in the market, research papers and journals to update their knowledge and discuss the new areas of research through which innovative ideas could be applied for the development of the subject itself as well as for updating the knowledge of the students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strength:**
 - o Highly motivated and skilled faculty
 - o Moderate instrumental facilities
 - o Running M.Sc. and Ph.D. programmes in chemistry
 - o Inter disciplinary research programmes
 - o Moderate support to research through externally funded projects to faculty
 - o Moderate University- Industry interaction
- **Weakness:**
 - o Vacant faculty positions
 - o Grants to Department not increased for the last so many years. Due to escalate cost of chemicals and glassware it difficult to run the lab classes
 - o For International visibility in teaching and research, state to art and with cutting edge technology instrumentation facilities are lacking
 - o Constraint of laboratory space for faculty members to develop their own area of research

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

- **Opportunities:**

- Chemistry is one of the important branches of basic sciences and has ample employment potential in government services, private industries, pharmaceutical companies, paint & agrochemical industries besides opportunities in teaching and research and development organization. In addition nutraceutical/perfuming and cosmetic industries are potential employer for passing out students.

52. Future plans of the department.

- To start some new courses like: Biochemistry, Pharmaceutical Chemistry, Soil and Nano-chemistry
- Intensification of research programmes
- Regular modification of courses.

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Chemistry, S.S.J. Campus

2. Year of Establishment

1966 under Agra University and 1973 onwards under Kumaun University

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	--
Associate Professors	01	--	--
Asst. Professors	09	09	--
Others	--	--	--

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. N.D. Kandpal	M.Sc., Ph.D.	Professor	Physical	35	Ph.D.- 04 Pursuing -03
Prof. N.S. Bhandari	M.Sc., Ph.D.	Professor	Inorganic	26	Ph.D.- 02 Pursuing -04
Prof. G.C. Sah	M.Sc., Ph.D.	Professor	Organic	21	Ph.D.- 02 Pursuing -03
Prof. S.K. Joshi	M.Sc., Ph.D.	Professor	Physical	21	Ph.D.- 02 Pursuing -Nil
Prof. D.L. Verma	M.Sc., Ph.D.	Professor	Organic	21	Ph.D.- 05 Pursuing -02
Dr. Robina Aman	M.Sc., Ph.D.	Assoc. Professors	Organic	18	Ph.D.- 01 Pursuing -02
Dr. Priyanka Sagar	M.Sc., Ph.D.	Asst. Professors	Inorganic	08	Ph.D.- 01 Pursuing -01
Sri. D.S. Dharni	M.Sc., Net	Asst. Professors	Organic	04	Nil
Dr. Bhuwan Chandra	M.Sc., Ph.D.	Asst. Professors	Physical	04	Nil
Dr. M.K. Bera	M.Sc., Ph.D.	Asst. Professors	Organic	01	Nil
Jagsh Prasad	M. Sc. NET	Teaching Personnel	Organic	03	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Visiting Fellows	Address
Prof. M.S.M.Rawat	Head, Department of Chemistry, H.N.B. Garhwal University, Srinagar, Garhwal.
Prof. D.S.Rawat	Department of chemistry, University of Delhi, Delhi
Prof. P.S.Kalsi	Department of Chemistry, Punjab University, Amritsar.
Prof. H.P.Tewari	Retd. Professor, Allahabad University, Allahabad.

13. Percentage of classes taken by temporary faculty – programme-wise information

- UG Theory -7% and practical- 23% (ii) PG Theory- 8.33%

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

14. Programme-wise Student Teacher Ratio

- UG - 65:01
- PG - 06:01
- Total - 35.5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Staff	Sanctioned	Filled	Actual
Administrative	02	01	01
Academic support staff	06		
i. Lab Assistant	01	---	----
ii Lab Bearer	04	03	03
iii Peon	01	01	01

16. Research thrust areas as recognized by major funding agencies

- (I) Natural Product Chemistry (Aromatic and Medicinal Plants) (II) Synthetic Chemistry (III) Environmental Chemistry (IV) Chemical Kinetics (V) Coordination chemistry (VI) Catalysis/Nano catalysis

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Period	Sponsoring Organisation	Title of Project	Amount of Grant	Name of PI / Co-PI
15-03-08 to 14-09-10	Department of Science & Technology, Uttarakhand	Catalytic hydrogenation of organic substrates by using ZSM-5 anchored Pd (II) complexes	5,89,707.00	PI-Dr.Priyanka Sagar Co.PI-Dr.Robina Aman
25-03-09 to 15-11-11	Department of Science & Technology, Uttarakhand	Synthesis, characterization and in-vitro antimicrobial screening of alkyl and aryl tin (IV) complexes with phenol derivatives derived from amino acids	6,84,150.00	PI-Dr.Robina Aman Co-PI- Dr.Priyanka Sagar
31-03-2009 to 31-03-2012	GBPIHED, Kosi-Katarmal, Almora	Essential oil constituents of Artemisia species from Uttarakhand Himalaya and impact of environmental factors on their chemical constituents	7,00,350.00	PI-Prof.G.C.Shah

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	Start-up Grant from UGC-New Delhi	Synthesis of Binol based differently substituted, chiral pyridine and pyrimidine derivatives and their possible application in creating more complex molecular entity.	6,00,000.00	PI-Dr. M. K. Bera

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

During 2009-2014

• Number of / papers published in peer reviewed journals (national / international)	48 / 16
• Monographs	66
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	04 ISBN-978-3-659-47173-1,2013 Germany ISBN-978-3-659-46107-5,2013 Germany ISBN- 978-3-659-43059-6 (2013)Saarbrücken, Germany ISBN: 978-3-659-33689-8 LAMBERT Academic Press (Germany)-2013
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	07 / 203 – 375

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• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	22

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a)	National committees	NA
b)	International committees	NA
c)	Editorial Boards	NA
d)	any other (please specify)	
	Dr. Priyanka Sagar, Assistant Professor, Editorial Board member of Journal of Catalysts and Catalysis, Science, Technology and Management Publication, India	

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Dr. Robina aman – Two Refresher Courses
- Dr. Priyanka Sagar-Two Refresher Courses
- Mr. D.S.Dhami- One Orientation Program
- Dr.Bhuwan Chandra – One refresher and one Orientation Program

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
 - 100% of M.Sc IV Semester students do project work.
- percentage of students doing projects in collaboration with other universities / industry / institute

NA

29. Awards / recognitions received at the national and international level by

•	Faculty	NA
•	Dr.Robina Aman- Best oral paper presentation award in International Conference in NIT Jalandhar, 2013	
•	Doctoral / Post-Doctoral fellows	NA
•	Students	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- State Work Shop on Digital Instrument and Computers for Chemistry Laboratories, 4-6 March, 2010. Sponsored by UCOST, Dehradun.

31. Code of ethics for research followed by the departments

Yes

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG - B.Sc. I	390	165	159	52	70
B.Sc. II	196	85	111	64	90
B.Sc. III	154	54	100	75	93
PG- M.Sc.I Sem.	62	12	18	100	100
M.Sc.II Sem.	21	10	11	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Sc.	NA	NA	NA	Nil
M.Sc.	80% (approx.)	10% (approx.)	10% (approx.)	Nil
Ph.D.	77%	13%	10%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET-JRF -06, NET-01, GATE- 02 Students

35. Student progression

Student progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	NIL
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	NIL
Employed	

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	60%
from other universities within the State	10%
from universities from other States	30%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a)	Library	YES
b)	Internet facilities for staff and students	YES
c)	Total number of class rooms	Lecture Theatre-03, Smart Class-01
d)	Class rooms with ICT facility	NA
e)	Students' laboratories	Laboratories -06, Computer Lab-01
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	Number of Ph.D. students : 20
b)	from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- alumni and employers on the programmes offered and how does the department utilize the feedback? NA

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43. List the distinguished alumni of the department (maximum 10)

Dr. Vivekanand < Prof. of Chemistry, College of Basic Science and Humanities, G. B. Pant University of Agriculture and Technology, Pantnagar

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Seminars

45. List the teaching methods adopted by the faculty for different programmes.

- Board Teaching, LCD-Power Point Presentations, Smart Class

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Faculty members of the department met periodically and discuss about the progress of the program and monitor the learning outcome by conducting sudden test for the PG students only.

47. Highlight the participation of students and faculty in extension activities.

- Students and teachers of the department take part in seminars conducted regularly within the department. Every participant gives a 20 minutes power point presentation followed by short discussion session. Department also conducts classroom extempore for the students on different chemistry topics.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strength:**
 - i. Department has internet facilities.
 - ii. All the faculty member has I pad or laptop facilities provided by the university
 - iii. Hardworking, enthusiastic, devoted faculties
 - iv. In spite of lack of facilities, all departmental members keep update himself to the new technologies

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

- v. Working of research in different recognised fields of Chemistry viz.-
 - a. Himalayan Aromatic and Medicinal Plants-analysis and activities
 - b. Coordination Chemistry, Catalysis and Nano-catalysis-synthesis, characterization and activities
 - c. Metal-Alkoxides chemistry- synthesis, characterization and microbial activities
 - d. Hydrochemistry-Analysis and characterization of water from different resources
 - e. Designing, synthesis, characterization of heterocyclic compounds
- **Weakness:**
 - a. Lack of teaching staff, lab assistants, lab boys
 - b. Lack of sitting rooms for the faculties
 - c. Lack of central institutional facilities
 - d. Lack of research laboratories
 - e. Lack of Space for Library
- **Opportunities and Challenges:**
 - a. To make our department Centre of Excellence
 - b. To make a centre for Instrumentation Research Facility
 - c. To open new advance courses at P.G.Level-Applied Chemistry. Analytical
 - d. Chemistry, Pharmaceutical Chemistry
 - e. Placement cell for the student
 - f. To organize the International Conference
 - g. Faculties will try to improve their researches and publications

52. Future plans of the department.

- A. Department of Chemistry, Kumaun University, SSJ Campus is located in the lap of great Himalaya. Kumaun and Garhwal region of Himalaya is highly rich in diversified flora and fauna. Many Himalayan plants are having great medicinal importance. In fact, worlds' top ten medicinal plants with commercial importance are natural habitat of this Himalayan region. Apart from the known plants and herbs, there are many more unknown botanical species which may be having significant biological properties. Since, we are located in this region. We can explore the natural resources like plants and herbs as our area of research in the Department. The main objectives of our future plan regarding the aromatic and medicinal plants are
 - i. Detailed survey and collection of commercially important medicinal and aromatic plants.
 - ii. Detailed study on their chemical constituents.
 - iii. Use of these plants as such or their constituents for human well-being.
 - iv. Cultivation of important medicinal plants at our university premises by preparing nursery.
 - v. To educate scientifically the local farmers and growers by conducting training programs and workshops.
- B. We are also looking for the establishment of internationally competitive laboratory for synthetic organic chemistry. Our aim is to concentrate on the Himalayan plants as the

EVALUATIVE REPORT OF THE DEPARTMENT OF CHEMISTRY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

source of naturally occurring substances with significant biological importance. Some research groups of our department will be engaged in extraction of the plant material and their structure elucidation. On the other hand, the research group who have sufficient expertise in synthesis will be involved in the total synthesis of those natural products isolated from the Himalayan plants. The isolation and total synthesis of the natural products in collaboration with different research group within the department will provide a complete research program to showcase our department at national as well as international level.

- C. Presence of heavy metal ions in portable water resources is a major global concern and India is no exception. Presence of heavy metals like Cr, Ni, Pb, Cu and Zn causes many health hazards. For the removal of these heavy metals various methods are employed and application of waste plant material as bio-adsorbent is latest technique which is eco-friendly and economically viable as well. Presently we are involved in preparation of bio adsorbent from the waste plant materials found in Kumaun region. This bio-adsorbent is used to remove the heavy metals from the industrial waste water/synthetic waste water.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

1. Name of the Department

Department of Computer Science & Computer Centre

2. Year of Establishment

1990

3. Is the Department part of a School/Faculty of the university?

Faculty of Science/Technology, Kumaun University

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG: B.Sc., B.C.A.; PG: M.Sc.; Doctoral: Ph. D.

5. Interdisciplinary programmes and departments involved

Geo Informatics

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

7. Details of programmes discontinued, if any, with reasons

PGDCA - Transferred to department of IT.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

• UG (B.Sc.)	Annual
• UG (B.C.A.)	Semester
• PG (M.Sc.)	Semester
• Ph D. Course work	Semester

9. Participation of the department in the courses offered by other departments

- B.Sc. Forestry/M.Sc. Forestry
- M.Sc. Mathematics
- Ph.D. Mathematics

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	00	00	00
Associate Professors	01	00	00
Asst. Professors	01	01	01
Others	06	06	06

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Ashish Mehta	Ph. D.	Asstt. Professor and Head	Image Processing Machine Learning, AI	13	03(ongoing)
Lalita Bisht	MCA	Contract Faculty	V.B. Dot Net	03	Nil
Anand Kumar	MCA	Contract Faculty	C# Dot Net	03	Nil
Haripriya Tiwari	MCA	Contract Faculty	P.H.P	03	Nil
Mahesh Kumar	MCA	Contract Faculty	C# Dot Net	02	Nil
Anjali Bohra	M. Tech	Contract Faculty	Java core	01	Nil
Anjali Upadhyay	MCA	Contract Faculty	Android	01	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof S. D. Samant Ray, College of Tech, G. B. Pant University Pantnagar
- Mr Kush Verma, D.G. NIAR, Lal Bahadur Shastri National Academy of Administration, Mussoorie
- Dr B S Bisht, Faculty NIAR, Lal Bahadur Shastri National Academy of Administration, Mussoorie

**EVALUATIVE REPORT OF THE DEPARTMENT OF
COMPUTER SCIENCE & COMPUTER CENTRE**

13. Percentage of classes taken by temporary faculty – programme-wise information	

Programme Name	Contractual Faculty	Guest Faculty
B.C.A.	80%	10%
B.Sc.	70%	NIL
M.Sc.	60%	NIL

14. Programme-wise Student Teacher Ratio

- UG : 210:07 (01+ 06 (contract faculty))

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Number of academic support staff (technical)	03	03	03
Number of administrative staff	01	0	0

16. Research thrust areas as recognized by major funding agencies

- Image Processing, Machine Learning, Soft Computing, Artificial Intelligence

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- NIL

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration N.A.
- b) International collaboration N.A.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- N.A.

20. Research facility / centre with

• State recognition	N.A.
• National recognition	N.A.
• International recognition	N.A.

21. Special research laboratories sponsored by / created by industry or corporate bodies

N.A.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

22. Publications:

- Numbers of papers published in the peer reviewed journals (national / international)
- In SCI Journals:
- In other peer reviewed journals: *****
- Monographs: **None**
- Chapters in Books: **None**
- Edited Books: **None**
- Books with ISBN with details of publishers: **None**
- Number listed in international Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host etc.) *****
- Citation Index-range/average *****
- SNIP *****
- SJR *****
- Impact factor-range/average: **NIL**
- H-index **NIL**

23. Details of patents and income generated

NIL

24. Areas of consultancy and income generated

NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NIL

26. Faculty serving in

- a) National committees: Ashish Mehta - Life Member Indian Unit for Pattern Recognition and Artificial Intelligence (IUPRAI)
- b) International committees
- c) Editorial Boards
- d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Refresher Course, Training Programmes

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects **BCA & MSc: 100%**
- percentage of students doing projects in collaboration with other universities / industry / institute **NIL**

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

29. Awards / recognitions received at the national and international level by

• Faculty	NIL
• Doctoral / Post-Doctoral fellows	NIL
• Students	NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Online PHP workshop

31. Code of ethics for research followed by the departments

- Emphasis is laid on two aspects of ethics
 - (i) Code to be followed by faculty in their research endeavours: Faculty members are encouraged to publish in refereed quality journals. Due insistence is laid on proper guidance of research scholars/dissertations. Supervisors are advised to refrain from seeking favour of any kind.
 - (ii) Code of ethics to be followed by research scholars in the department: Since research ethics and research quality are related, due stress is laid on educating the researchers in the department on all relevant aspects of research methodology and ethics.
- The following aspects are specially kept in mind:
 - (i) Falsification: falsification and plagiarism are to be avoided at any cost.
 - (ii) Promoting mutual respect, trust and fairness in collaborative work.
 - (iii) Instead of working under stress due to unfavourable conditions, scholars are encouraged to report and bring their grievances to the supervisor and the H.O.D., who maintain confidentiality in redressal.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.C.A.	NA	66	22	100	100
B.Sc.	NA	39	34		
M.Sc.	05	02	0		
Ph.D.	NA	02	01		

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.C.A.	NA	NA	NA	NA
B.Sc.	NA	NA	NA	NA
M.Sc.	100%	0%	0%	0%
Ph.D.	0%	66%	33%	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 02 SET: 01 GATE: 00

35. Student progression

Student progression		Percentage against enrolled
UG to PG		0
PG to M.Phil.		NA
PG to Ph.D.		0
Ph.D. to Post-Doctoral		0
Employed		
☐	Campus selection	02
☐	Other than campus recruitment	Pursing PG from other universities
Entrepreneurs		0

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	57.14 (04/07)
from other universities within the State	42.86 (03/07)
from universities from other States	0 (00/07)
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NIL

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

38. Present details of departmental infrastructural facilities with regard to

a) Library:	The Department has a well maintained library with reference as well as text books. The library is managed through funds generated by the department.
b) Internet facilities for staff and students:	High Speed Internet
c) Total number of class rooms:	Two
d) Class rooms with ICT facility:	Limited ICT facilities
e) Student's laboratories:	Three
f) Research laboratories:	Proposed

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university:	
Doctoral Students:	1. Parul Saxena, 2. Pankaj K Kandpal, 3. Govind Verma
b) From other institution/university:	
Doctoral Students:	NIL
Post-Doctoral students:	NIL

40. Number of post graduate students getting financial assistance from the university.

NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NIL

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
•	Deliberations during Departmental meetings. Feedback from faculty on curriculum as well as teaching learning evaluation is obtained by deliberations in regular departmental meetings, group discussions, held every quarter. Ideas on recent advances are put forth and the possibility of their inclusion in the syllabus is discussed. The viable changes are noted and presented in the B.O.S. for consideration.	
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
•	feedback from students on staff, curriculum and teaching, learning and internal assessment:	
•	Redressal of problems posed in student feedback is done by a departmental committee.	
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	YES
•	Time to time, Alumni share their own experiences with department and department utilize their experiences and exposures in the form of course/ project work.	

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

43. List the distinguished alumni of the department (maximum 10)

NIL

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Prof. S. D. Samantroy, College of Tech, G. B. Pant University Pantnagar
- Mr Kush Verma, D.G. NIAR, Lal Bahadur Shastri National Academy of Administration, Mussoorie
- Dr B S Bisht, Faculty NIAR, Lal Bahadur Shastri National Academy of Administration, Mussoorie
- Prof. M C Joshi, Department of Mathematics D S B Campus Nainital,
- Training based on open source software, National Mission on Education by Ministry of Human Resource Development (IITB).

45. List the teaching methods adopted by the faculty for different programmes.

- Lecture Methods
- Lesson Methods
- Group Discussion
- Presentation
- Online Assistance

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Class Test, Assignment, Internal Examination, Tutorials etc.

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

Department also run CISCO Certificate course for college students.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Department provide knowledge based on machine learning, soft computing to research scholars of various departments.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE & COMPUTER CENTRE

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - The department has young and energetic faculty with specialization in diverse computer fields. Quality research/Project work is being supervised in upcoming fields, by the faculty members. The department having the sophisticated and rich hardware and software to facilitate the students and research scholar. Department have its own library with reference and text books. Department have developed all infrastructure, library, and other assets by self-finance scheme. Provide technical and academic support to others departments and university and runs the job oriented courses according to industrial thrust.
- **Weaknesses:**
 - Shortage of space for class rooms, laboratory, library and sitting space for faculty, research scholar, and nonteaching staff is another major problem. No power back up and no heating facility in a cold and wet climate like Nainital do not permit working for long hours. Some of hardware and software have become obsolete and their up gradation is not feasible and economical. Lack of technical supporting staff for proper maintenance of laboratory.
- **Opportunities:**
 - Proximity of the department to the scientific institutions like Aryabhata Research Institute of Observational Sciences (ARIES), opens new vistas for data/observation based research on Physical, Astronomical phenomenon (e.g. solar flares etc.), Image Processing and simulation.
 - Provide quality professional education opportunities for students of remote area and weak financial background.
- **Challenges:**
 - The major challenge is to bring in more financial assistance through funding agencies. This will help in giving fellowship to research scholars and this will attract good students to join the department as researcher students.
 - How to spread the computer literacy programme in the remote area of state and also produce software professional and entrepreneur.

52. Future plans of the department.

- To collaborate with the industries and maximum absorption of our students in their industries. Plan to start new P.G. and certificate courses in the department. Strengthen the technology awareness program for the state through customized online / offline courses.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

1. Name of the Department

Department of Computer Science S.S.J. Campus

2. Year of Establishment

1989

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Sciences

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG : B.Sc. & BCA
- PG : M.S.c
- Ph.D. :

5. Interdisciplinary programmes and departments involved

IGNOU Programme (CIT, BCA, MCA)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

PGDCA (Interested students were less than 20 in year 2011.)

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: B.Sc. Annual BCA Semester
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Nil	Nil	Nil
Associate Professors	1	1 (On Leave)	1(Contract)
Asst. Professors	1	1	1
Others	6	6	6

Others: BCA (Self Finance)

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S. No.	Name	Qualification	Designation	Specialization	No. of Year of Experience	Ph. D. Students enrolled
1.	Prof. Durgesh Pant (On Leave)	MCA, PhD.	Professor	E-Governance, IT- Initiatives, Soft Computing	20	01
2.	Ms. Parul Saxena	M.Sc., NET Ph.D. (Pursuing)	Assistant Professor and Campus Head	Artificial Intelligence, Analysis of Algorithms	05 years 09 Months	Nil
Contract Faculty Members						
3.	Dr. Manoj Kumar Bisht	Ph.D, M.Tech, MCA, MBA	Teaching Personnel (against leave vacancy)	Software Engineering, Computer Networking, E-Governance	10 Years	Nil
4.	Dr. Sumit Khulbe	Ph.D, M.Sc (Mathematics), MCA	Teaching Personnel	NLP and Programing Languages, DBMS	8 Years	Nil
5.	Arpita Joshi	MCA	Teaching Personnel	Computer Graphics, Database, Networking, Discrete Mathematics	6.5 Years	Nil
6.	Lalit Prasad	MCA	Teaching Personnel	Networking, ADA, Software Engineering, MIS, Parallel Processing, CSA, Data 5 Structure, Robotics, Pervasive Computing	5 Years	Nil
7.	Khajan Singh	MCA	Teaching Personnel	C/C++, OS, Database, C#, JAVA, Software Engineering, VB	8 months	Nil

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

8.	Devashish Pundir	MCA, NET	Teaching Personnel	C/C++, Networking, Database, Operation Research	8 months	Nil
9.	Bhagwati Prasad Pandey	MCA, NET	Teaching Personnel	Natural Language Processing, Computer System Architecture		Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- **Distinguished Lectures**
 - o Prof Durgesh Pant, Director School of Computer Science and Information Technology, Uttarakhand Open University, Dehradun.
 - o Dr. D. K. Lobiyal, School of Computer and System Sciences, JNU, New Delhi.
- **Guest Faculty**

Name of Teacher	Subject
i. Barkha Rautela	English
ii. Megha Bharti	English
iii. Prof. V. P. Pandey	Mathematics
iv. Prof. K.C.Joshi	Accounting
v. Prof. Neeraj Tiwari	Statistics
vi. Bhuwan Chandra Joshi	Commerce
vii. Girija Shankar Pandey	Statistics
viii. Sparsh Bhatt	Statistics
ix. Savita Patni	Mathematics
x. Mrs. C. Neelayathatchi (VPKS Almora)	Mathematics
xi. Anita Kumari	Mathematics
xii. Mr. Richanshu Sharma	Mathematics

13. Percentage of classes taken by temporary faculty – programme-wise information

- BCA (Self Finance) 100 %
- B.Sc, 87.5%
- M.Sc. 80 %

14. Programme-wise Student Teacher Ratio

- BCA 23.3% (163 students and 7 teachers)
- B.Sc. 11.1% (78 students and 7 teachers)
- M.Sc. 0.75:1%(6 students and 8 teachers)

**EVALUATIVE REPORT OF THE DEPARTMENT OF
COMPUTER SCIENCE, S.S.J. CAMPUS**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Staff	Sanctioned	Filled
Technical Staff	2	2
Office staff (contract)	2	2
Others	1	1

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	26
• Monographs	NA
• Chapters in Books	01
• Edited Books	01
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0.274
• h-index	01

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	

Name of Association/Organization	Status of Membership
Indian Science Congress Association	Life Member (L17060)
Indian Unit of Pattern Recognition and Artificial Intelligence	Life Member (L070)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute
 - BCA 100%
 - M.Sc. 100%

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

KUINFO 2004

31. Code of ethics for research followed by the departments

- Honesty
- Responsible publication
- Respect for intellectual property

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Sc.	-	49	34	-	-
M.Sc.	08	04	04	50	100
B.C.A.	-	131	26	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Sc.	NA	NA	NA	NA
M.Sc.	100%	Nil	Nil	Nil
B.C.A.	NA	NA	NA	NA
Ph.D.	22.22%	5.55%	72.22%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	10%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	02

36. Diversity of staff

Name of the Programme (refer to question No. 4)	Percentage of faculty who are graduates			
	from the same university	from other universities within the State	from universities outside the state	from other countries
B.Sc.	50%	Nil	50%	Nil
M.Sc.	50%	Nil	50%	Nil
BCA	83.33%	16.97%	Nil	Nil
Ph.D.	100%	Nil	Nil	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

02 contractual faculty members

38. Present details of departmental infrastructural facilities with regard to

a) Library	Yes, approx. 1100 books for BCA
b) Internet facilities for staff and students	YES
c) Total number of class rooms	02
d) Class rooms with ICT facility	NA
e) Students' laboratories	B.Sc. : 01 M.Sc. : 01 BCA : 01
d) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

S.No.	Name	Year Awarded Ph.D.
1.	Kailash Chandra Joshi	
2.	Mrinalini Shah	2007
3.	Manoj Kumar Bisht	2011
4.	Sushil Chandra Bhatt	Thesis Submitted

b) from other institutions/universities

S.No.	Name	Year Awarded Ph.D.
1.	Anurag Awasthi	2005
2.	Shishir Kumar	2005
3.	K.K.Motla	2010
4.	Ashutosh Bhatt	2009
5.	K Ram Moha Rao	2009
6.	Mahesh Kumar Sharma	2010

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

7.	Manoj Chandra Lohani	2009
8.	Kunwar Singh Vaisla	2011
9.	Naveen Gondhi	2012
10.	Ashok Nayak	2011
11.	Tokeer Ahamad	2013
12.	Kamal Kumar Ghanshala	2014
13.	Sushil Chandra Dimri.	2013
14.	Ajay Khukshal	2013

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - The department tries its best to overcome the problems traced out by the faculty members.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - We take necessary action to sort out the problems of the students.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

- Lecture Methods
- lesson Methods
- Group Discussion
- Quizzes
- Demonstration in Laboratories
- Presentations

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Class Test
- Quiz
- Assignment
- Internal Examination
- Tutorials, etc.

47. Highlight the participation of students and faculty in extension activities.

- Jigyasa Group

48. Give details of “beyond syllabus scholarly activities” of the department.

- Pragati Technical Event.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Qualified, experienced and dedicated teaching staff.
 - ii. Supporting technical and non-teaching staff.
 - iii. Talented and enthusiastic students.
 - iv. Capability to run various academic programmes.
 - v. Motivated working environment.
- **Weaknesses**
 - i. Poor infrastructure.
 - ii. Lab conditions are not up to the mark.
 - iii. Library facilities are limited.
 - iv. No access of reputed journals.
 - v. Limited working space and lacking basic facilities.
- **Challenges**
 - i. To shape the students with limited facilities.
 - ii. To coordinate with other units of the campus.
 - iii. To endeavour for campus placement of BCA students.
 - iv. To plan new academic courses.
 - v. To bridge the gap between academic activities and professional level implementation.

EVALUATIVE REPORT OF THE DEPARTMENT OF COMPUTER SCIENCE, S.S.J. CAMPUS

- **Opportunities**

- i. We have good fund status for the welfare of the department.
- ii. We plan different academic events from time to time.
- iii. We support students to bring out their best.
- iv. We plan good level final year industrial projects of BCA and M.Sc. students.
- v. We support other departments whenever needed.

52. Future plans of the department.

- To start Integrated MCA Programme.
- To start M.Tech.. in Artificial Intelligence.

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

1. Name of the Department

Department of Forestry and Environmental Science

2. Year of Establishment

1978

3. Is the Department part of a School/Faculty of the university?

Yes, Science Faculty

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

U.G., B.Sc. Forestry (self-financed), PG, Ph.D., D.Sc.

5. Interdisciplinary programmes and departments involved

P.G. Diploma in Mountain Ecosystem and Climate Change (Forestry and Geography)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Annual and Semester

9. Participation of the department in the courses offered by other departments

Computer Applications

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professors	01	01	01
Asst. Professors	03	02	02
Others	-	01	-

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
1. Prof. Jeet Ram	Ph. D and NET	Professor and Head	Forestry, Ecology-Grassland and Forest Ecology, Biodiversity and Seed science	25	09
2. Dr. L.S. Lodhiyal	M.Sc. and Ph. D.	Associate Professor	Forest Ecology, JFM, Agro-Forestry and Watershed Management	15	03
3. Dr. Ashish Tewari	Ph. D and NET	Assistant Professor	Forest Eco-physiology, Seed Science and Technology and Forest Carbon monitoring.	12	02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. R. P. Singh, Emeritus Professor
- Prof. G. L. Sah

13. Percentage of classes taken by temporary faculty – programme-wise information

- U.G.: 25%
- B.Sc. Forestry (self-financed) : 75%
- P.G.: 20%

14. Programme-wise Student Teacher Ratio

Course	No. of Students	Student Teacher Ratio
PG	20	5:1
UG	120	30:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Lab assistant One
- Office Assistant One
- Helpers Two Class IV

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

16. Research thrust areas as recognized by major funding agencies

- Forest and climate change
- Carbon forestry
- Seed science and forest biodiversity
- Nursery Technology
- Medicinal Plant

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

S/N	Title of the Project	Funding Agency	Name of PI	Amount	Date of Commencement
1.	National network on integrated development of wild apricot and Cheura	NOVOD Board, Gurgaon	Dr. Ashish Tewari Co. PI: Prof. Jeet Ram	26 lakh approx.	2011
2	“Timing of phenological shifts affected by water stress due to changing climatic pattern under varying disturbance levels in Kumaun Central Himalaya”	DST, New Delhi	Dr. Ashish Tewari Co. PI: Prof. Jeet Ram	30 lakh approx.	2012
3	Establishment of an Ideal Nursery of Amala and Tejpat at chamoli district	Herbal Research and Development Institute Mandal Gopeshwar.	Prof. Jeet Ram Co PI: Dr. Ashish Tewari	20 lakh approx.	2014
Total Grant received				77.0 lakhs	

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- DST, ICFRE, GBPIHED, National Medicinal Plant Board
- PG Diploma in Mountain Ecosystem and Climate Change: UGC funded: 51 lakhs

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

20. Research facility / centre with

• State recognition	NA
• National recognition	NA
• International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	68
• Monographs	NA
• Chapters in Books	02
• Edited Books	NA
• Books with ISBN with details of publishers	01
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	5-189/ 91.5
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	1.95-11.50/ 3.75
• h-index	14

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- One Faculty member attended the refresher course at UGC ASC, Nainital in 2010.
- Two Faculty members and one Post-Doctoral fellow attended the 14 day training program on Remote Sensing and GIS organized by Department of Geography.
- 10 workshops/ seminars attended by the faculty during the last 4 years.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
 - o Attachment of students with other Institutes/ NGO's – 100%
 - o Dissertation/ Project work by M.Sc. students – 100%
 - o Dissertation work by B. Sc. honours Students (self-financed VIII semester) – 100%
- percentage of students doing projects in collaboration with other universities / industry / institute
 - o M.Sc. students – 100%
 - o P. G. Diploma – 100%
 - o B.Sc. Forestry VIII semester students – 100%

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S/N	Title of the Conference/seminar	Year and dates	Source of funding
1.	Research Methods in Forestry and Climate Change	17-18 September 2010	National
2.	Agro-Forestry topics in the refresher course on forestry & Environmental Sciences	September 2010	

31. Code of ethics for research followed by the departments

- Pre-registration presentation of the synopsis is held in the Departmental RDC.
- Supervisor/ Office of the Head of the Department maintains attendance of the research scholars regularly.
- Permission for field work has to be taken in advance from the supervisor and submitted to the Departmental office.
- Six monthly seminars on progress of the Ph. D. Work have to be given by the students.
- A pre-Ph. D. submission seminar is held in the Department.

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)		Year	Application received	Selected		Pass Percentage	
				Male	Female	Male	Female
U. G.	B. Sc. Forestry (self- financed)	2010	4	04		100	-
		2011	18	10	05	100	100
		2012	25	17	04	100	100
		2013	23	14	05	100	100
	B. Sc.	2010	At Dean Science level	17	19	70	94
		2011		16	25	75	84
		2012		16	26	56	80
		2013		21	35	95	97
P.G.	M. Sc Forestry	2010	15	5	5	100	100
		2011	16	4	6	100	100
		2012	17	4	6	100	100
		2013	19	3	7	100	100
Ph. D.	Ph. D. Forestry	2010	Pre Ph. D examination	5	1		
		2011		1			
		2012		2	1		
		2013		3	3		
P.G. Diploma	Mountain Ecosystem and Climate Change	2012	5	2	1	100	100
		2013	2	1	1	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)		% of students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other countries
U. G	B. Sc. Forestry (self- financed)	NA	40-50%	50-60%	10-20%
	B. Sc.	NA	70-80%	20-30%	10-20%
P.G	M. Sc Forestry	50-60%		10-20%	20-30%
	Ph. D Forestry	50-60%	20-30%	10-20%	<10%
P.G. Diploma	Mountain Ecosystem and Climate Change				

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: (Last four year) 03

i.	Miss Jyoti Pandey	General	ARS NET	
ii.	Dr. Jitendra Bhatt	General	ARS NET	2013
iii.	Mr. Manmohan Kanwal	General	ARS NET	2013

35. Student progression

Student progression		Percentage against enrolled
UG to PG		30-40%
PG to M.Phil.		NA
PG to Ph.D.		10-20%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates		
of the same university		100%
from other universities within the State		Nil
from universities from other States		Nil
from universities outside the country		Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a)	Library	One
b)	Internet facilities for staff and students	Broadband connection
c)	Total number of class rooms	6
d)	Class rooms with ICT facility	Nil
e)	Students' laboratories	1
f)	Research laboratories	1

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university
 - Doctorate:** Dr. Gunjan Joshi
Dr. Narayan Singh Lodhiyal
Dr. Pratap Singh Dhaila
Dr. Prakash Singh Dhaila
Dr. Harshit Pant
Dr. Nabin Raj Joshi
 - Post Doctorate:** Dr. Shruti Shah
Dr. Bhawana Tewari
Dr. Beena Tewari
 - Research Associate:** Dr. Jitendra Bhatt
 - Senior Research fellow:** Dr. Harshit Pant
Mr. Nandan Singh
 - Project Fellow:** Mr. Amit Mittal
- from other institutions/universities
 - Doctorate:** Dr. Arti Verma
Dr. G. C. Pant (Forest Department)
Dr. Sunil Marpa

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - Feedback from Faculty members on progress in the syllabus is taken by the head of the department in monthly departmental meetings.
 - Student evaluated by conducting tests, assignments and seminars.
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - Feedback from students are discussed in the departmental meetings and appropriate improvements/ suggestions incorporated/ implemented accordingly.
- alumni and employers on the programmes offered and how does the department utilize the feedback? YES

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

43. List the distinguished alumni of the department (maximum 10)

S. No.	Name	Position
1	Dr. H. S. Ginwal	Scientist F
2	Dr. R. S. Bisht,	Conservator Forest
3	Dr. Avtar singh	Professor in Forestry
4	Dr. S. K. Lavania	Associate Professor forestry
5	Dr. Praddep Mehta	Program Director
6	Dr. Neeraj Khera	Senior Advisor biodiversity program
7	Dr. Pankaj Tewari	Program Manager

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special Lectures on Climate Change by Prof. R. P. Singh, Professor Emeritus UGC in 2009-2010.
- National Workshop (17-18 September 2010) on “Research Methods in Forestry and Climate Change” M.Sc, Students participated.
- Special Lectures on GIS and Remote sensing by Prof. G. L. Sah in 2013-14.
- Special Lectures on Opportunities in forestry Sector by Mr. Vivek Pandey, IFS in 2013-14.
- Compulsory attachment of the B. Sc. VIII semester and M. Sc. IV semester students with Uttarakhand Forest department/ institutes/ Non-Governmental Organizations.
- Students participate in Afforestation and reforestation program.

45. List the teaching methods adopted by the faculty for different programmes.

- Regular field visits for practical and field work for UG and PG. Students.
- Educational tours for UG and PG. Students
- Power point presentation/ black board teaching being used as teaching aids.
- Guest lectures on current Environmental issues by experts

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- The teaching is circulated at the beginning of the session
- Interdepartmental meetings are held monthly for evaluating the syllabus progress.
- Students - faculty meetings are organized for listening their problems and finding solutions.
- Learning outcomes are monitored through assignments and project work.

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

47. Highlight the participation of students and faculty in extension activities.

- Active participation of UG and PG students in debate on the occasion of Wild life week.
- Afforestation and Reforestation activities by students
- Societal Training on Eradication methods of Lantana and Eupatorium in 2013-14.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Participation of the students in debate, seminars, NSS, NCC and forestry extension activities.
- Involvement of the faculty in paper setting, Evaluation work, BOS and RDC of other Universities.
- In University administration work i.e. Proctoral board, DSW board.
- Review of research papers/ research thesis/ research proposals

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- The department has been accredited as an ‘A’ grade department by the Indian Council of Forestry Research and Education, Dehradun in 2010.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department has a well-established traditional of research in various fields of forestry research: Hill communities and carbon credits, Climate change adaptations, Potential agro forestry models suitable for the hill areas and livelihood generation through tree borne oilseeds and medicinal plants.
- Developing course material for Diploma on Management of Non wood Forest Products of Uttarakhand Open University, Haldwani in 2010 by Dr. Ashish Tewari.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. Capable disciplined and energetic faculty with specialization in diverse Forestry fields.
 - ii. Active involvement in research projects and quality research with satisfactory research Publication.
 - iii. 100% results in Post-graduation in the last five years.
 - iv. Department has its own library with reference and text books.
 - v. Initiation of PG Diploma in Mountain ecosystem and Climate Change and Four year Job oriented Forestry course (Self-financed).

EVALUATIVE REPORT OF THE DEPARTMENT FORESTRY AND ENVIRONMENTAL SCIENCE, D.S.B. CAMPUS

- **Weaknesses:**

- i. Limited faculty strength against workload.
- ii. Limited space for Classroom, laboratories, research scholars and non teaching staff.
- iii. Limited exposure visits of Forestry students to Industries and forest areas.
- iv. Lack of facilities for working late in the department.

- **Opportunities:**

- i. Developing MOU with various organization, Institutes, and other departments for collaborative and inter-disciplinary research.
- ii. Developing an exchange program of Forestry Students with other National and International Universities.
- iii. Developing a placement and counselling cell in the department.
- iv. Developing a mechanism for more active participation of the department with local communities for Forestry extension work.
- v. Developing RS and GIS laboratory.

- **Challenges:**

- i. Creating more job opportunities for the students.
- ii. Getting enhance infrastructure development grant from funding agencies.
- iii. More research and better research output.
- iv. Short term training program in latest Forest research methods, other thrust areas of environment and forest to cater to the requirement of the professionals and students.
- v. Developing a faculty of Forestry and Environmental Science.
- vi. Introduction of Forestry as a subject in all Competitive examination.

52. Future plans of the department.

- To enhance the faculty strength to fulfil the requirements of specialized areas in Forestry.
- Starting M Sc .Environmental Science in 2014-2015.
- Short term vocational courses to cater to the needs of professionals involved in Forestry & Environmental science sector and the local community:
 - o Diploma course in non-Timber Forest Products (NTFPs)
 - o Short term courses on GIS and remote sensing.
 - o Diploma in Energy and Environment

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

1. Name of the Department

Forestry and Environmental Sciences

2. Year of Establishment

1997

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG: B.Sc. (Bio Group)
- PG: M.Sc. Forestry
- Ph.D. Forestry

5. Interdisciplinary programmes and departments involved

100%

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- Ph.D. courses in collaboration with other universities / Institutions GBPUA&T, Pantnagar, GBPIHED, Kosi-Katarmal etc.

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester
- Ph.D. Semester followed with research work

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	--	01	01
Asst. Professors	01	--	--

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

Others	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Anil Kumar Yadava	Ph. D. , NET	Associate Professor & Campus Head	Forestry/ Agroforestry	18 Years	05 (enrolled)

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- UG 135:1
- PG 6:1
- Ph.D. 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Medicinal and Aromatic Plants, Ecology, Biodiversity, Forestry and Agroforestry

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- 01 (Dr. Anil Kumar Yadava)
- A National 01 (On-going)
- B International -
- C Total grant received 4,00,000.00
- Funding agencies National Medicinal Plant Board, Gopeshwar
- Project Title Production of quality planting material of Aonla (*Emblica officinalis*) and Satawar (*Asperagus recemosus*)
- Grant received 01 (Rs. 4 lacs)

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition YES
- National recognition YES
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	28 / 27
• Monographs	NA
• Chapters in Books	NA
• Edited Books	01
• Books with ISBN with details of publishers	01
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

26. Faculty serving in

a)	National committees	YES
b)	International committees	NA
c)	Editorial Boards	NA
d)	any other (please specify)	UPSC (Uttarakhand, Chattishgarh)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

SIX

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
YES – 100% PG level
- percentage of students doing projects in collaboration with other universities / industry / institute
YES – 100% PG level

29. Awards / recognitions received at the national and international level by

- Faculty Yes - S.K. Seth Prize (2010) of The Indian Forester
- Doctoral / Post-Doctoral fellows 02 - NET
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

Yes - We follow the National Forest Policy (1952 & 1988) and Wildlife (Protection) Act, 1972) for Forest Conservation and Biodiversity Conservation activities.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	NA	NA	NA	NA	NA
PG	09	02	04	-	-
Ph.D.	12	01	01	-	-

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	-	100%	Nil	Nil
PG	100%	Nil	Nil	Nil
Ph.D.	60%	20%	20%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression		Percentage against enrolled
UG to PG		10%
PG to M.Phil.		Nil
PG to Ph.D.		20%
Ph.D. to Post-Doctoral		Nil
Employed		
☐	Campus selection	Nil
☐	Other than campus recruitment	20%
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	100%
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

38. Present details of departmental infrastructural facilities with regard to

a)	Library	More than 1,000 books	
b)	Internet facilities for staff and students		YES
c)	Total number of class rooms		05
d)	Class rooms with ICT facility	Smart class	01
e)	Students' laboratories		01
f)	Research laboratories		01

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	03
b)	from other institutions/universities	02

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- For the development or introduction of new academic programmes the syllabi of the programme is discussed in detail with inclusion of syllabi of the other institutes, if required, are also discussed in the Board of Studies, Faculty of Science at the departmental level with external experts than proposal moved to Academic council and then Executive Council for its final approval.

42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - The feedback from faculty with regards to the curriculum and teaching-learning evaluation process as practiced and experienced by them in the class room, is regularly discussed at department level meetings and constructive remedial measures are taken whenever considered necessary, by bringing it to the board of studies for due consideration. On the basis of feedback on course curriculum are revised in Board of Studies meeting.
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - Circulate the feedback forms to the students for their independent and confidential assessment on faculty. Departmental meeting discussed student feedback on teacher(s) and course and suggest remedial measures when required. The continuous internal assessment, group discussion, tutorials, seminars, student counselling, is being carried out regularly to contribute to a healthy feedback from the students.
- alumni and employers on the programmes offered and how does the department utilize the feedback? NA

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

43. List the distinguished alumni of the department (maximum 10)

- i. Dr. HS Ginwal, Scientist 'E' Genetics and Breeding Division, ICFRE, Dehradun
- ii. Dr. SK Lavania, Professor (Forestry), GBPUA&T, Pantnagar
- iii. Dr. PS Rawat, Scientist 'D', ICFRE, Dehradun.
- iv. Dr. Faiz Mohsin, Training Associate, KVK, SVBUA&T, Merrut.
- v. Dr. Ashish Tewari, Assistant Professor (Forestry), KU, Nainital.
- vi. Dr. Vinay Kumar, Training Associate (agroforestry), KVK, NDUA&T, Faizabad.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special lectures are frequently conducted on Soil and water conservation, Forestry, Agroforestry, Environmental Sciences such as Himalayan biodiversity, climate change, forest restoration ecology, agro-biodiversity etc. in addition to this, M.Sc. final semester students choose one of the above topics for their M.Sc. Dissertation and Institutional attachment to get field knowledge as well.

45. List the teaching methods adopted by the faculty for different programmes.

- U.G. Level - Lecture, tutorials, group discussion, Room teaching with the help of Power point presentation, lectures followed by field visit and field work etc.
- P.G. Level - Lecture, tutorials, group discussion, Power point presentation, internet and lectures followed by field visit and field work etc.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Regular interaction with students, research scholars. Periodical assessments, project work, internal assessment and quiz/test at the time of lectures.

47. Highlight the participation of students and faculty in extension activities.

- Visits of students along with the faculty members to different laboratories of GBPIHED, Kosi-Katarmal, VPKAS, ICFRE, WII etc. and regular field surveys.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Project/dissertation work, active involvement in departmental seminars and three months attachment with different institution as per their interest and future placement point of view.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- By submitting a self-appraisal report to the ICFRE, Dehradun for accreditation giving details including fulfilment of accreditation criteria as per the Annexure-I of the guidelines of Accreditation the ICFRE sent an expert team to the University which submit its report to the council. Indian Council of Forestry Research and Education, Dehradun. ICFRE Accredited the Department of Forestry and Environmental

EVALUATIVE REPORT OF THE DEPARTMENT OF FORESTRY & ENVIRONMENTAL SCIENCES

Sciences, Kumaun University, Nainital as Accreditation Grade 'A' by Ref. No. ICFRE/Acc/8-2010 dated 09.06.2010

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- i. Develop environmental awareness, to save the globe.
- ii. Skill development and develop competitive aptitude in students for competitive exams and for their future job opportunities.
- iii. Awareness programmes launched for local people for save biodiversity.
- iv. To save the Himalaya movement by replacement of conifers from broad leaved tree species for soil and water conservation.
- v. Promote the farmers to growing fuel and fodder trees on marginal land/bunds to save the forest biodiversity and to reduce pressure on forest etc.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strength:**
 - The department is situated in Central Himalaya and state having 68% (approx.) forest area provides ideal condition for teaching, research and extension work on different aspects, having Good teaching facilities (Lectures followed by field work) etc.
- **Weakness:**
 - Single faculty member with workload of more than 48 hours per week (for teaching UG, PG and Ph.D. students and other administrative work) and only one non-teaching staff), computer facilities and insufficient grants.
- **Opportunities:**
 - to develop research laboratories, and opening of professional courses.
- **Challenges:**
 - opening of job oriented course programmes, to develop the department upto a recognized standard by producing skilled and knowledgeable student lot and their good placement at institutions and industries etc.

52. Future plans of the department.

- Opening of job oriented professional courses on medicinal and aromatic plants, forestry sectors, etc.

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOLOGY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Geology

2. Year of Establishment

1975

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- a. UG Courses; B.Sc.; Three year degree course (Annual)
- b. PG courses M.Sc.; Two Year degree course (IV Semester)
- c. Ph.D ; As per UGC regulation 2009 (4 Years {with one year extension})

5. Interdisciplinary programmes and departments involved

- a. M.Sc. in Geoinformatics has been formulated in coordination with Mathematics, Computer Science and Geography departments of Kumaun University.
- b. Three subject B.Sc. involving departments of Physics, Mathematics, Botany, Zoology and Chemistry.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG Level - Annual System
- PG Level – Semester System

9. Participation of the department in the courses offered by other departments

- Three subjects B.Sc. involving departments of Physics, Mathematics, Botany, Zoology and Chemistry.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	02	07
Associate Professors	03	02	01

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOLOGY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

Asst. Professors	06	05	01
Others (UGC Research Scientist)		01	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr C. C. Pant	M.Sc., (Geology), Lucknow, University, Ph.D. in (Geology) (Kumaun University), Nainital.	Professor	Sedimentology, Morpho-tectonics, Himalayan Geology	35	04
Dr. Santosh Kumar	B.Sc., M.Sc. (Geography), M.Sc. (Geology) P.G. Diploma in Spectroscopy; Ph.D. in Geology from Banaras Hindu University Ph.D. in Geochemistry from Comenius Univ., Bratislava	Professor and Head	Igneous petrology and geo-chemistry	30	07
Dr. A. K. Sharma	M.Sc. (Geology), Roorkee University Ph.D. in (Geology), (Kumaun University), Nainital.	Professor	Engineering geology, Environmental geology, Hydro-geology	33	02
Dr. G. K. Sharma	M. Tech., (Applied Geology), Delhi University, Delhi Ph.D. In Applied Geology, Delhi University, Delhi.	Professor	Micropalaeontology, Oceanography, Strati-graphy.	26	05
Dr. P. D. Pant	M.Sc. (Geology), (Kumaun University), Nainital. Ph.D. in (Geology), Kumaun University), Nainital.	Professor	Structural geology, Neotectonics, Environmental geology	25	04

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Dr. Pradeep Goswami	M.Sc. (Geology), (Kumaun University), Nainital. Ph.D. in (Geology), (Kumaun University), Nainital.	Professor	Sediment-ology, Morpho-tectonics, Remote Sensing and GIS	18	03
Dr. Rajeev Upadhyay	M.Sc. (Geology), (Kumaun University), Nainital. Ph.D. in (Geology) (WIHG), Dehradun.	Professor	Geodynamics, Himalayan geology	22	07
Ms. Deepa Arya	M.Sc. Geology), (Kumaun University), Nainital.	Assistant Professor	Economic geology	04	Nil
Mr. Deepak Dayal	M.Sc. (Geology), (Kumaun University), Nainital. Ph.D. Submitted. in (Geology) (Kumaun University), Nainital.(2014).	Teaching Personnel (Contractual)	Micropalaeon-tology	01	Nil
Dr B S Kotlia	M.Sc. (Geology), (Kumaun University), Nainital. Ph.D. in (Geology) (Punjab University).	Research Scientist (Professor's Grade)	Vertebrate Palaeon-tology, Palaeo-climatology	32	06

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. R.C.Patel; Kurukshetra University
- Prof.A.K.Sinha; Delhi University
- Prof D.M.Banrejee; Delhi University
- Umesh K.Sharma,DST,New Delhi
- Partha Partim Chakroborty,Delhi University
- Dr. Rajesh Sharma WIHG,Dehradun
- Prof.David K.Nelson
- Dr.Anand K Pandey,NGRI, Hyderabad
- Prof.A.R.Bhattacharya, Lucknow University,
- Prof.M.Jaynanda,Bangalore University
- Dr.Dhruv sen Singh,Lucknow University
- Dr.M.Dayal,NGRI,Hyderabad
- Dr.K.S.Misra,GSI

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- Prof. R.Venkatochalapathy, Periyar University,Tamilnadu
- Prof.Devesh K.Sinha, Delhi University
- Prof.M.S.Sisodia,J.N.Vyas University,Jodhpur
- Prof. N.C.Pant, Delhi University
- Prof. Ajai Maglik, NGRI, Hyderabad
- Dr. R. N. Singh,
- Prof. Sunil Bajpai
- Prof. Deepak Srivastava
- Prof. Nibir Mandal

13. Percentage of classes taken by temporary faculty – programme-wise information

Programme Name	Contractual Faculty	Guest Faculty
B.Sc.	40%	-
M.Sc.	00%	15%

14. Programme-wise Student Teacher Ratio

- B.Sc. - 7:1
- M.Sc. - 4:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Technical/Administrative	Sanctioned	Filled	Actual
Technical			
(i) Technical Assistant	01	Vacant	01
(ii) Artist –cum–Draftsman	02	01	02
(iii) Lab bearer	Nil	Nil	Nil
(iv) Chowkidar/Mali	01	01	01
(v) Office Assistance	01	01	01
(vi) Driver	01	01(Daily Basis)	01
(vii) Peon	01	01	01
(viii) Thin Section Cutter	01	01	01
(ix) Safai-kar	01	01	01
(X) Lab Assistant	02	02	02
Administrative	Nil	Nil	Nil

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOLOGY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

16. Research thrust areas as recognized by major funding agencies

- Funded by national agencies:

Title of Research scheme	Principal Investigator	Amount of Funds (in Lakh Rs.)	Funding Agency
Seismic Network in Kumaun Himalaya	Prof. Charu C. Pant	185.00	MoES
Granite series evaluation along Kameng Corridor of Arunachal Himalaya in terms of magnetic susceptibility, ferromagnesian minerals, whole rock geochemistry and stable isotopes: Implication for petrogenesis and tectonic environment.	Prof. Santosh Kumar	12.05	DST
Mineralogy and geochemistry of mafic dyke rocks in Kumaun Lesser Himalaya.	Prof. Santosh Kumar	10.86	DST
Neogene Radiolarian Biostratigraphy and Paleooceanography of Leg 119 site 738 B, Southern Indian Ocean	Prof. G.K. Sharma	5.75	UCOST
Biochronology and decadal scale climatic changes in the Pliocene-Holocene deposits of Indian Himalaya using lakes and speleothems	Dr. B. S. Kotlia	2.25 / 5 years	UGC
Extreme climatic events in the last five thousand years in Uttarakhand Himalaya using speleothems (2010-2014)	Dr. B. S. Kotlia	20	ISRO-GBP
Geochemistry of Hydrous Ferromagnesian minerals from Mineralized and Barren Granitoids of Malanjkhand Region, Central India: Implication on Appraisal and Nature of Copper Deposit.	Ms. Deepa Arya	1.65	UGC
Redox Series Evaluation of granitoid Plutons of Meghalaya Plateau	Prof. Santosh Kumar	18.30	DST-SERB
Redox Series Evaluation of Bundelkhand Massif, central India	Prof. Santosh Kumar	7.85	UGC

- Funded by International agencies:

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOLOGY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration
b) International collaboration

Title of Research scheme	Principal Investigator	Amount of Funds (in Lakh Rs.)	Funding Agency
Monitoring the recent surface deformation in North India (Kumaun Himalaya & Ganga basin), using DInSAR and PSInSAR techniques. (Indo-Taiwan collaborative project	Prof. Pradeep Goswami	25 (On actual expenditure basis)	Jointly by DST, Delhi and NSC, TAIWAN
Monitoring the recent surface deformation in North India (Kumaun Himalaya & Ganga basin), using DInSAR and PSInSAR techniques.	Prof. Pradeep Goswami	Full-Satellite Support	European Space Agency
Monitoring surface deformation in western Himalaya, Uttarakhand state of India using PInSAR and SBLS techniques.	Prof. Pradeep Goswami	Full satellite support	European Space Agency
Tectonic evolution of Ladakh Arc	Prof. Rajeev Upadhyay	Full fieldwork logistic and travel support	Massachusetts Institute of Technology, USA
Characterisation of seismic cycles in Central Himalayan seismic gap using U/Th dating of deformed speleothems under Indo-Australian Project	Dr. B.S. Kotlia	20	Jointly by DST, Delhi and NSC, Australia
“Neogene Radiolaria from Antarctic Region”	Prof.G.K.Sharma	For Lab Analysis	Scirpps, University, California, U.S.A.
“Radiolaria , Diatoms and other Siliceous microfossil group from Indian Ocean”	Prof.G.K.Sharma	Under Discovery Program of IODP,U.S.	Jointly by U.S. and BSIP, Lucknow.
Field work in Ladakah Region	Prof.P.D.Pant	Field Work	MIT,USA

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19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- DST-FIST Level I (2009-2013) - Rs. 69, 200, 00=00, grants received.
- DST-FIST Level II (2014-2019) - Rs.1, 32, 00,000=00, grants received.
- UGC-CAS Phase I ((2011-2016) -Rs.1, 800, 0000=00, grants received.

20. Research facility / centre with

• State recognition	AAS and Thin Section Laboratory
• National recognition	NA
• International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	31/40
• Monographs	NA
• Chapters in Books	11
• Edited Books	05
• Books with ISBN with details of publishers	05
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	2400
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0.5 to 2.7/150
• h-index	35

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

- Free of cost consultancy on environmental geology and disaster management to the state government agencies.

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25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- i. Prof. C.C. Pant
 - Tronso University, Norway, 2010-11.
 - Visit to North Pole, 2010-11.
- ii. Prof. Santosh Kumar
 - Institute of Geology and Geophysics, Chinese Academy of Science, Beijing, Visiting Scientist, 2009.
 - Invited talk and Chairing Session, 27 Himalayan-Karakoram Tibet (HKT-27 Workshop, Beijing, 2009.
 - Visiting Scientist, SHRIMP Centre, KBSI, Korea, 2011.
 - Invited talk, VII-Hutton Symposium, Spain, 2011.
 - Visiting Scientist, Hiroshima University, INSA-JSPS, 2012.
 - Invited Talk and Chairing the Session, 29 HKT at Lucca, Italy, 2014.
- iii. Prof. G. K. Sharma
 - Invited talk and Chairing Session on Cenozoic Radiolaria, Nanjing University, China. 2011.
 - Invited talk and Chairing Session Interrad-2010 , Austria.
- iv. Prof. B. S. Kotliya
 - Visiting Professor, Freie University, Berlin, Germany (for lake and cave researches in Indian Himalaya), one month, 2014
 - Guest Scientist, Heidelberg Academy of Sciences, Heidelberg, Germany (for high resolution cave research in Indian Himalaya), one month, 2012.
 - Guest Scientist, Heidelberg Academy of Sciences, Heidelberg, Germany (for high resolution cave research in Indian Himalaya), one month. 2011.
 - Guest Scientist, Heidelberg Academy of Sciences, Heidelberg, Germany (for high resolution cave research in Indian Himalaya), one month each, 2010.
 - CAS-TWAS Visiting Scholar fellowship (for cave research in Indian Himalaya), Beijing (not availed), three months, 2009.

26. Faculty serving in

a) National committees :

- i. Prof. C.C.Pant
 - Expert Member, Committee on Active Faults, MoES, New Delhi .
 - Expert Member of SAP Panel ,UGC,New Delhi.
- ii. Prof. Santosh Kumar
 - Life Member, Mineralogical Society of India.
 - Member, Advisory Editorial Board, Gondwana Geological Magazine, Nagpur,India.
 - Member ,Steering Committee, Earth Science Society, also publishing e-journals, text and reference book series in the field of earth sciences, Lucknow.
 - Member, Expert Panel, Programme Advisory Committee, Fast Track Young Scientist Scheme in Earth and Atmospheric Sciences, Sciences and Engineering Research Board, New Delhi.

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- Member, Committee on Applications of Geosciences to the Development of weaker Section of the society, Department of Science and Technology, Govt. of India.
 - Member ,Expert Panel ,Fund for Infrastructure in science and technology (FIST), Department of Science and Technology, Government of India.
 - Member, DST, Program Review Committee, National Centre for F-T. dating , Kurukshetra University.
 - Member, Indian Society of Applied Geochemists, Hyderabad, India.
 - Member, Indian Science Congress Association, Kolkata, India.
 - Fellow, Council of Geological Society of India, Bangalore, India.
 - Member, Assessment and Advisory Committee, UGC-SAP and CAS- in Jadhavpur University, Kolkata, Mohan Lal Sukhadia University, Udaipur, Utkal University, Bhubneswar, Rajasthan University, Jaipur, University of Delhi, Delhi and Mysore University, Mysore.
 - Member, Expert Committee, Major Research Project, UGC, Delhi
- iii. Prof. P.D.Pant**
- Secretary U-SET (2012- till date)
 - Joint Director (Science), Directorate R & E, Kumaun university (2012- till date)
 - Additional Comptroller of examination, Kumaun University (2010-2012)
 - Secretary, Central Himalayan Environment Association (CHEA), (2009- till date)
 - Secretary Kumaun University Teacher's Association (KUTA) (2009- 2011)
 - Assistant Proctor, DSB Campus (2003-2010)
 - Assistant DSW, DSB CAMPUS (1999- 2002 and 2011)
- iv. Prof. B.S.Kotliya**
- Vice President, Humboldt House of Uttarakhand.
 - Co-Coordinator, Uttarakhand Centre on Climate change, Kumaun University, Nainital.

b) International committees:

- i. Prof. Santosh Kumar**
- Member ,IAVCEI(International Association of Volcanology and Chemistry of Earth's Interior) Commission on Granite and Related Rocks ,UMCP, Maryland, USA.
 - Fellow, International Association of Gondwana Research, Osaka, Japan.

c) Editorial Boards

NA

d) Other programs:

- i. Prof. C.C.Pant**
- IGCP-261 Member.

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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Refresher Courses Organized on Earth and Environmental Sciences on 1-21 September, 2011 and 1-21 August 2013 in Academic Staff College (ASC-UGC), Kumaun University, Nainital (Course Coordinator: Professor Santosh Kumar)

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 45%
- percentage of students doing projects in collaboration with other universities / industry / institute 30%

29. Awards / recognitions received at the national and international level by

- **Faculty**
 - i. **Professor C. C. Pant:**
 - a. Turkish Govt. Fellowship, 1985
 - b. Russian Academy of Science Visiting Fellowship, 1989
 - c. SERC, DST Visiting Fellowship, 1995
 - d. Japan Society for Promotion of Science, Tokyo, Fellowship, 1998
 - e. Member IGCP Project 261.
 - f. Fellow, Geological Society of India, Bangalore.
 - g. Secretary, Central Himalayan Environment Association (CHEA), Nainital, India.
 - h. Member, International Expedition to North Pole 2008.
 - i. Worked at Nanometrics facility at Ottawa, Canada 2003.
 - j. 10. Fellow of various Societies and Institutions.
 - ii. **Professor Santosh Kumar:**
 - a. Registered in National Register as a Scientist trained from abroad (IA-26396/92-NR) maintained by Human Resource Development Group of CSIR, New Delhi.
 - b. Czechoslovakian Government Scholarship for three-years to pursue Ph.D. course in the Department of Geochemistry, Faculty of Natural Sciences, Comenius University, Bratislava, sponsored by Ministry of Human Resource Development, Govt. of India
 - c. Member, IAVCEI (International Association of Volcanology and Chemistry of Earths' Interior) Commission on Granite and Related Rocks, UMCP, Maryland, USA.
 - d. Member, Indian Society of Applied Geochemists, Hyderabad, India.
 - e. Fellow, Council of Geological Society of India, Bangalore, India.
 - f. Member, Indian Science Congress Association, Kolkata, India.
 - g. Fellow, International Association of Gondwana Research, Osaka, Japan.
 - h. Life Member, Mineralogical Society of India, Mysore, India.
 - i. Member, Advisory Editorial Board, Gondwana Geological Magazine, Nagpur, India
 - j. Visiting Senior Scientist under INSA-JSPS 2002-2003 Fellowship, Yamagata University,

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- k. Best Paper Award on Malanjkhand Granitoids during 7th SAAEG (India Chapter) Convention held at Nagpur, India 2005. (Jointly with V. Rino).
- l. Member, Steering Committee, Earth Science Society, also publishing e-journals, text and reference book series in the field of earth sciences, Lucknow.
- m. Member, Expert Panel for Fast Track Young Scientist Scheme, Department of Science and Technology, Government of India, New Delhi. (2008-2012, 2012-2015)
- n. Member, Committee on Applications of Geosciences to the Development of Weaker Section of the Society, Department of Science and Technology, Govt. of India.
- o. JGSI-BP Radhakrishna Best Paper Award 2011, Geological Society of India, Bangalore.
- p. Sahni Memorial Honour-2011 for the contribution in the field of Environmental Geochemistry.
- q. Utrakhand Ratan-2012 for the contribution in the academic, societal and extension programme.
- r. Senior Visiting Scientist at Chinese Academy of Sciences, Beijing China during 2009 for conducting U-Pb-Hf-isotopic studies using Laser-Ablation Induced coupled Plasma Mass Spectroscopy
- s. Senior Visiting Scientist at Korean Basic Science Institute, Ochang Campus, Chungbuk, South Korea during 2011 for Sensitive High Resolution Ion Micro Probe (SHRIMP) U-Pb dating of zircons.
- t. Senior Visiting Scientists under INSA-JSPS bilateral academic exchange programme during 2012 at Hiroshima and Osaka Universities, Japan for Sensitive High Resolution Ion Micro Probe (SHRIMP) U-Pb dating of zircons.
- u. Invited Speaker in VII Hutton Meeting on granites and related rocks held at University of Grenada, Spain in the year 2011.
- v. Coordinator, Refresher Courses on Earth and Environmental Science, Academic Staff College (ASC-UGC), Kumaun University, Nainital. (1-21 September 2011, 1-21 August 2013)

iii. **Prof. A. K. Sharma**

- a. Associate of the Leadership in Environment and Development (LEAD INTERNATIONAL)-An off shoot of the Rockefeller Foundation USA.
- b. Life Member, Indian Society of Engineering Geology, GSI India
- c. Life Member, Central Himalayan Environment Association (CHEA), Nainital, India.

iv. **Prof. G. K. Sharma**

- a. MIF, Japan Fellowship 1995
- b. Fellow of Geological Society of India (FGS), Bangalore.
- c. Fellow of Palaeontological Society of India, Bangalore.
- d. Member of ISEKM, Austria
- e. Member of ODP, USA
- f. Executive Member of IODP
- g. Executive Member of Journal Of PSI.

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v. Prof. P. D. Pant

- a. Fellow of Geological Society of India (FGS), Bangalore.
- b. Life member of Central Himalayan Environment Association (CHEA), Nainital
- c. Joint Director, Research and Extension, Kumaun university, Nainital
- d. Member Secretary, U-SET

vi. Prof. Pradeep Goswami

- a. Member of International Geological Expedition to North Pole (2008).
- b. Visiting Scientist at National Central University, Taiwan (2011, 2012, 2013)
- c. Visiting Scientist at Prince of Songkla University, Thailand (2012)
- d. Visiting Scientist at Abdus Salam International Centre of Theoretical Physics, Italy (2013)
- e. Invited Speaker at 34th Asian Conference on Remote Sensing at Bali, Indonesia (2013).
- f. Invited Speaker at International Seminar 2013, Centre for Space and Remote Sensing Research, NCU, Taiwan (2013).
- g. Invited Speaker at Ayuthya Rajabhat University, Bangkok (2012)
- h. Member of various international/national delegations of the Government of Uttarakhand (2001-2002).
- i. Master Trainer (Disaster Management) of the Department of Personnel and Training, Govt. of India.
- j. Guest Faculty of the Academy of Administration, Nainital
- k. Fellow of the Indian Association of Sedimentologists
- l. Life Member of Indian Society of Remote Sensing
- m. Life Member of Indian Society of Seismology
- n. Life Member of Palaeontological Society of India
- o. Life Member of Central Himalayan Environment Association (CHEA), Nainital

vii. Prof. Rajeev Upadhyay:

- a. Alexander von Humboldt Fellow (AvH), Germany.
- b. Post-Doctoral Fellow of Swiss Government under Federal Commission of Scholarship Programme at the Institute of Geology, ETH, Zurich Switzerland
- c. Nonpaying member of International Geological Correlation Programme (IGCP 321) on Gondwana dispersion and Asian accretion (1992-1996).
- d. Fellow of Geological Society of India (FGS), Bangalore, India.
- e. Geologist member of the "Gondwanaland Expedition-2006"
- f. Life member of Central Himalayan Environment Association (CHEA), Nainital
- g. Life member of "PAHAR".
- h. Associate Member of the IMF.
- i. Visiting Scientist at Tokyo Institute of Technology, Japan (2011)
- j. Life Member SWISSNEX
- k. Life Member of Indian Society of Structural Geology and Tectonics
- l. Life Member Indian Society of Seismology, Ahmedabad
- m. Acharya Narendra Dev Samman by Acharya Narendra Dev Shiksha Nidhi for outstanding contribution in Education.

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viii. Dr. B. S. Kotlia:

- a. Alexander von Humboldt Fellowship by the German Govt. at Bonn University, Germany (1988-1990), 1988-1999, 2003, 2005.
- b. Certificate of Achievement in Quaternary Geology awarded by 13th INQUA and Peking University, China (1991).
- c. INSA Visiting Fellowship awarded by Indian National Science Academy, New Delhi (1993).
- d. Awarded "Deputation of Scientists' abroad" under INSA-Polish Academy of Sciences Exchange Programme to visit Poland (1994).
- e. Earthwatch Education Award, Oxford (1994).
- f. Acharya Narendra Dev Medal by U.P. Shiksha Nidhi for outstanding contribution in Earth Sciences (1995).
- g. Humboldt Fellowship-revisit, awarded by the Humboldt Foundation, Germany (1997-1998).
- h. Awarded "Deputation of Scientists' abroad" under INSA-Nepal Royal Academy of Sciences Exchange Programme to visit Nepal (1999).
- i. Indian Leader of International Humboldt project (2009-2012)
- j. Visiting Scientist at Heidelberg Academy of Sciences, Heidelberg, Germany (2008, 2010, 2011, 2012)
- k. Visiting Scientist at Shinshu University, Japan
- l. CAS-TWAS Visiting Scholar fellowship to China (2009; not availed).

ix. Ms. Deepa Arya:

- a. CSIR- NET (Lectureship) & CSIR-NET- JRF (2009)
- b. UPSC GSI Qualified in (2010)
- c. Fellow of Ministry of Human Resource Development at IITR (2009-2010)
- d. CSIR-NET Junior Research Fellow at IITB (2010)
- e. Also pursuing Ph.D. programme in the field of economic geology.

• Doctoral/Postdoctoral fellows:

- i. **Dr. L.M. Joshi** was awarded Young Scientist Fast Track project by SERB New Delhi (2013-2016)
- ii. **Tanuja Deopa and Manisha Sanguri** have been awarded the RFSMS fellowship of the UGC, New Delhi
- iii. **Manisha Sanguri** was awarded *Young Scientist Award* for presenting a paper in 7th USSTC during 21-23 Nov 2012.

• Students

NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

• International Conference:

- o Title- "Magmatism, Tectonism and Mineralization (MTM-2014)". During 27-29 March, 2014.
- o **Source of funding** : DST, CSIR, ONGC, UGC, IAGR

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- Key Persons:

- o Dilip Saha - o D.B.Malpe - o Ashima Shika - o K.S.Misra - o Kh Mohan Singh - o Naresh Kochhar - o S.K.Acharaya - o S.K.Bhushan - o M. Deb - o Surendra P.Verma - o Ashish N Dongre - o T.R.K.Chetty - o Aniket Chakrobarty	- o O.P.Pandey - o Milan Kohut - o Ram S.Sharma - o Sumit Kumar Mitra - o Tarun C. Khanna - o S.Mohanty - o Sriparana saha - o N.Siva siddaiah - o H.N.Bhattacharay a - o S.Sinha-Roy - o B.R.arora - o K.V. Wilbert	- Kehelpannala - o Neeraj Mathur - o A.K.Jain - o Hakim Rai - o H.C.Tiwari - o Rajesh sharma - o V.C.thakur - o N Janardhana Raju - o N.R.Muniratanam - o P.K.Mukherjee - o V. Balam

- National Conferences:

- o Title- "Geology and geo-resources of Himalaya and cratonic regions of India." during 10-12th March 2012.
- o Source of funding: UGC,CSIR,ONGC,DST,UCOST

31. Code of ethics for research followed by the departments

- The department strictly follows all the codes of ethics for research.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. 2009	80	11	9	90	90
B.Sc. 2010	85	9	11	90	90
B.Sc. 2011	95	13	17	90	90
B.Sc. 2012	100	11	19	90	90
B.Sc. 2013	115	12	18	90	90
M.Sc. 2009	25	4	6	100	100
M.Sc. 2010	25	5	5	100	100
M.Sc. 2011	35	7	8	100	100
M.Sc. 2012	40	6	9	100	100
M.Sc. 2013	40	7	8	100	100
Ph.D. 2009-2013	35	14	15	-	-

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33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Sc.	90	05	05	Nil
M.Sc. Geology	70	05	25	NIL
Ph.D.	70	05	25	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

• JRF NET	25
• NET, LS	15
• SRF, CSIR	02
• GATE	10
• U-SET	06
• UPSC GEOLOGIST(GSI)	25
• UPSC Geophysicist	01
• ONGC	08
• PWD	01
• THDC	01
• Irrigation Department(U.P.)	01
• MSPL	01
• ISRI	01
• AMD	01
• MECL	01
• Assistant Professor	03
• Scientist	02
• CGWB	01
• State Disaster Management Cell	02
• Private Sector	10

35. Student progression

Student progression	Percentage against enrolled
UG to PG	70%
PG to M.Phil.	NA
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	20%
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	85%
Entrepreneurs	NA

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36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	45%
from other universities within the State	10%
from universities from other States	35%
from universities outside the country	10%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

- (a) Library: YES , 10,000 No. of Books in Library:
 (b) Internet facilities for staff and students : Yes (Wi-Fi and LAN)
 (c) (c) Total number of class rooms : 04
 (d) Class rooms with ICT facility: 04
 (e) Students' laboratories : 04
 (f) Research laboratories : 09

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- | | | |
|---------------------------|---------------------|--------------------------|
| i. Dr. Vivekanand Pathak | viii. Tanuja Deopa | xvi. Manohar Singh |
| ii. Dr. Lalit Mohan Joshi | ix. Vandana Khampa | xvii. Gajinder Singh |
| iii. Deepak Dayal | x. Anup Kumar Singh | xviii. Vivek Maurya |
| iv. Alpana Hyanki | xi. Deepti | xix. Yashu Joshi |
| v. Sita Bora | xii. Laxman Singh | xx. Priya Joshi |
| vi. Sheetal Kannoja | xiii. Gunjan Arya | xxi. Yogesh Adhikari |
| vii. Manisha Sanguri | xiv. Deepak Pant | xxii. Sunita Kholia |
| | xv. Hansa Joshi | xxiii. Kriekethozo Chale |
- b) from other institutions/universities
- | | | |
|---------------------|-------------------------|------------------|
| i. N.K. Vema | iv. Mohit Kumar | vii. Anup Mishra |
| ii. Manoj Baruah | v. Wonjano Mojhuli | |
| iii. Harshita Joshi | vi. Christabel Soraisam | |

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Through discussions with academicians and job providers in the country.

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42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
Yes, suggestions were fully incorporated
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
Department considers the suggestion and always try to incorporate and utilize the feedback
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? YES
Time to time the Department gets feedback from the alumni and utilize the feedback for academic programs

43. List the distinguished alumni of the department (maximum 10)

- a. Prof. Kanchan Pande (SS Bhatnagar Awardee)
- b. Prof. L.S. Chamyal (National Geoscience Award, FNASc)
- c. Sri N.S. Samant (IAS)
- d. Sri Manoj Pant (IAS)
- e. Sri Bhaskar Patni (GM-Geology, NHPC)
- f. Dr. Meera Tewari (Scientist-G, WIHG Dehradun)
- g. Sri Garkhal (Director, GSI, Jaipur)
- h. Sri Deep Chandra Pant (AGM, ONGC)
- i. Sri Nandan Verma (AGM ONGC)
- j. Sri Gautam Dixit (AGM, ONGC)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Extension Lectures by emirates Professor and Scientists under UGC –CAS Program.
- Plenary Lectures on Earth Science Day.
 - a. Prof. Ram Sagar, 2013.(ARIES, Nainital)
 - b. 2.Dr.Ajay Manglik,2014.(NGRI, Hyderabad)
- ATKINS, 2013 AND YUGA,2014 : Geology Galaxia:
 - a. Power Point Presentation
 - b. Poster Presentation
 - c. Quiz
 - d. Extempore
- Organized Summer Internship Programs.

45. List the teaching methods adopted by the faculty for different programmes.

- Black board as well as digital teaching aids are used. Help from the following: teaching material is used:

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- a. Textbooks
- b. Research Journals
- c. Internet
- d. E-learning modules
- e. Field work
- f. Laboratory data generation and their interpretation
- g. OER/Khan Academy

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Meeting of Departmental council on regular basis.
- Discussions by faculty members at the time of tea almost on all working days.
- The faculty members often meet as well as interact with the students, nominated experts of various programmes and members of the BOS, RDC and Academic Council of the University.

47. Highlight the participation of students and faculty in extension activities.

- Field training program in hilly and foreland regions of Himalaya.
- Field worked program in the cratonic and central part of India.
- Visit of National Laboratories such as NGRI, Hyderabad, PRL, Ahmedabad, IIG, Mumbai, Ahmedabad, and WIHG, Dehradun.
- Mapping of land slide hazard zones in Badrinath and Kedarnath valley under mode of NRDMS, DST.
- Time to time various field related extension activities are organized to make aware the students about various Institutes of Geology in India, visits to different mines and beneficiation plants etc.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Outreach programs for school students of Kumaun region under C.N.R.Rao Hall of Science program.
- Science camps for 10+2 Science students under DST Inspire program.
- Faculty members of the department are engaged in delivering special lectures, reviewers of various national and international journals, members of various national and international academic committees, judges in various functions etc.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- Yes, Under UGC-CAS_ phase -1, Program.
- During the last three years the department has got the excellent rating by the advisory committee.
- ISO-9001- 2008 certified department along with the university.

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50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Extensive research carried out by the faculty members of the department has led to many new discoveries as well as substantially contributed to the understanding of the geology of various parts of the country.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - o Active and talented students.
 - o Well qualified faculty
 - o Active research group in Himalaya and cratons.
 - o National and international collaborations
 - o Excellent placement record
 - o National and international recognition
- **Weaknesses:**
 - o Less number of faculty
 - o Limited space
 - o Less number of technical staff
 - o Lack of research journals
 - o Lack of funds for field work, laboratory etc.
- **Opportunities:**
 - o Could become internationally recognized centre of Himalayan Geology and study related to the climate change.
- **Challenges:**
 - o Maintain the existing programs and publication record in the journals of high repute
 - o Maintain the excellent placement record
 - o Keep pace with the contemporary academic advances in the world of Geology.

52. Future plans of the department.

The Department of Geology of Kumaun University aims at studies for understanding and development of natural environment and at pursuing research relevant to the needs of the people, particularly of the mountains. The Department endeavours to make its students intelligently aware of the various problems of geology, develop in them observational and interpretational abilities, and inculcate a feeling for the maintenance and improvement of our natural environment. These goals we propose to achieve through the following phase-wise programme of the Department.

New courses proposed to be introduced :

(I) One year P.G. Diploma in GIS and Remote Sensing

Applications of remote sensing and Geographic Information System (GIS) technologies in geology have been increasing at a very fast rate over the past two decades. These technologies have proved their advantages in the field of geo-hazard, earth resources and water resources as also in the domains of engineering geology, tectonics, geomorphology and structural geology.

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To keep pace with the technological advances and contemporary trends of research activities in the field of geology it is essential to make the remote sensing and GIS technology an integral part of the Undergraduate and Postgraduate curricula of geology. Also, the increasing demand of remote sensing and GIS professionals, with earth science background, in the national and international job market calls for the introduction of a P.G. diploma course in remote sensing and GIS applications. At the same time, the advantages of the remote sensing and GIS technologies should be optimally utilized for better planning the strategy of development in Uttarakhand so that the delicate environmental balance of the state is not disturbed. The project based work of the trainees would help the state to (i) further develop and strengthen the existing remote sensing and GIS laboratory of the department, (ii) carry out the landslide and earthquake hazard zonation of the entire state of Uttarakhand, (iii) compute capability analysis for various development/ land use activities in the state followed by delineation of areas undergoing severe threat of mass wasting for detailed environmental monitoring.

(II) One year P.G. Diploma in Environmental Geology

The Himalayan mountain ranges constitute one of the most geo-dynamically active regions of the world. The earthquakes of the medium and large magnitude recorded to lie along a relatively narrow belt, about 50 km wide along MBT and MCT, with the majority of these events concentrated just south of MCT. This belt within the Kumaun Himalaya, which is thickly populated, is experiencing landslides and associated types of slope failure such as soil and rock creep and ground subsidence. It is felt that a failure to recognize, during planning and development, hazard zoning as a paramount importance in environmental management has resulted in alarming destruction of the region. Hence, environmental studies for hazard zoning and land use planning for sustainable development of the region calls for immediate and urgent attention. A one year diploma in Mass movement and watershed management is proposed.

(III) One year P.G. Diploma in Watershed Management

The Himalayan watersheds are under severe threat of accelerated erosion and slope failure is responsible for loss of productivity of agricultural lands, disruption of transportation routes and recharging of ground water etc. The slope failure and erosion in the Himalayan watersheds have greatly increased as a result of increase in population and related activities in recent years and are causing considerable damages to mankind. Extensive cutting and lopping of trees and grazing in forests have increased the environmental deterioration. The results are severe mass movements and hydrological imbalance in most of the watersheds of Uttarakhand region. The introduction of one year diploma course would help to the individual for undertaking the above problems in a scientific way for effective management.

(IV) One year P.G. Diploma in Applied Sedimentology

The sediments and sedimentary rocks are of particular economic importance owing to their ore, oil & gas and underground water reserves as also to the quality building materials. A thorough knowledge of sedimentology is must to understand the evolution of the earth and life on it. Proper understanding of various depositional environments and processes therein help reconstruct not only the palaeo-environment of a region but also document various climatic and tectonic events through time and space. This has got a major role to play in forecasting future climate and seismo-tectonic events as also in locating groundwater and oil & gas reserves. In recently changing trends in the field of geology, site selection for groundwater exploration & harvesting and long term forecasting of climatic and seismo-tectonic events has been the major responsibilities of geologists. A one-year post-graduate diploma in Applied

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Sedimentology is, hence, proposed to be introduced in the department. The objective of the proposed diploma course is to produce trained manpower to answer contemporary practical issues in the field of sedimentology. The curricula of the proposed course would include the basics of sedimentology and various state-of-art, application specific techniques of sedimentological investigations

(V) One year P.G. Diploma in Mineral Exploration and Environmental Geochemistry

The Uttaraanchal Himalaya is constituted by variety of lithounits (igneous, metamorphic and sedimentary rocks), weathered crust and soil profiles (*in situ* and transported) in addition to other natural resources such as biomass atmospheric precipitations etc. There are many river systems that drain into Himalayan foreland basin, and lake system commonly developed in micro-watershed region of young, active Himalaya. Thus the Himalayan region is enriched by plenty of mineral, land and water resources. Human mass of the region mostly survives on these natural resources, which have not yet been properly evaluated in terms of exploration exploitation, and conservation. Indeed it is objectively difficult to protect and conserve the environment due to excessive demand and development of human need. Nevertheless the available natural resources of Uttaraanchal Himalaya can be evaluated once geochemistry near surface and deep geological environment is properly evaluated. Obviously the geochemical database thus generated can be effectively utilized in combination with other geological, geophysical, geotechnical and biological information database for proper implementation of rural and urban developmental programs of the region. The course would help to sample the representative rocks including the ores, sediments, soils, weathered crust, water (spring, lake waters etc.) from the regions of each grids, and interpret the mineral and whole rock database, and to prepare the geochemical map of environmental and genetic significance.

(VI) One year P.G. Diploma in Himalayan Geology

The course would help in understanding the deformational pattern and history of the Himalayan arc. The detailed; kinematics and strain analysis of shear zones, and tectonic studies of regional thrusts and faults in crucial sectors of Kumaun Himalaya would be out using modern methods and techniques. The Kumaun Himalaya lying in the Central sector of Himalayan mountains is geodynamically and seismotectonically one of the very crucial sectors of the entire mountain arc. The large-scale tectonic structure of this sector is widely characterized by shear zones of thrust faults, which have brought up highly tectonised rocks, i.e. mylonite and cataclasites from the deeper to shallower parts of the crust. These shear zones represent up-rooted far traveled thrust sheets with their roots at the base of the Higher Himalaya and deep thrust faults of considerable up-dip tectonic movements.

The schuppen zone at the base of Central Crystallines and Almora and Ramgarh nappes and their thrust zones, i.e. North and South Almora Thrusts (NAT & SAT = MT) and Ramgarh Thrust (RT) which played significant roles in tectonic evolution of the entire Himalaya, have been criss crossed by numerous faults, thrusts and shear zones, which have recorded vertical movements in the recent past, seem to be a crucial area for the thrust kinematics and strain analysis.

Geomorphic rejuvenation of the once mature terrain of the Lesser Himalaya, and development of landforms unique to the neotectonically active faults bear out the postulation that faulted blocks are spasmodically moving vertically as well as horizontally. Uplift, subsidence, deformation and displacement of lacustrine deposits, fluvial terraces and

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colluvium fans and cones of the faults zones demonstrate that the Almora and Ramgarh thrusts are quite active, and must have given tectonic rise in recent past.

Transverse (tear) faults are even more active, registering both horizontal (1-12 km) and vertical (30-300 m) movement in one single phase of episodic activity in the Kumaun Region. The Main Central Thrust (MCT) zone in Kumaun has been found to be neotectonically active, as borne out by deformation, displacement and uplift (39 - 103 m) of the Holocene landforms and spectacular drainage deflection. The aggregate of recurrent movement in the populous terrain of the Lesser Himalaya in the Quaternary period alone would be of the order of several hundred meters.

Significantly not all parts of the active faults have been registering movements at present. Quite many and large portions seem to be locked. The locked parts must be accumulating stresses, the release of which would certainly be accompanied by major earthquakes. Such locked portions can be identified and documented precisely by neotectonic and palaeoseismic investigations and installing microseismicity stations, tiltmeters and strainmeters etc. The active parts of such regional faults characterizing geomorphic rejuvenation can be identified by neotectonic investigations. These exercises will be collaborative venture and have become all the more necessary, in the view of many water resource development projects being carried out in Kumaun Himalaya. The continuing movements and movements likely to take place in near future would generate hazards of landslides or landsubsidence and of earthquakes. Incidences of these natural hazards endanger safety and stability of dams, bridges, buildings, public utility structures, roads and canals. It is, therefore, necessary that active faults and thrusts should be identified and precisely documented, and landslide and earthquake hazards-zone mapping is attempted.

The introduction of this course would help in developing large-scale modelling of structure, kinematics and strain analysis of the regional thrust tectonics. Structural and tectonic evolution of the early Precambrian rocks comprising the Almora and Ramgarh Nappes would bring out tectonic evolution of the highly tectonised rocks and associated thrust/shear zones and kinematics of the regional thrusts.

(VII) One year P.G. Diploma in Glaciology

Geomorphological and geological indications of climate change could be depicted by the imprint of climate on the form and fabric of the earth. The expression of climate in landforms and earth materials splits conveniently into a range of phenomena involving ice and those, which do not. The ice has had an extremely important role in molding the landscapes. All over the globe a complex sequence of deglaciation is recognized including ice-sheet re-advance, ice-dammed lake formation and multiple moraine stages.

Similarly, the diminishing snow and ice fields in the Himalaya (water tower of India) have a direct impact over the quantum of discharge in the melt water streams. With the glaciers on a continuous retreat, the scenario appears grim today. The retreating glaciers leave behind relicts, which are easily discernible both in the field and on satellite data, and, in turn, help in palaeogeographic reconstruction of the area. These glacio-geomorphic features are also indicative of the changing climatic scenario in the region.

The lofty Himalaya had a thick carpet of snow and ice fields. The valley glaciers had huge dimensions and some of the glaciers in the Uttarakhand Himalaya were almost three times their present dimensions. For example, Gangotri glacier must have been approximately 65-70 km long, comparable to present day Siachen glacier. Similar situation has been observed in other Himalayan glaciers. Therefore, it can be deduced that the Himalayan glaciers are on the retreat and they have been diminishing in their overall dimensions as also

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in their spatial extents and volume. There have been certain phases of reversal in between and the last 18,000 years of warming up has also been punctuated by a mini ice age in between. This overall trend of global warming has had a direct impact over the Himalayan glaciers and consequently upon the stored fresh water reserves, as also on the net discharge in the emanating river systems. The diminishing stored water reserves are a matter of perpetual concern to the society. The sustenance and optimum utilization of all hydro based engineering endeavours in the downstream are all dependent upon the availability of required amount of discharge in the Himalayan rivers.

The periodic advances and retreats of the glaciers, as also their overall reductions in volume have left behind distinctive relicts which are discernible with ease. These glacio-geomorphic features studied through conventional field methodologies and the newer techniques of aerial and satellite remote sensing help in reconstructing the palaeo-geographic and palaeo-climatic scenario of the area. The studies leading to the palaeo-geographic reconstruction of a glaciated basin are paramount in amassing useful information on the actual variations as also the trends of variations in the overall water budget in the area. Since these variations are a direct consequence of the climatic variations in the past, the palaeo-geographic reconstructions also lead to palaeo-climatic reconstruction. The glacio-geomorphic features are the key to the past and are the best proxy records of palaeo-climatic variations.

Knowing the societal importance of glaciological studies and their large occurrence in the Himalayan region, it is proposed to explore and undertake glaciological studies in the Uttaranchal Himalayan region. Therefore, a separate course within the framework of Quaternary Geology will be initiated at the Post-Graduate level.

(VIII) One year P.G. Diploma in Quaternary Geology

Non-ice related climatic proxies are the most important indicators of climatic change. There is a bewildering variety of possible climatic markers such as: the relict soil and palaeosols, Aeolian landforms and materials, lake deposits and fluvial systems.

The lake deposits are the most useful sources of information about palaeoclimate on land. This is for a number of reasons: (1) Chronologically tractable-accumulation of sediments provides a stratigraphic context which allows changes in climate to be examined in sequence and the lake sediments often contain datable materials; (2) Are amenable to palaeohydrological analysis and construction of lake water budgets; (3) Contain climatically sensitive and structures; (4) Shorelines indicate changes in lake level, volume changes can be calculated for closed basins and various hydrological parameters modeled to analyze level changes; (5) Lake deposits provide important information of the occurrence past earthquake or palaeoseismic events of a given region.

Globally, the palaeoclimatic and palaeolake studies have become a powerful tool to address several important problems posed by nature to the mankind. Knowing the fact that the Uttaranchal Himalayan region is also being witnessed since time immemorial. Therefore, it is proposed to prepare/aware the students towards the palaeoclimatic studies of the Quaternary times

Laboratories to be established:

Ultra-clean Lab

An ultra-clean laboratory, fully equipped for the preparation of samples for isotopic analysis of U, Th, Pb, Sm, Nd, Rb and Sr will be needed for research and developmental programs. Additional facilities including bombs and abraders for U-Pb zircon, titanite and

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monazite analyses are also needed. The laboratory will be able to analyze single grains less than 10 microgram.

TIMS - MAT 262 Mass Spectrometer:

The radiogenic isotope lab will require a **Finnigan MAT 262** solid source mass spectrometer. This instrument is proposed for the measurements of U, Th, Pb, Sm, Nd, Rb and Sr isotopic compositions. The machine provides the improved resolution and precision needed for U/Pb- and Pb/Pb-single grain zircon geochronology.

Sedimentology-Sample Preparation Laboratory

The lab will be equipped with two kinds of research grade microscope each for a specific function: (A) Two Leitz Wetzlar Ortholix microscope, one will be equipped with a Leitz Orthomat automatic 35 mm camera system for high-resolution photomicrography, in both plane and polarized light; (B) Two low-magnification binocular microscopes are needed for sample analyses and preparation; (C) Point counter for modal analyses.

The lab will also be equipped with high-speed centrifuge, convection warming oven, and precision balance, fume chamber, water bath, isodynamic separator, shaking table, sieving equipment, rock crushing, grinding and other facilities for heavy mineral analyses, feldspar and carbonate staining. Sample preparation and sturdy workbenches are also required along with a small fume chamber for chemical separation of heavy minerals.

The above-mentioned laboratories will be up-graded/modified from time to time.

Requirement for upgrade of the Department to introduce new courses/conduct the proposed research:

1. Teaching and Non-teaching staff

- (a) Teaching Faculty
 - Four Professor (one for each course)
 - Four Reader (One for each course)
 - Four Lecturer (one for each course)
- (b) Technical Personals
 - Four Technical-cum-Lab Assistant (one for each lab)
 - One System Manager
 - One Data entry operator
 - One Thin section Maker

2. Space Requirement

Four Teaching Rooms (One for each course)	Size 7m x 8m
Four Laboratory (One for each course)	Size 7m x 8m
Nineteen Rooms for teachers and technical staff	Size 3m x 3m

3. Library (Recurring)

Books	Rs. 3,00,000.00
Journals	Rs. 5,00,000.00
Royalty of the lease line for V SAT	Rs. 2,00,000.00

4. Equipments

1. V SAT	Rs. 8,00,000.00
2. Rock Triaxial Testing machine	Rs. 6,00,000.00
3. Lab Core cutting machine with Diamond corer with diamond bits of AX, NX and BX size	Rs. 1,50,000.00

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4. Archive of Multi-date satellite and aerial remote sensing data (Recurring)	Rs. 2,00,000.00
5. Computer hardware including A0 size colour scanner, one server, six workstations, A0 size colour plotter, 5KVA online UPS,	Rs. 25,00,000.00
6. Floating licenses each of GIS, Digital Image Processing and Photogrammetry	Rs. 50,00,000.00
7. Database software and database engine	Rs. 8,00,000.00
8. Geographical Positioning System	Rs. 5,00,000.00
9. Basic visual image interpretation equipments like light tables, planimeters etc.	Rs. 2,00,000.00
10. Automated thin section production system and accessories	Rs. 10,00,000.00

Phase-II.

1. Teaching and Non-teaching staff

(a) Teaching Faculty

Two Professor (One for each course)

Two Lecturer (One for each course)

(b) Technical Personals

Two Technical-cum-Lab Assistant

2. Space Requirement

Two Teaching Rooms (One for each course) Size 7m x 8m

Two Laboratory (One for each course) Size 7m x 8m

Six Rooms for teachers and staff Size 3m x 3m

3. Library (Recurring)

Books Rs. 5,00,000.00

Journals Rs. 10,00,000.00

Royalty of the lease line for V SAT Rs. 2,00,000.00

4. Equipments Required

1. Ultra Clean Laboratory	Rs. 50,00,000.00
2. TIMS - MAT 262 Mass Spectrometer	Rs. 1,00,00,000.00
3. Two Leitz Wetzlar Ortholix microscope	Rs. 20,00,000.00
4. Two low-magnification binocular microscopes	Rs. 10,00,000.00
5. Point counter for modal analyses	Rs. 1,00,000.00
6. High-speed centrifuge	Rs. 1,00,000.00
6. Convection warming oven and precision balance	Rs. 2,00,000.00
7. Fume chamber	Rs. 2,00,000.00
8. Water bath	Rs. 50,000.00
9. Isodynamic separator	Rs. 10,00,000.00
10. Shaking table	Rs. 50,000.00
11. Sieving equipment	Rs. 1,00,000.00
12. Rock crushing, grinding and polishing instruments	Rs. 8,00,000.00
13. Porosimeters and Permeameters	Rs. 2,00,000.00
14. Meteorological station-5 nos.	Rs. 10,00,000.00
15. Electron microprobe Analyser	Rs. 1,50,00,000.00
16. X-ray fluorescence unit with pressed powdered and glass-beads units	Rs. 60,00,000.00
17. Induced Coupled Plasma Mass Spectrometry (ICP-MS) unit	Rs. 80,00,000.00

Phase-III.

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1. Teaching and Non-teaching staff

(a) Teaching Faculty

Two Professors (One for each course)
Two Lecturers

(b) Technical Personals

Two Technical-cum-Lab Assistant

2. Space requirement

One Teaching Rooms	Size 7m x 8m
One Laboratory	Size 7m x 8m
Six Rooms for teachers and staff	Size 3m x 3m

3. Equipments

1. Hand-held corer/driller and accessories	Rs. 1,00,000.00
2. TL/OSL instrument and accessories	Rs. 10,00,000.00
3. C-14 dating instrument and accessories	Rs. 100,00,000.00
4. Magnetic susceptibility meter and accessories	Rs. 20,00,000.00
5. XRD and accessories	Rs. 50,00,000.00
6. Eh/Ph meter	Rs. 10,000.00
7. Satellite data	Rs. 5,00,000.00
8. Digital SLR cameras (Four) and accessories	Rs. 2,50,000.00

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1. Name of the Department

Department of Information Technology

2. Year of Establishment

2000

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG: B.Sc./B.Com./B.A. (I.T.)
- PG: M.Sc. I.T.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG - B.Sc./B.Com./B.A. (I.T.) - Annual
- PG - M.Sc. - Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	--	--	--
Associate Professors	--	--	--
Asst. Professors	--	--	--
Others	--	--	--

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
--	--	--	--	--	--

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- UG : 300:02
- PG : 40:02

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Number of academic support staff (technical)	Nil	Nil	Nil
Number of administrative staff	Nil	Nil	01 (contract – daily wages)

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

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20. Research facility / centre with

• State recognition	NA
• National recognition	NA
• International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	NA
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

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28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

- Code to be followed by faculty in their research endeavours:
- Code of ethics to be followed by research scholars in the department:
The following aspects are specially kept in mind:
 - (i) Falsification: falsification and plagiarism are to be avoided at any cost.
 - (ii) Promoting mutual respect, trust and fairness in collaborative work.
 - (iii) Instead of working under stress due to unfavourable conditions, faculty are encouraged to report and bring their grievances to the supervisor and the H.O.D., who maintain confidentiality in redressal.

32. Student profile programme-wise:

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2010-11					
M.Sc. I Semester	07	03	04	03(100%)	04 (100%)
M.Sc. II Semester	07	03	04	03(100%)	04(100%)
2011-12					
M.Sc. I Semester	25	09	14	09(100%)	14(100%)
M.Sc. II Semester	23	09	14	09(100%)	14(100%)
M. Sc. III semester	07	03	05	03(100%)	05(100%)
M. Sc. IV semester	07	03	05	03(100%)	05(100%)
2012-13					
M.Sc. I Semester	18	03	09	03(100%)	09(100%)
M. Sc. II semester	12	03	09	03(100%)	09(100%)
M.Sc. III semester	23	09	14	09(100%)	14(100%)
M. Sc. IV semester	23	09	14	09(100%)	14(100%)
2013-14					
M.Sc. I Semester	16	02	08	02(100%)	08(100%)
M. Sc. II semester	10	02	08	02(100%)	08(100%)
M.Sc. III semester	12	03	09	03(100%)	09(100%)
M. Sc. IV semester	12	03	09	03(100%)	09(100%)

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33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. Sc.	70% approx	20% approx	10% approx	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: NIL SET: NIL GATE: NIL

35. Student progression

Student progression	Percentage against enrolled
UG to PG	40-50% approx.
PG to M.Phil.	Nil
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	.
☐ Campus selection	NIL
☐ Other than campus recruitment	80% after M.Sc.
Entrepreneurs	Data not available

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100% (02/02)
from other universities within the State	NIL
from universities from other States	NIL
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

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38. Present details of departmental infrastructural facilities with regard to

a) Library:	The Department is having a well-equipped library with latest reference books as well as text books.
b) Internet facilities for staff and students:	Nil
c) Total number of class rooms:	ONE
d) Class rooms with ICT facility:	Nil
e) Student's laboratories:	ONE
f) Research laboratories:	Nil

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
• Deliberations during Departmental meetings: • Feedback from faculty on curriculum as well as teaching learning evaluation is obtained by deliberations in regular departmental meetings, group discussions, • held every quarter.	
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
• Feedback from students on staff, curriculum and teaching and learning.	
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- For UG Programmes: Traditional Method with chalk and Black Board.
- For PG & Ph. D Programmes: Traditional Methods with Marker and White Board as well as multimedia presentation.

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45. List the teaching methods adopted by the faculty for different programmes.

- With the help of FEEDBACK from students and general meetings/seminars of Faculty and Students.
- Observing the changes in syllabi of different examinations like NET and SET and of other elite institutions the course syllabi of the department are upgraded/ revised periodically.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

NA

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

i. Strengths:

- The department has good student strength, conducting courses for all Science, Arts and commerce students, which encourage a healthy interaction between diverse streams.
- A computer lab of 20 PCs, 2 printers and a projector is helpful to the P.G. students.

ii. Weaknesses:

- The biggest weakness is the adverse student-teacher ratio. The department has sanctioned strength of merely 2 faculty members to cater to the need of nearly 300 UG, 40 PG students.

iii. Challenges:

- More funds will help in improving the infrastructure of department – the library and the lab.

52. Future plans of the department.

- The vision of the department is to introduce newer course material at the P.G. level. Subsequently research work in newer fields can be taken up at the university campus as well as affiliated colleges.

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

1. Name of the Department

Department of Information Technology, S.S.J. Campus

2. Year of Establishment

2000

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG : B.Sc.
- PG : M.Sc.
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

One Year Advance Diploma in IT (Interested students were less than 20 in year 2010.)

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor			
Associate Professors			
Asst. Professors			
Others			

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Smt. Umang		Assistance Professor			

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- B.A./B.Sc./B.Com.= 133 : 1
- M.Sc. = 16:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Staff	Sanctioned	filled
Technical Staff (contract)	Nil	01
Office staff (contract)	Nil	01
Others	1	1

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

NA

b) International collaboration

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	04
• Monographs	NA
• Chapters in Books	01
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0.74
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees NA
- b) International committees NA
- c) Editorial Boards NA

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

- d) any other (please specify) NA
- Member of Uttarakhand School Education Council, Ramnagar, Nainital

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Two UGC refresher course in IT Applications was organized in Jul 2010 and another one in Dec. 2011.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 30% in UG ; 50% in PG
- percentage of students doing projects in collaboration with other universities / industry / institute 20% in research

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- KUINFO 2004

31. Code of ethics for research followed by the departments

- Honesty
- Responsible publication
- Respect for intellectual property

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.A./B.Sc. /B.Com.	-			-	-
M.Sc.	12	02	06	100	100
Ph.D. IT		01	01	-	-

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.A./B.Sc./B.Com	NA	NA	NA	NA
M.Sc.	100%	Nil	Nil	Nil
Ph.D.				Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NA

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Approx. 1%
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	
from other universities within the State	
from universities from other States	
from universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

TWO

38. Present details of departmental infrastructural facilities with regard to

a) Library	NIL
b) Internet facilities for staff and students	YES

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

c)	Total number of class rooms	01
d)	Class rooms with ICT facility	NIL
e)	Students' laboratories	UG & PG 01
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

o	from the host institution/university	01	Dr. Sumit Khulbe 2012	
o	from other institutions/universities	02		NA
•	Dr. Pritam Singh	2012		
•	Dr. M.M.S. Rauthan	2014		

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - o The department tries its best to overcome the problems traced out by the faculty members.
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - o We take necessary action to sort out the problems of the students.
- alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

• Lecture Methods	• Quizzes
• Lesson Methods	• Demonstration on Laboratories
• Group Discussion	• Presentation

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Class Test
- Quiz
- Assignment
- Internal Examination
- Tutorials etc.

47. Highlight the participation of students and faculty in extension activities.

- All Ph.D. Student and faculty members visit different research institute like G.B. Pant Environmental and Research Institute Kosi , Katarmal and Amarapali Institute Haldwani.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Qualified, experienced and dedicated teaching staff.
 - ii. Supporting technical and non-teaching staff.
 - iii. Talented and enthusiastic students.
 - iv. Capability to run various academic programmes.
 - v. Motivated working environment.
- **Weaknesses**
 - i. Poor infrastructure.
 - ii. No access of reputed journals.
 - iii. Limited working space and lacking basic facilities.
 - iv. Shortage of Lecture rooms
 - v. Lack of faculties
 - vi. Shortage of practical laboratories, Computers, Library

EVALUATIVE REPORT OF THE DEPARTMENT OF INFORMATION TECHNOLOGY, S.S.J. CAMPUS

- **Challenges**

- i. To shape the students with limited facilities.
- ii. To introduce Job oriented course programs
- iii. To coordinate with other units of the campus.
- iv. To endeavour for campus placement of M.Sc. students.

- **Opportunities**

- i. We support students to bring out their best.
- ii. We plan good level final year industrial projects of M.Sc. students.
- iii. We support other departments whenever needed.

52. Future plans of the department.

- To introduce short term job oriented programs like Networking, Computer Graphics and Artificial Intelligence.
- To start new courses in Current Trends and Technology for PG students.

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

1. Name of the Department

Geographic Information Science

2. Year of Establishment

2009

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- PG:

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	Nil	Nil	Nil
Associate Professors	Nil	Nil	Nil
Asst. Professors	02	02	Nil
Others	Nil	Nil	Nil

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali-fication	Desig-nation	Speciali-zation	No. of Years of Expe-rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. J.S. Rawat	M.A. PhD	Programme Coordinator	Geomorphology/ Hydrology/ GI Science/ Climate Change Science	33	
Dr. Manish Kumar	Master in Geography and Geoinformatic, PG Dip in RS & GIS, NET, PhD	Assistant Professor (Contractual Basis)	Application of GI Science in Land use/cover planning, Urban & Regional Planning etc.	05	Nil
Miss. Neha Rani	Master in Geographic Information Science	Assistant Professor (Contractual Basis)	Application of GI Science in Land use/cover planning, Network Analysis	03 Months	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Dr. Prathivish Nag, (Ex- Surveyor General of India and Ex Director, NATMO Kolkatta) Vice Chancellor, Mahatma Gandhi Kashi Vidyapeeth, Varanasi-221002, U.P.
- ii. Dr. P.S. Acharaya, Advisor and Scientist- G, NRDMS Division, Department of Science and Technology, Technology, Bhawan, New Mehrauli Road, New Delhi regarding the joint project of UCOST and Kumaun University.
- iii. Dr. M.M. Kimoti, Director, Uttarakhand Space Application Centre, 93/II, Vasant Vihar Dehradun (Uttarakhand).
- iv. Dr.S.P.S Khuswaha, Scientist SG and Head, Forestry and Ecology Division, IIRS Dehradun.
- v. Dr. P.K. Champati Ray, Scientist SG & Head, Geoscience & Geohazard Deptt., IIRS Dehradun, 4 Kalidas Road, Dehradun.
- vi. Dr. S. K. Srivastava, Scientist SG & Head, Geoinformatics Department, IIRS Dehradun, 4 Kalidas Road, Dehradun, Uttarakhand.
- vii. Dr. R.S. Hooda, Chief Scientist, HARSAC, Department of Science & Technology, C.C.S.H.A.U, Campus, Hissar.
- viii. Sri. H.B. Madhwal, (Ex-Director, Survey of India) 100/25, Mansarovar Colony Baleepur, Dehradun.
- ix. Dr. D.N. Pant, (Retd. Professor IIRS), 209/01, Mansarovar Colony Balupur, Dehradun-248001.
- x. Dr. C.S. Walia, Principal Scientist, National Bureau of Soil Science, ICAR, New Delhi.
- xi. Dr. Ram Mohan Rao, Scientist, 'SE' National Remote Sensing Agency, CRF Colony, Bala Nagar, Hyderabad, Andhra Pradesh.

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- xii. Dr. Afroj Ahmed, Director, Narmada Control Authority, Ministry of Water Resources, Indore (MP).
- xiii. Dr. R.C.S. Taragi, GIS Coordinator, Qatar (Middle East).
- xiv. Mr. C.M. Adhikari, GIS Engineer, ESRI, New Delhi.
- xv. Prof. D.D. Chauniyal, Department of Geography, H.N.B. Garhwal, Srinagar, Uttarakhand.
- xvi. Dr. Sadhana Jain, Scientist 'E', Urban and Regional Planning, IIRS Dehradun, 4 Kalidas Road, Dehradun.
- xvii. Dr. Ashutosh Bhardwaj, Scientist 'SE', Photogrammetry & Remote Sensing Department, Indian Institute of Remote Sensing, 4- Kalidas Road, Dehradun-248001.
- xviii. Prof. K.N.P. Raju, Department of Geography, Banaras Hindu University, Varanasi-5.
- xix. Dr. V.A.V. Raman, Associate Department of Geography, Shaheed Bhagat Singh College (University of Delhi), Sheikh Sarai-II, New Delhi-110017.
- xx. Dr. A.S. Jasrotia, Professor, Department of Geology, University of Jammu, Jammu.

13. Percentage of classes taken by temporary faculty – programme-wise information

20%

14. Programme-wise Student Teacher Ratio

Post Graduate: 1:15

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- i. Technical Assistant: 01
- ii. Office Superintendent: 01
- iii. Peon: 01

16. Research thrust areas as recognized by major funding agencies

- DST, UGC, and DOE.
- GIS, Remote Sensing, GPS and Computer Cartography- DST New Delhi provided funds for establishing these Laboratories for conducting Master's Degree Programme of Geographic Information Science.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

NA

20. Research facility / centre with

- State recognition NA
- National recognition
 - o GIS Lab- The GIS Lab consists of the following hardware and software: Hardware- Server-2, Workstations with LAN-20, GPS-30,DGPS-1, Colour Plotter A0 size.-1, Scanner A0 size -1, Printer A3 size-2, Lazier Printer-1, LCD Projector with motorized screen-2, Laptop-3, Palm Top-3, UPS 4KVA-1, UPS 5KV-1. Fax Machine. Software -Arc Info, Arc GIS, Arc Pad, Geomatica Prime 9, Map Source, GRAM++, Vec-Viewer, Oracle 9i, Oracle 10g Spatial, XML Spy, GML Viewer, Net Beans, DEGREE.
 - o RS Lab- The Remote Sensing Lab consists of the following hardware and software: Hardware- Server with Uttarakhand Geoportal-1, Workstations with LAN-30, UPS 5KVA; Software- Geomatica Prime 9, ERDAS Imagine 9.3 with LPS.
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	09
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute more than 100 students

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- i. National Seminar on GIS Education: National and International Status, organised jointly by UGC Academic Staff College Nainital and the COE NRDMS, Kumaun University, 30th November, 2013.
- ii. UGC Refresher Course on Geographic Information Science and Its Applications for University and College Teachers, organized by COE NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora. Almora, 12th Nov.to 2nd Dec. 2013.
- iii. National Seminar on Geographic Information Science: Opportunities and Challenges in 21st Century, Organised by NIIT University, Neemrana, Rajsthan and Kumaun University Nainital at the Centre of Excellence for NRDMS in Uttarakhand, Kumaun University SSJ Campus Almora, 1st May 2012.
- iv. Seven Day Training Workshop on Geographic Information Science and Technology for University/College Teachers, sponsored by the Uttarakhand Space Application Centre, Dehradun, organised at the Centre of Excellence for NRDMS in Uttarakhand, Kumaun University SSJ Campus Almora, 3-9 January 2011.
- v. UGC Refresher Course on Earth Sciences and Applications of GIS/Remote Sensing, organized by the NRDMS Centre, Kumaun University, SSJ Campua Almora, 14th

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

November - 3rd Dec. 2009.

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
PG	44	18	10	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	11	Nil	17	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET Exam: Thospe Medo
- Defense Services Exam Sanjeet Randawa

35. Student progression

Student progression		Percentage against enrolled
UG to PG		NA
PG to M.Phil.		NA
PG to Ph.D.		NA
Ph.D. to Post-Doctoral		NA
Employed		NA
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	04
from other universities within the State	NA
from universities from other States	01
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- 01 - Dr.Manish Kumar

38. Present details of departmental infrastructural facilities with regard to

- a) Library: Departmental Library for the PG Students consisting of 203 books
- b) Internet facilities for staff and students: Yes
- c) Total number of class rooms: 1 Seminar Hall
- d) Class rooms with ICT facility: NA
- e) Students' laboratories : 02 - GIS Lab & RS Lab
- f) Research laboratories : NA

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university NA
- b) from other institutions/universities NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - Based on the feedback given by the faculty on curriculum as well as teaching-learning-evaluation, the curriculum is modified through Board of Studies of Geographic Information Science.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

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43. List the distinguished alumni of the department (maximum 10)

- i. Mr. Dilli Ram Chettri, GIS Specialist, Urban Development and Housing Department, Government of Sikkim
- ii. Mr. Mahander, GIS Specialist, Urban Development and Housing Department, Government of Sikkim
- iii. Mr. Sabina, GIS Specialist, Urban Development and Housing Department, Government of Sikkim
- iv. Mr. Hemlata Rai, GIS Executive, Forest Department, Government of Sikkim, Sikkim
- v. Mr. Amrit, GIS Training Officer, Land Revenue & Disaster Management Department, Government of Sikkim, Sikkim
- vi. Mr. Amit Rana, GIS Senior Scientific Professional, Himachal Pradesh Forest Department, Shimla
- vii. Mr. Arjun Devli, GIS Engineer, JRF, Snow & Avalanche Study Establishment (SASE), DRDO, Chandigarh
- viii. Mr. Harsh Siral, GIS Team Leader, Podium Infotech Pvt. Ltd
- ix. Miss Poonam, Faculty of GIS & Remote Sensing, National Power Training Institute, Ministry of Power, Faridabad
- x. Mr. Navneet Gahlaut, GIS Analyst, C.O.E. NRDMS, Kumaun University, U.K.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- During the reported period the Department through its COE NRDMS organised workshops and Seminars

45. List the teaching methods adopted by the faculty for different programmes.

- i. Through practical training to the PG Students on the various applications of GI Science, i.e., Remote sensing, GIS, DGPS, GPS, Computer Cartography;
- ii. Conducting Seminars Class wise;
- iii. Through Projects Dissertations in various Nationally/internationally renowned institutions/companies;
- iv. Through Assignments.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Through continuous monitoring of P.G. students seminars, term paper field/lab activities the Research, Workshop and other interactive methods.

47. Highlight the participation of students and faculty in extension activities.

- Participation in Workshops, Seminars,
- Frequent Departmental meetings.

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

48. Give details of “beyond syllabus scholarly activities” of the department.

- Project participation and placement of PG students in various Nationally/internationally renowned institutions/companies.
- Celebration of GIS Day in the Department.
- Participation in MANU Programme of DST Government of India.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The Department has contributed basic knowledge and applications of GI Science in by publishing research papers in various International Journals such as -International Journal of Geomatics and Geosciences; International Journal of Advanced Remote Sensing and GIS; Bulletin of Environment and Scientific Research; Egyptian Journal Remote Sensing and Space Science; Asian Journal of Geoinformatics etc

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. Job oriented programme;
 - ii. PG students are getting Stipend during Internship;
 - iii. Hi-Tech GIS and Remote Sensing Lab;
 - iv. The programme is equipped with DGPS, GPS and stereoscope instrument
 - v. Favourable teaching and learning environment,
 - vi. Qualified teaching as well as non-teaching staff,
 - vii. Student of this programme belong to 10 different states.
 - viii. Different social and cultural background of students.
- **Weaknesses**
 - i. Lack of Building to run the programme smoothly (presently using Geography Department building);
 - ii. Lack of permanent teaching faculty
 - iii. Lack of Building to develop hi-tech GIS/RS/GPS Laboratories.
 - iv. Lack Smart Class Rooms,
 - v. Frequent interruption in lab work due to power failure and lack of Centralised Power Generator facility in the campus.
 - vi. Lack of complete faculty.
 - vii. No annual grant to meet out books/journal, equipments and contingent expenses of the programme. The programme is totally based on Self finance mode.
- **Opportunities:**
 - i. For Researchers: to conduct advanced research in Geographic Information Science and its Applications.
 - ii. For other Departments – to use the technologies of Geographic Information Science

EVALUATIVE REPORT OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION SCIENCE, S.S.J. CAMPUS

- in physical, biological, environmental and social sciences.
- iii. For Students -to develop professional carrier in GIS in Corporate Sectors.
- iv. For State/Federal Governments- to develop “g” Governance”.

- **Challenges:**

- i. Development of better infrastructure facilities ;
- ii. Take into account of social, cultural, economical and other diversities of students.
- iii. Development of better methods of imparting higher grade education.
- iv. Implementation of innovative ideas.

52. Future plans of the department.

- i. To Develop National Centre on Geographic Information Science
- ii. To start Diploma in Geographic Information Science.
- iii. To start UG Programme in Geographic Information Science.
- iv. To start Ph.D Programme in Geographic Information Science
- v. To start training programme in GIS Development and its Applications

EVALUATIVE REPORT OF THE DEPARTMENT OF MATHEMATICS, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Mathematics

2. Year of Establishment

1973

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG: B. Sc
- PG: M. Sc
- Doctoral: Ph. D., D.Sc.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG (B. Sc)- Annual
- PG (M. Sc)- Semester
- Pre Ph. D. Course work - Semester

9. Participation of the department in the courses offered by other departments

- B.Sc. Forestry
- B.C.A.
- M.C.A.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03
Associate Professors	-	-	01
Asst. Professors	06	06	03
Others	00	00	00

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
R P Pant	Ph. D., D.Sc.	Professor and Head, Coordinator-DST FIST Program	Nonlinear Analysis, Dynamical Systems, Mathematical Programming	37	02(awarded), 02(ongoing)
Mahesh C. Joshi	Ph. D.	Professor	Nonlinear and Fuzzy Analysis	20	04(awarded), 03(ongoing)
Ratna Upadhyaya Joshi	Ph. D	Professor	Geometry & Analysis	36	Nil
Asha Srivastava	Ph. D	Associate Professor	Finsler/Remmani an Geometry and Differential Manifolds	24	03(awarded)
S. K. Chanyal	Ph. D	Assistant Professor	Riemannian Geometry	05	01(ongoing)
Anita Kumari	Ph. D	Assistant Professor	Riemannian Geometry	04	
Deepak Kumar	U-SET, INSPIRE Fellow	Assistant professor	Reliability Theory, Fuzzy Analysis.	01	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- UG 500:07
- PG 100:07

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual
Number of academic support staff (technical)	Nil	Nil	Nil
Number of administrative staff	02	02	02

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16. Research thrust areas as recognized by major funding agencies

- Nonlinear Analysis, Dynamical Systems Theory, Riemannian Geometry, Reliability Theory, Soft Computing and Fuzzy Analysis

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- DST-FIST 2014 (Level 1)
- National Board for Higher Mathematics (Library Grant Scheme).

20. Research facility / centre with

• State recognition	NA
• National recognition	NA
• International recognition	NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	43/12
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	range: 01-390 Average: 39.68
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0.294- 1.536
• h-index	20

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23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- National committees
- International committees
- Editorial Boards
- any other (please specify)

Prof R P Pant	Member of - State Scientific Review Committee of the IRIS Program of DST (jointly with CII and INTEL) Member of the Editorial Board of the - Aligarh Bulletin of Mathematics (AMU, Aligarh). - Journal of International Academy of Physical Sciences. - International Journal of Mathematical Analysis (M- Hikari, Bulgaria). Life member of : - Indian Mathematical Society - Bharat Ganita Parishad - Indian Society for History of Mathematics - International Academy of Physical Sciences.
Prof Mahesh C Joshi	- Joint Secretary, Indian Society for History of Mathematics - Executive council Member Indian Society for History of Mathematics - Life Member of Indian Mathematical Society - Life Member of Vijyan Parishad of India - Regional Coordinator Mathematical Olympiad program in Uttarakhand Region.
Dr. Asha Srivastava	- Life Member of Bharat Ganita Parishad - Life Member of Tensor Society of India - Life Member of IAPS
Mr. S K Chanyal	Life Member: National Academy of Mathematics, The Tensor Society
Dr. Anita Kumari	Life member: The Tensor Society of INDIA

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27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Faculty members are encouraged to attend workshops/seminars/conferences. The young faculty are also encouraged to attend the Refresher/Orientation courses and especially the NBHM sponsored Schools on Advanced Training in Mathematics (ATM) and Instructional Schools for Lecturers (ISL). Dr S. K. Chanyal attended three Instructional Schools for Lecturers (ISL) at SSJ Campus Almora.
- In 2010, in order to provide an opportunity of academic interaction with international
- mathematical community, the department organised a two days workshop for teachers and research scholars of Uttarakhand and on the basis of the outcome and recommendations of the workshop the Uttarakhand State Education and Research Council (USERC) sponsored a delegation of ten teachers and five research scholars of Uttarakhand to attend the International Congress of Mathematicians 2010 (ICM 2010) held in Hyderabad (the first ICM held in India).
- Further, the senior faculty members of the department acted as conveners / resource persons in different seminars/workshops organised by different institutions nationally as well as internationally such as those organised by MD Univ.- Rohtak, SVNIT-Surat, Kathmandu Univ.-Kathmandu, Rajmangala Univ. Of Technology -Thailand and workshop on Differential Equations under the National Program on Differential Equations (NPDE) sponsored by DST.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows Dr. K Jha is Ambassador of ICM-2014 (to be held in Korea).
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Pre-International Congress of Mathematicians 2010 Workshop (March, 2010). Source of Funding: Uttarakhand State Education and Research Council (USERC).

31. Code of ethics for research followed by the departments

- Emphasis is laid on two aspects of ethics
- Code to be followed by faculty in their research endeavours: Faculty members are encouraged to publish in SCI or refereed quality journals. Due insistence is laid on

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- proper guidance of research scholars.
- Code of ethics to be followed by research scholars in the department: Since research ethics and research quality are related, due stress is laid on educating the researchers in the department on all relevant aspects of research methodology and ethics.
 - The following aspects are specially kept in mind:
 - o Falsification: falsification and plagiarism are to be avoided at any cost.
 - o Promoting mutual respect, trust and fairness in collaborative work.
 - o Instead of working under stress due to unfavourable conditions, scholars are encouraged to report and bring their grievances to the supervisor and the H.O.D., who maintain confidentiality in redressal.

32. Student profile programme-wise:

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2009-10					
M.Sc. I year	31	14	17	09(65%)	13(77%)
M.Sc. II year	14	5	9	04(80%)	07(78%)
2010-11					
M.Sc. I year	22	12	10	12(100%)	10(100%)
M.Sc. II year	18	8	10	08(100%)	10(100%)
2011-12					
M.Sc. I Semester	22	10	12	09(90%)	11(92%)
M. Sc. II semester	20	9	11	09(100%)	11(100%)
M.Sc. II year	22	12	10	12(100%)	10(100%)
2012-13					
M.Sc. I Semester	18	7	11	07(100%)	11(100%)
M. Sc. II semester	18	7	11	07(100%)	11(100%)
M.Sc. III semester	20	9	11	09(100%)	11(100%)
M. Sc. IV semester	20	9	11	06(67%)	11(100%)
2013-14					
M.Sc. I Semester	55	14	36	Result awaited	
M. Sc. II semester	48	15	33	Going on	
M.Sc. III semester	16	6	10	Result awaited	
M. Sc. IV semester	16	6	10	Going on	

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33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. Sc.	80% approx	10% approx	10% approx	NIL
Ph. D.	50% approx	30% approx	20% approx	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 03 SET: 01 GATE: 01

35. Student progression

Student progression	Percentage against enrolled
UG to PG	40-50% approx.
PG to M.Phil.	Nil
PG to Ph.D.	5-10% approx.
Ph.D. to Post-Doctoral	Nil
Employed	
☐ Campus selection	NIL
☐ Other than campus recruitment	100% after Ph. D.
Entrepreneurs	Data not available

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	28.5 % (02/07)
from other universities within the State	28.5 % (02/07)
from universities from other States	43 % (03/07)
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

TWO

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38. Present details of departmental infrastructural facilities with regard to

a) Library:	The Department is having a well-equipped library with latest reference books as well as text books. This is totally funded by the National Board for Higher Mathematics. Besides this a sum of Rs.25 Lac has been sanctioned for the Departmental Library under DST-FIST 2014(Level 1).
b) b. Internet facilities for staff and students:	BSNL Broadband for staff and Research students.
c) Total number of class rooms:	TWO
d) Class rooms with ICT facility:	Nil
e) Student's laboratories:	ONE
f) Research laboratories:	Nil

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university
 - Doctoral Students: 1. Navin Chandra, 2. Mashesh Chandra, 3. Dev Kumar
- from other institutions/universities
 - Doctoral Students: 1.Kuldeep Prakash, 2. Vijay Dalakoti,
 - Post-Doctoral students: Dr. Kanhaiya Jha

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Mathematics postgraduate students having specialization in Financial and Computational Mathematics have immense employment potential in the emerging industrial and service sector in general and the insurance and financial sectors in particular. The Department proposes to start a new master's programme (M.Sc. in Mathematics with specialization in Financial and Computational Mathematics). It is hoped that this course will be very beneficial to the students of the economically backward state of Uttarakhand. This is a new Two year postgraduate degree for students interested in applying mathematical and statistical techniques specially focussed to solve challenging Financial and industrial problems.
- Exercise undertaken before the development of new programme:
- For the above mentioned new degree program a good computational laboratory is required. The department has initiated to establish a good laboratory with the help of FIST programme and University.
- Syllabus of some well-known institutions where such degree programs are being offered is being studied and the industrial requirements of manpower having such degree are also analysed before finalizing the syllabus for the above course.

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42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
During the deliberations in Departmental meetings: Feedback from faculty on curriculum as well as teaching learning evaluation, is obtained during the deliberations in departmental meetings, group discussions, held every at regular intervals. Ideas on recent advances are put forth and the possibility of their inclusion in the syllabus is discussed. The viable changes are noted and presented in the B.O.S., for consideration.
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
Feedback from students on staff, curriculum and teaching, learning and internal assessment:
 - (i) Written feedback on prescribed form to be put in drop box.
 - (ii) A separate departmental E-mail I.D., to get feedback online.
 - (iii) Redressal of problems posed in student feedback is done by a departmental committee.
- alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- (i) Prof H S Dhami (Vice Chancellor)
- (ii) Chandra Prakash Goyal (IFS)
- (iii) Ashok Upreti (IFS)
- (iv) Dinesh Pande (IES,
- (v) Prof. K. Jha (ICM-2014 Ambassador).

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special Lectures delivered by:
 - (i) Prof M S Raghunathan, FRS,(TIFR), April, 2013.
 - (ii) Prof S. Kesavan (IMSC, Chennai), April, 2013.
 - (iii) Prof Jugal Verma (IIT, Mumbai), April, 2013.
 - (iv) Prof. P N Pande, Allahabad University, July 2013.
 - (v) Prof. S R Singh, BHU Varanasi, July 2013.
 - (vi) Prof. S L Singh, UGC Emeritus Professor. June 2012.
 - (vii) Prof D R Sahu, BHU Varanasi, August 2012.
 - (viii) Prof. Harish Chandra, BHU, Varanasi, December 2013.
 - (ix) Prof. R C Dimri, HNB Garhwal Central Univ., Srinagar, March 2014.
 - (x) Prof. Vijendra Singh, Vikram Univ., Ujjain, March 2014.
 - (xi) Prof A K Shukla, GBPUAT, Pantnagar, March 2014.

45. List the teaching methods adopted by the faculty for different programmes.

- For UG Programmes: Traditional Method with chalk and Black Board.
- For PG & Ph. D Programmes: Traditional Methods with chalk and Black Board as well as multimedia presentation.

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46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- With the help of FEEDBACK from students and general meetings/ seminars of Faculty and Research Students.
- Observing the changes in syllabi of different examinations like NET and SET and the recommendations of UGC the course syllabi of the department are upgraded/ revised periodically.

47. Highlight the participation of students and faculty in extension activities.

- Initiative on Research and Innovation in Science (IRIS) Program of DST (jointly with CII and INTEL)
- Regional and National Olympiad Program of NBHM.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Introducing a new class (remedial cum extra) for PG/Ph.D. students for the preparation of competitive examinations Like NET and SET.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department has a vibrant research atmosphere which is reflected by the research publications of the faculty and research scholars. The wide recognition of the research work coming out from the department is evident in the large number of citations. The research profile of the faculty members of the Department has been excellent. The department has a well established school of research in Fixed Point Theory and Optimization Techniques. This school is a leading centre of research in these areas in the state as well as in the country. This is clearly reflected by the number of research publications; citations and the H-index of the research publications of the Department which is 20 (See Annexure A). The research work coming out of the department through publications is well received and taken up for further study by researchers in India and abroad.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - The department has faculty with specialization in diverse mathematical fields and quality research publications. Quality research work is being supervised in upcoming fields, by the faculty members. The department is one of the biggest

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as regards student strength, conducting courses for both the Science and Arts faculties, which encourages a healthy interaction between diverse streams. The National Board of Higher Mathematics (NBHM) has selected the department for its recurrent library grant scheme. This has helped to build a library with over a thousand books in the past six years.

- o A computer lab with 20 PCs and a Xerox machine is a help to the P.G. students and researchers. Recently, the Department of Science and Technology, Govt. of India, has selected the department for the award of DST- FIST (Level 1) for strengthening postgraduate teaching and research.

- **Weaknesses:**

- o The biggest weakness is the adverse student-teacher ratio. The department has a sanctioned strength of merely seven faculty members to cater to the need of nearly 500 UG, 100 PG and 10 research students. Shortage of space for class rooms and sitting space for research is another major handicap. Lack of internet connectivity and Wi-Fi facility hampers the productivity and efficiency of research work. Lack of power back up, a ramshackle building, that houses the department and absence of heating facility in a cold and wet climate like Nainital does not permit working for long hours. Inadequate teacher student ratio and shortage of space for students and Faculty are also hampers the working of the department.

- **Opportunities:**

- o Proximity of the department to the Aryabhata Research Institute of Observational Sciences (ARIES) and the state medical college opens new vistas for data based research on Physical, Astronomical phenomenon (e.g. solar flares etc.) and bio medical modelling. Work along these lines has been successfully taken up by some research students.

- **Challenges:**

- o The major challenge is to bring in more financial assistance through funding agencies. This will help in giving fellowship to research scholars and this will attract good students to join the department as research students.
- o More funds will help in improving the infrastructure of department- the library and the lab. Subscription for more journals and procurement of mathematical and statistical software like MATLAB, MAPPLE etc. will be possible.

52. Future plans of the department.

- At present the department has sanctioned faculty strength of 07 teachers (01 Professor + 06 Assistant Professors) to cater to the teaching needs of nearly 500 UG, 100 PG and 10 Ph. D. students studying Mathematics. Total present teaching load of the department is more than 240 contact hrs per week. To cope with this heavy teaching load and to cater to the teaching load to arise due to the proposed new PG programme i.e., M.Sc. in Mathematics with specialization in Financial and Computational Mathematics, at least 6 more regular faculty members are required. The proposed new M.Sc. programme has high employment potential as it caters to the needs of the emerging industrial and service sector in general and the insurance sector in particular.

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The course will therefore be very beneficial to the students of the economically backward state of Uttarakhand. The department proposes to apply to the University Grants Commission (UGC) for financial assistance under the SAP scheme of the UGC.

- The vision of the department is to introduce new job oriented course material at the P.G. level. Subsequently research work in newer fields can be taken up at the university campus as well as affiliated colleges.

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1. Name of the Department

Department of Mathematics

2. Year of Establishment

1962

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

- Participation in Computer Science and Information Technology Departments. Some of the faculty members have taught classes of BCA in Computer Science department.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2 (Against the original post of Assistant Professor)	
Associate Professors	2	1(Against the original post of Assistant Professor)	

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Asst. Professors	03	NIL	
Others	02	02	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. V. P. Pandey	MSc, Ph.D	Professor	Special Functions	37	02
Prof Jaya Upreti	MSc, Ph.D	Professor	Riemannian Geometry	27	04
Dr. B. C. Tewari	MSc, Ph.D	Associate Professor	Relativity	26	04

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. M S Raghunathan, IIT Bombay on “The Congruence Subgroup problem”
- ii. Prof. Vijay Kodiyalam, The Institute of Mathematical Sciences, Chennai on “Algebraic invariants of subfactor”
- iii. Prof. Mahan Maharaj, RKM Vivekananda University, Belur on “Recent Developments in Kleinian Groups: a tribute to Bill Thurston”
- iv. Prof. C S Rajan, TIFR, Mumbai on “Geometry and Arithmetic: More than analogies”
- v. Prof. S Kesavan, The Institute of Mathematical Sciences, Chennai on “The spectrum of the Laplacian”
- vi. Prof. S G Dani, IIT Bombay on “Interface between hyperbolic geometry and Diophantine approximation”
- vii. Prof. Parameswaran Sankaran, Institute of Mathematical Sciences, Chennai on “The Vector field theorem: A Survey”
- viii. Prof. Anupam Saikia, IIT Guwahati on “Application of Euler systems in recent advances on some well-known conjectures”
- ix. Prof. Sukumar Das Adhikari, HRI Allahabad on “Algebraic methods in additive Combinatorics”
- x. Prof. Gadadhar Misra, Indian Institute of Science, Bangalore on “The Bergman Kernel function”
- xi. Prof. M. Vanninathan, Homogenization: A Brief Survey”
TIFR-CAM, Bangalore on “Methods for elliptic
- xii. Prof. V Kumar Murty, University of Toronto on “The Prime Number Theory and Generalizations”

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13. Percentage of classes taken by temporary faculty – programme-wise information

- 40% classes are taken by 2 temporary faculty members, 25% at U.G. level and 15% at P.G. level]

14. Programme-wise Student Teacher Ratio

- 500:05 (B.Sc.), 120:05 (M.Sc.)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

- Sanctioned, Filled, Actual: 01

16. Research thrust areas as recognized by major funding agencies

- Special functions, Relativity, Riemannian geometry, Mathematical Linguistics, and Operations Research

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with	

- State recognition NA
- National recognition Centre of Excellence for Mathematical Science (CEMS)
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	68
• Monographs	NA
• Chapters in Books	NA

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• Edited Books	NA
• Books with ISBN with details of publishers o “Radiating Fluid Balls in General Relativity”, ISBN No-978-3-639-16769-6, Publication: VDM VERLAG, Author: Dr B.C. Tewari	01
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	25
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0-3
• h-index	18

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	
• Faculties are serving in two editorial boards at national level. Professor Jaya Upreti is the member of Tensor Society of India, Lucknow and Professor V.P. Pandey is the member of The Journal of the Indian Academy of Mathematics Indore.	
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Various training programs were held in the department for the faculties, list of the major programs is given as under
 - National workshop on Optimization Theory and Practice: 15-19 November 2010
 - International Colloquium on History of Mathematical Science & Symposium on Non-Linear Analysis: 16-19 May 2011
 - Uttarakhand State Council for Science and Technology (UCOST), Dehradun: 14-16 November 2011.
 - The programme was hosted by S.S.J. Campus Almora and various paers were presented in Mathematics Department. One of the post-doctoral fellow Dr. Hemlata Pande presented the paper “Determination of similarity score between

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two texts and its application in text categorization” for which she was awarded the Young Scientist Award.

- v. Instruction al School for Lecturers in Algebra: 20 February -3 March 2012
 - vi. Workshop on Algebra and Number Theory: 22-24 March 2012
 - vii. Instructional School for Lecturers in Differential Geometry: 21 May- 9 June 2012.
 - viii. Instructional School for Lecturers in Geometric Measure Theory: 9 -21 December 2013.
 - ix. Instructional School for Lecturers in Topology (2013)
 - x. Advanced Topics in Algebraic Graph Theory (2013)
- With an aim to bring together leading mathematicians and young researchers to learn about important developments in several areas of Mathematics, a national mathematics year event was held at Centre of Excellence in Mathematical Sciences, Kumaun University, SSJ Campus Almora with the title “Almora Mathematical Surveys” during 3-6 October 2012. On this occasion, the Centre of Excellence in Mathematical Sciences (CEMS), established by Uttarakhand Sate Science Education and Research Centre (U-SERC) located in the Almora Campus of Kumaun University was formally inaugurated by Padma Sri and Padma Vibhushan Prof. M S Raghunathan, Chairman, National Centre of Mathematics, IIT Bombay.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows 01
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- ATML-Instructional School for Lecturers (ISL-Algebra,2012) funded by National Board for Higher Mathematics during Feb.20-3 March 2012.
- ATML-Advanced instructional school (AIS in differential Geometry) during 21 May – 9 June 2012 funded by National Board for Higher Mathematics
- “Almora Mathematical Surveys” (A National Mathematics year event) during 3-6 October 2012.
- International discussion meeting and conference of ICTS (International Centre for Theoretical Sciences) ,TIFR Program entitled Advanced School and Discussion Meeting on Groups, Geometry and Dynamics during Dec.1-Dec.16, 2012.

31. Code of ethics for research followed by the departments

- Plagiarism in research is considered an offense by the research community worldwide

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and same feeling is being expressed by the department also. Various programmes are organized by the department to promote quality research.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc	60	22	33	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G	-	-	-	-
P.G	60	30	10	-
Ph.D	70	20	09	01

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- SET- Sahnkar Kumar
- GATE- Manoj Bisht, D.S. Mehra

35. Student progression

Student progression		Percentage against enrolled
UG to PG		25%
PG to M.Phil.		NA
PG to Ph.D.		6%
Ph.D. to Post-Doctoral		16%
Employed		NA
☐	Campus selection	
☐	Other than campus recruitment	
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	NA
from universities from other States	50%
from universities outside the country	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF MATHEMATICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library:	We have no suitable space and staff for the maintenance of the library and for last 15 years it has been managed by Prof. Jaya Upreti.	
b) Internet facilities for staff and students:		YES
c) Total number of class rooms:		03
d) Class rooms with ICT facility:	We have a conference hall equipped with ICT facility	
e) Student's laboratories:		NIL
f) Research laboratories:		NIL

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	6 Doctoral, 1 Post-Doctoral
b) from other institutions/universities	03 Doctoral

40. Number of post graduate students getting financial assistance from the university.

- Many students are getting fee relaxation. Fee relaxation is provided to financially weak but meritorious students, students under Schedule Caste, Schedule Tribe, and Other Backward Categories.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b.	students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
•	We take feedback from the students in a Performa in every semester about the teaching environment and facilities provided to them.	
c.	alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

• Dr Sunil Chanyal	:	Assistant Professor Kumaun University
• Dr Shankar Lal	:	Assistant Professor Garhwal University
• Shankar Kumar	:	Statistical Officer, Forest Department
• Sundar Kumar	:	Statistical Officer, Forest Department

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- Santosh Pant : Inspector Uttarakhand Police
- Dr Surendra Singh Dhapola : Head of mathematics department, Government Post Graduate College Bageshwar
- Dr. Lata Bisht : Assistant Professor Dwarahat
- Dr Raj Kishore Bisht : Associate Professor, Amrapali Institute of Management and Technology Haldwani.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Following academic accomplishments have been achieved by the during the year 2012.
 - i. Organized Board for Higher Mathematics, DAE, Government of India funded ISL Algebra (Instructional School for Lecturers and students in Algebra, during February 20-March 3,2012 at SSJ Campus Almora. Prof. H S Dhami, Coordinator CEMS was the convener and Prof.A.J.Parameswaran of TIFR Mumbai & Prof. N. Raghavendra from HRI Allahabad acted as co-convener of the school. Prof. R.Thangadurai from HRI Allahabad, Prof. Parameswaran, A.J. from TIFR Mumbai, Prof. Manoj Kummini from CMI Chennai, Prof. Chanchal Kumar from IISER Mohali, Prof. N. Raghavendra from HRI Allahabad and Prof. K V Subrahmanyam from CMI Chennai were the speakers/instructors of the school.(ATML) Advanced Training in Mathematics Schools of National
 - ii. Organized 3 day workshop on “Algebra-Number Theory interactions” for the benefit of research scholars, faculty members and students of Uttarakhand region. Prof. Jugal Verma from IIT Bombay, Prof. Dilip Patil from Indian Institute of Science and Prof. D Surya Ramanna from HRI Allahabad were the speakers of the workshop and Dr. Sanjay Pant from Delhi University worked as panelist.
 - iii. Another ATML school sponsored by NBHM, ISL Differential Geometry was organized at this place during 21 May-June 9, 2012. The speakers of this school were Prof. Ravi Kulkarni, Chair Professor from IIT Bombay, Prof. Harish Sheshadri from Indian Institute of Science Bangalore, Dr. Harish Chandra from BHU, Prof. R R Simha from Bombay, Dr. Sanjay Kumar from Delhi University, Dr. Vaibhav Vaish from TIFR Bombay, Prof. C S Aravinda from TIFR Bangalore. This school was attended by participants from all parts of the country, research scholars and PG students of the Department of Mathematics.
 - iv. Apart from this 15 national/international workshop were organized during last three years for the skill development of the students.

45. List the teaching methods adopted by the faculty for different programmes.

- Learning method, Demonstrating Method and Collaborating methods of teaching are adopted by the faculty members of the department.

EVALUATIVE REPORT OF THE DEPARTMENT OF MATHEMATICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- We ensure it by annual assessment of the students at UG level and monthly assessment at PG level.

47. Highlight the participation of students and faculty in extension activities.

- We have 100% participation of the teachers and the PG students.

48. Give details of “beyond syllabus scholarly activities” of the department.

- We have established the Centre of Excellence for Mathematical Science. Under which various programmes are being organized for the development of the students and faculties. The students are provided exposure to the research scholars and experts from IIT's and other prestigious institutions.
- Madhava Mathematics Competition held on 5 January 2014 for undergraduate students. Regional Mathematical Olympiad for students of 9th to 12th has been continuing held on first Sunday in the month of December every year since 2002.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The mathematics is being applied in the study of languages. The mathematical linguistics has been strengthened and the work has been done in local languages such as Kumauni also.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - The department has been imparting quality education to the students, we have an effective teacher - student communication, we have active participation of the students in the teaching learning process therefore the attendance is almost 100%.
- **Weakness**
 - The major weakness of the department is the low teacher student ratio , we are lacking in number of faculty members, we have limited area of work place to carry on the activities of the department, we are lacking in research facilities also in particular the quality research journals are unavailable.

EVALUATIVE REPORT OF THE DEPARTMENT OF MATHEMATICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

52. Future plans of the department.

- The department is planning to introduce some placement driven courses at PG level. Subject's likes like Financial Mathematics should be the part of the curriculum to provide employment opportunities to the students. Once the professional mathematics gets introduced in the syllabus it would provide the opportunities of campus selection to the students.

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1. Name of the Department

Department of Physics

2. Year of Establishment

1951

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG, PG, and Ph.D.

5. Interdisciplinary programmes and departments involved

- Spectroscopy laboratory has been engaged in interdisciplinary research with Departments of Biotechnology & Chemistry.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	--	02
Associate Professors	03	02	02
Asst. Professors	10	08 (08)	06
Others	--	--	--

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, DSB CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last years
Prof. Sanjay Pant	M.Sc.; Ph.D.	Professor	Spectroscopy	28 Years	5
Prof. H. C. Chandola	M.Sc.; Ph.D.	Professor	High Energy Physics	28 Years	2
Dr. Shuchi Bisht	M.Sc.; Ph.D.	Associate Professor	High Energy Physics	22 Years	3
Dr. Ramesh Chandra	M.Sc.; Ph.D.	Associate Professor	Solar Physics	15 Years (4 teaching + 11 research)	02 (working)
Dr. Alok Durgapal	M.Sc.; Ph.D.	Assistant Professor	Astrophysics	09 Years	1
Dr. Bimal Pande	M.Sc.; Ph.D.	Assistant Professor	Atmospheric Physics, solar physics	09 Years	(working)
Dr. P. K. Mishra	M.Sc.; Ph.D.	Assistant Professor	Condensed Mater Physics	09 Years	2
Dr. P. S. Negi	M.Sc.; Ph.D.	Assistant Professor	Astrophysics	09 Years	1
Dr. Grish Chandra	M.Sc.; Ph.D.	Assistant Professor	Condensed Mater Physics	04 Years	(working)
Mr. Rajkumar	M.Sc.	Assistant Professor	Electronics	01 Years	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

15%

14. Programme-wise Student Teacher Ratio

- UG: 1:200 (approx.)
- PG: 1:30 (approx.)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sanctioned: 14 ; Filled: 12; Vacant: 02

**EVALUATIVE REPORT OF THE DEPARTMENT OF
PHYSICS, DSB CAMPUS, KUMAUN UNIVERSITY**

16. Research thrust areas as recognized by major funding agencies

Astrophysics, Spectroscopy, High Energy Physics and Condensed Matter

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Grant received	Project title	Funding agency
8.02 Lakhs	Study of the dynamical processes in the solar atmosphere	ISRO (PI. Dr. Ramesh Chandra)
6.59 Lakhs		UGC (PI. Dr. H.C. Chandola)
4.85 Lakhs	Study of Waves and Eruptive Phenomena in the Solar Atmosphere	DST (PI. Dr. Ramesh Chandra)
1.50 Lakhs		DST (PI. Dr. P.K. Mishra)

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration	NA	b) International collaboration	NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- UGC /CAS : Rs. 1.37 Crores
- UGC : Rs. 6.59 Lakhs
- ISRO : Rs. 8.02 Lakhs
- DST : Rs.6.35 Lakhs

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	85
• Monographs	NA
• Chapters in Books	NA

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• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	350
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	1-7
• h-index	14

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	03
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Refresher course in Physics at ASC, Kumaun University, Nainital in December 2012

28. Student projects

• percentage of students who have done in-house projects including inter-departmental projects	NA
• percentage of students doing projects in collaboration with other universities / industry / institute	NA

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

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30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- National symposium on radiation and photochemistry – 2009 in collaboration with ISRAPS, BARC, Mumbai

31. Code of ethics for research followed by the departments

- Research students enrolled in the department are motivated to maintain the high standard of scientific temper and honesty.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
P.G. 2010	80	11	18	100	100
2011	71	20	10	100	100
2012	75	09	19	100	100
2013	85	09	21	100	100
2014	121	17	09	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
P.G. 2010	100	00	00	00
2011	100	00	00	00
2012	90	09	01	00
2013	77	20	03	00
2014	85	13	02	00

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

- NET/ SLET : 08
 - Ranjana Rautela : NET (LS), December 2012
 - Kalpana Tiwari : NET (LS), June, 2012, USET, 2012
 - Savita Rani : NET (LS and JRF) December, 2012
 - Gireesh Chandra : NET (LS) June, 2012
 - Neetu Pande : USET- 2012
 - Devendra Singh Bisht : USET- 2012
 - Garima Punetha : GATE-2012, USET-2012
 - Aarti Fulara : USET-2012

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35. Student progression

Student progression	Percentage against enrolled
UG to PG	10%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	NA
Entrepreneurs	NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	40%
from other universities within the State	20%
from universities from other States	40%
from universities outside the country	00%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

ONE

38. Present details of departmental infrastructural facilities with regard to

a)	Library	Departmental Library
b)	Internet facilities for staff and students	Department has a computer lab well equipped with latest technology accessible to teaching, non-teaching staff, research and PG students.
c)	Total number of class rooms	05
d)	Class rooms with ICT facility	03
e)	Students' laboratories	03
f)	Research laboratories	01

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	17
b)	from other institutions/universities	25

40. Number of post graduate students getting financial assistance from the university.

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, DSB CAMPUS, KUMAUN UNIVERSITY

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

YES

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - policies are framed according to implement correction measures if required.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - We have interactive sessions with students in which through students are motivated to suggest modification if any required at the departmental level for the important of teaching learning processes.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special lectures / workshops / seminar are arranged for the benefit of students.

45. List the teaching methods adopted by the faculty for different programmes.

- Normal classroom teaching as well as audio video aids available in the department

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Though internal assessments

47. Highlight the participation of students and faculty in extension activities.

- The faculty and students are involved in all the extension activities arranged from time to time by the department and university.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Organised workshops, seminars, lectures from experts time-to-time

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

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50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

a. Spectroscopy group

Brief outline of Nature of Research work being carried out:

- At present, Spectroscopy group of the department is actively engaged in the study of photo-induced behaviour of organic / inorganic fluorophore. The objectives are to study the photo-physical / photochemical processes of these compounds and their analogue in solution as well as in polymeric medium and to explain the excited state properties by correlating observed experimental results with model proposed for various excited state processes. To examine the effect of different perturbation as pH, viscosity, polarity and temperature etc., on excited state dynamical processes was one of the preliminary aims. Various phenomena occurring in excited state of a molecule like edge excitation red shift, excited state proton transfer, charge transfer, excimer formation etc. have been investigated.
- Successfully, we have proposed that sensing of iodide can be done in protic and aprotic environment by observing the changes in fluorescence intensity of 5-amino salicylic acid. Quenching in the fluorescence of quinidine by various halide ions (Cl⁻, Br⁻ and I⁻) was noticed. Possibility of such study as fluorescence indicators for halide ions may be explored.
- Comprehensively, photophysics / photochemistry of various fluorophores (naphthol derivatives, salicylic acid derivatives, coumarin derivatives and quinoline derivatives) have been investigated in various media (solvents, pHs and polymers) under variety of conditions as temperatures, excitations etc.
- Systematically, the effect of surrounding solvent molecules on the ground and the excited state dipole moments of the various fluorophores (2-methyl 4-hydroxy quinoline, dansylamide, 1 and 2 naphthols) was examined and elaborated. Using variety of methods, the ground and the excited state dipole moments were estimated. The validity of these methods in the light of proper choice of solvents has been explored. For all the fluorophores, obtained higher value of the excited state dipole moments compared to the ground state dipole moments value indicate towards different geometry in the excited state counter part of the ground state. Recently, theoretical calculations on dipole moment using Gaussian 03 Software package has been performed by K. Tiwari et al., N.Pandey et al., so that chemical theories may be applied to more and more complex systems theoretically.
- Further, due to the polymeric microenvironmental effects changes in the excited states processes (as proton transfer, electron transfer), specifically on the dynamical parameters was noticed. These changes were attributed to the confinement of the medium and restricted degree of freedom. Observed red edge effect (REE) in cinchona alkaloids and naphthol derivatives have been correlated to rigidity of the polymeric media.

b. High Energy Physics Group

This research group has made a significant contribution towards the studies related to some of the current problems in the field of High Energy Physics. Some of the important ongoing investigations in this field are as listed below:

- Study of the gauge theory of strong interactions, formulation and analysis of dual QCD models, topological considerations and the associated magnetic structures.

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, DSB CAMPUS, KUMAUN UNIVERSITY

- Analysis of the magnetic symmetry at high temperatures and the high temperature/high density response of QCD vacuum, relation with the RHIC Collision events and the study of the phase transition at finite temperatures in QCD.
- Analysis of the interrelationship between quark-hadron phase transition and chiral phase transition at finite temperatures, their implications for QGP, the fate of magnetic condensate in terms of thermal monopoles and the analysis of the thermal response of QCD vacuum.
- Correlation of the above mentioned QCD studies with recent lattice QCD studies for evolving a physical picture of QCD phase transitions.
- Charge-pole interactions study for the evaluation of gauge invariant angular momentum, its analogy with that of a spinning top and the analysis of relativistic effects in charge-pole bound state systems.
- Analysis of the hadronic and glueball trajectories for exploring their intrinsic dissimilarities and constructing Regge trajectories with quantized mass.

c. Astrophysics groups

Brief Outline : In the DSB campus of Kumaun University, Nainital, the main research areas are solar and stellar physics. The details of the work being carried out are as follows:

- Solar Physics: Solar jets are active phenomena in the solar atmosphere observed as collimated ejections of plasma. It is believed that these are due to magnetic reconnection. Therefore to understand them is very important to understand the large solar eruption, which is crucial for the space weather purpose. Keeping these in mind, currently we are working on recurrent solar jets of 11 December, 2010. For this study we are using the various ground as well as space borne data.
- Another study on the solar physics, we are studying the nature of Extreme Ultra Violet (EUV) waves. These waves are associated with solar flares, Coronal Mass Ejections (CMEs) etc. However, the origin and kinematics of such waves are still controversial. Presently, we are working on the origin of the EUV waves using the data from Solar Dynamic Observatory (SDO), which is a space observatory and it observe the sun with very high spatial and temporal resolution.
- During last five year, we have published 20 research papers in the international journals of repute. The list of these publications is given in annexure 2.
- Stellar Physics: Star cluster is a group of dynamically associated stars, presumably created from the same material at about the same time, consequently at the same distance. On the sky the star cluster region as expected, shows increase in the stellar number density compared to the field. Star clusters are found in all the three components, i.e, halo, disk and bulge of our Galaxy. The star clusters are classified into three distinct categories, namely Globular cluster, Galactic or open cluster and OB Association.
- In the previous years CCD observations were acquired for many clusters, using 104 cm Sampurnanand Telescope equipped with 2k×2k CCD at ARIES, Nainital. We estimated all the physical parameters for these clusters like as radius, distance, age, reddening, metallicity etc. The Luminosity and Mass Function study have been derived for two clusters Riddle 4 and Teutsch 1. We also study the mass-segregation for these two clusters and estimated the relaxation time. Our study indicates that both the clusters are dynamically relaxed. We also combined 2MASS JHKs with optical data and estimated structural parameters. We also verify the interstellar extinction law towards the cluster, which comes out to be normal. We have also performed the photometric study of the clusters Czernik 31 and Haffner 11.

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51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- i. Recognition by the UGC New Delhi under the Special Assistance Programme. Current status CAS – I
- ii. Recognition by DST, New Delhi under FIST - I
- iii. Research work of international repute in the field of Spectroscopy, Astrophysics, High Energy Physics & Condensed Matter Physics
- iv. Active National as well as International collaborations
- v. High quality teaching

Weaknesses:

- i. Due to large No. of students at the UG level infrastructure insufficient
- ii. Although the department has a departmental library for PG students it is not sufficient as per requirements of the PG students
- iii. Existing high tech IT facilities still insufficient for the faculty members
- iv. At times department faces acute power problems

52. Future plans of the department.

- In the present era, we have high spatial and temporal resolution observing instruments in solar physics. These instruments include, Solar Dynamic Observatory (SDO), STEREO, the STEREO instrument observes the sun with two different angles, and several ground based observatories. Using the data from various ground and space borne instruments in the next five year, we plan to study the following problems:
 - i. To understand the energy build-up and energy release mechanism of the solar flares.
 - ii. We are planning to work on the relation among Moreton waves, EUV waves, and type II radio bursts data.
 - iii. What is the relationship between CME lateral expansion and EUV wave formation?
 - iv. We also plan to study the solar filaments eruption and associated phenomena.
- In field of stellar physics, we propose following studies:
 - i. It is planned to study the open star clusters to know the structure and evolution of the Galaxy. Under this study we plan to acquired CCD observations for few more unstudied open clusters.
 - ii. The physical parameters like distance, age, reddening, metallicity and stellar contents can be fairly used to study the Galactic structure and evolution. These parameters can be derived using colour-colour and colour-magnitude diagrams of the clusters.
 - iii. We will use Zero age main sequence(ZAMS) for distance determination while theoretical isochrones will be used for age estimate of the clusters.
 - iv. We have also been taken 2MASS JHKs data for many clusters Teutsch 126, Teutsch 55 and Teutsch 40. Using 2MASS data of these clusters our plan is to study the mass function and dynamical evolution of these clusters. Apart from this we also plan to determine the extent of the cluster to have an idea about the cluster members.

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1. Name of the Department

Department of Physics

2. Year of Establishment

1966

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG: B.Sc. (maths group)
- PG: M.Sc. (physics)
- Ph.D. & D.Sc.

5. Interdisciplinary programmes and departments involved

- Environmental Studies (Department of Chemistry)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester
- Ph.D/D.Sc (Pre Ph.D course work/pre submission/then by thesis and viva voce test)

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	03
Associate Professors	01	01	00
Asst. Professors	09	04	02
Others	10	05	00

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
M C Durgapal	M.Sc	Professor	Modern electronics	39+	Nil
O.P.S.Negi	Ph.D	Professor	Particle Physics	35+	02
P S Bisht	Ph.D	Professor	High Energy Physics	16+	03
Pratibha Fuloria	Ph.D,NET	Assistant Professor	Electronics& Astrophysics	13+	Nil
Vijay Ballabh	NET,SET	Assistant Professor	Electronics & Material Science	01	Nil
B C Chanyal	Ph.D,SET	Contract faculty	Electronics& High Energy Physics	05+	Nil
Gaurav Karnataka	Ph.D	Contract faculty	Electronics& High Energy Physics	05+	Nil
BCS Chauhan	NET	Contract faculty	Electronics& High Energy Physics	02+	Nil
Vishal Sharma	NET	Contract faculty	Electronics& High Energy Physics	01+	Nil
Pawan Joshi	NET	Contract faculty	Electronics& High Energy Physics	02+	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

- 70% UG Programme
- 30% PG Programme

14. Programme-wise Student Teacher Ratio

- B.Sc I year 280/6
- B.Sc II year 214/6
- B.S III year 115/6

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

• Sanctioned,	Filled
• Technical staff – 3 (2 Lab Asst.+ 01 Mechanic)+2(Lab bearer)	3 + 2
• Administrative staff- 1(clerk/storekeeper) +1 (peon)	1 + 1

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

16. Research thrust areas as recognized by major funding agencies

- Spectroscopy and High Energy Physics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- Currently one project from Uttarakhand Council of Science and Technology Dehradun is running for Rs.3 lakhs

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration NA
- b) International collaboration
- o Under UNESCO – TWAS Associate programme in Institute of Theoretical Physics, Chinese Academy of Science, Beijing, China.
 - o Under DAAD and Reinvitation DAAD at University of Constance, Faculty of Physics, Costance, Germany

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Currently one project from Uttarakhand Council of Science and Technology Dehradun is running for Rs.3 lakhs.
- 02 projects are already completed.

20. Research facility / centre with

- State recognition YES
- National recognition YES
- International recognition YES

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	150
• Monographs	NA
• Chapters in Books	20
• Edited Books	NA
• Books with ISBN with details of publishers	03
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	0.06-3.0 / 1.72
• h-index	3

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

- Prof. O. P. S. Negi
- Prof. P. S. Bisht

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees
 - Prof. O. P. S. Negi
 - Prof. P. S. Bisht
- b) International committees NA
- c) Editorial Boards NA
- d) any other (please specify) NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Prof. O. P. S. Negi
- Prof. P. S. Bisht

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M. Sc. Physics	55	09	11	09	11
Ph. D. Physics	15	01	NIL	01	NIL

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	80%	10%	10%	Nil
B.Sc.	90%	10%	Nil	Nil
Ph.D.	50%	25%	25%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of the Exam	No of Students cleared in last five years
Civil Services	02
Defence Services	05
NET	10
SET	09
GATE	15
JEST	10
Other competitive exams TIFR, BARC, ONGC, DRDO , IISC, IITs,	10

35. Student progression

Student progression	Percentage against enrolled
UG to PG	10-15%

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

PG to M.Phil.	NA
PG to Ph.D.	20%
Ph.D. to Post-Doctoral	NA
Employed	
☐ Campus selection	NA
☐ Other than campus recruitment	80%
Entrepreneurs	10%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80%
from other universities within the State	20%
from universities from other States	NA
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

THREE

38. Present details of departmental infrastructural facilities with regard to

a) Library	More than 2800 books are available
b) Internet facilities for staff and students	Yes, One BSNL Broadband connection is available and all the faculty members, computers and student lab is well connected with this facility.
c) Total number of classrooms	02
d) Class rooms with ICT facility-	01
e) Students' laboratories	(02- M.Sc. +03- B.Sc.) 05
f) Research laboratories-	01

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- Doctoral Students: (Registered for Ph.D)
 - o Mr B C S Chauhan
 - o Mr Pawan Kumar Joshi
 - o Mr Vishal kumar Sharma
 - o Mr Pankaj Joshi
- b) from other institutions/universities
- Prof. O. P. S. Negi, Institute of Theoretical Physics, Chinese Academy of Science,
 - Prof. P. S. Bisht Institute of Theoretical Physics, Chinese Academy of Science, Beijing, China

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Nano Physics/ Climate Physics/Photonics have been proposed to be started from the coming/next session. So after acceptance of the proposal, refresher course from institutes where these programmes are running, shall be organized as decided by Academic council.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
 - The feedback from faculty members with regards to the curriculum And teaching, learning, evaluation process as practiced and experienced by them in the classrooms, is regularly discussed in the departmental meetings and constructive remedial measures are taken whenever considered necessary, by bringing it to the Board of Studies for due consideration. On the basis of feedback on courses, curriculum are revised every year in Board of Studies meeting.
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - Departmental committee in its regular meetings discusses students' feedback on teachers and courses and suggest remedial measures whenever required. The continuous internal assessment, group discussion, tutorials, seminars, students counselling is being carried out regularly to contribute to a healthy feedback from the students.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? YES
 - We request our Alumni to visit the department, whenever they get opportunity or we invite on the occasion of some deliberations, seek their valuable suggestions , similarly from our higher authorities of same field and then within our limited means we try to improve the face of our Departmental Curriculum.

43. List the distinguished alumni of the department (maximum 10)

i.	Mr K R Arya	IAS (Chief Secretary North East States)
ii.	Mr Indu Pandey	IAS (Chief Secretary, Uttarakhand)
iii.	Mr Bimal Pandey	IAS (Add-Chief Secretary , West Bengal)
iv.	Mr B M S Negi	IAS Allied (D G Technical Education Delhi)
v.	Mr Dheeresh Joshi	Brigadier, Indian Army
vi.	Prof Ramesh Budhani	DG NPL New Delhi
vii.	Mr Yugal Kishore Pant	IAS, D M, New Tehri Garhwal
viii.	Prof D K Ojha	HOD (Astrophysics) TIFR, Mumbai
ix.	Prof T C Kandpal	IIT New Delhi (Solar Energy)

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

x.	Dr Bhaskar Kanseri	NPL Scientist in France
xi.	Mr Jagmohan Durgapal	Colonel, Indian army
xii.	Mr Raj Kumar Upadhyaya	ITS, CGM in D O T
xiii.	Mr Sudhir Kumar Joshi	Additional Director, ONGC
xiv.	Dr Mukul Kiran Pandey	Scientist G , DRDO
xv.	Mr Hari Mohan Joshi	Colonel, Scientist (CERI)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Special lectures are frequently conducted on various issues related to topics in the syllabus for update exposure in the field.
- Experts normally visit for Ph.D Viva voce / Practical Examination etc and we arrange these in such a manner so that students get very good interaction and prepare for their seminars accordingly.

45. List the teaching methods adopted by the faculty for different programmes.

- M.Sc. Lectures, tutorials, Power point presentations, Group discussions in library room on the recent problems of Physics from time to time in the presence of some faculty members.
- Ph.D. Lecture, tutorial, Power point presentation, Journal Club, Group discussion, and study tour.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Regular interaction of students and research scholars and faculty members to discuss the progress and by Internal Assessment of students, Topic Assignment, Oral presentation in the given project and recent problems of different topics of Physics
- Regular meeting of faculty members with HOD to discuss the progress of students.

47. Highlight the participation of students and faculty in extension activities.

- Various faculty members and students have been involved in tutorials, seminars, conferences, symposium and workshop nationally and internationally
- It has been made compulsory for Students of all semesters and faculty members to be present/ participate in activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Faculty and students are often invited to be part of consultation on social/scientific/ technological /environmental issues and relation of higher studies in the building of better and beautiful world.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- YES -- In 1999 by NAAC

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The Department has its own library which is quite rich in collection of books. The students and the teachers normally consult in the departmental library.
- Well-equipped laboratory with basic and advanced facilities, available which was acquired over the years.
- The Department has a separate computer laboratory as the syllabus is ICT based. At present there are 12 computers with internet facility provided through HUB of 16 with LAN .
- The teachers regularly participate in Remedial coaching classes for students belonging to SC, ST, minority communities and financially backward class.
- The teachers participate in the programmes organized by the UGC Sponsored Career and Counselling

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. Department is situated in central Himalayas providing a peaceful environment for study and research and the department is having faculties from different streams and ascertain
 - ii. Sincerity, hardworking, regular class teaching,
 - iii. 100% attendance in P.G. classes,
 - iv. well-equipped laboratories,
 - v. research work of international repute,
 - vi. good number of publications and citations
- **Weaknesses**
 - i. Acute space shortage, shortage of lecture rooms, practical laboratories, Updated Computers, Library space, Computer room with modern gadgets & infrastructural facilities,
 - ii. lack of teaching and non-teaching staff of proper skills& knowledge.
 - iii. lack of instrumentation workshop, audio visual and computer simulation techniques, software etc.
- **Challenges**
 - i. To have
 - a. Our new separate building as per UGC norms.
 - b. Job oriented course programs,
 - c. Remedial measures on decreasing interest in higher education ,
 - d. Reference book, scientific journals.
 - ii. To get acquainted with latest developments in higher education trends,
 - iii. To get acquainted with high standard reference books and laboratory techniques
 - iv. To enhance the teaching and research activities up to the international mark.
 - v. To initiate the students for preparation for civil services and NET/JEST/GATE
 - vi. To initiate the students for the international interactions

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS, S.S.J. CAMPUS, KUMAUN UNIVERSITY

52. Future plans of the department.

- Students are admitted strictly on merit (on marks basis). Students largely come from rural background from low and middle-income group. Students are proficient in Hindi but not very well in English. The subject is preferred equally by both the genders. So we need our separate Departmental PG Block to
 - o Initiate research and career oriented programmes.
 - o Improving library and internet facility in the department to be globally connected
 - o Initiating invited lectures from well-known academician and scientist.
 - o To enhance the academic interactions among faculty members, researchers and the students from outside also.
 - o To strengthen the project oriented work carried out the students.
 - o To make the proposals for new research projects associating with the local/regional needs
 - o To establish the well-equipped laboratories for UG and PG courses
 - o To open the job oriented courses in consultation with sister departments.

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Statistics, D.S.B. Campus

2. Year of Establishment

1987

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

- Pre Ph.D course work
- Department of Pharmaceutical Sciences, Bhimtal.
- Faculty of Commerce, DSB Campus.
- SC/ST Net Coaching Centre, Bhimtal.
- Department of Library Sciences, Nainital.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NONE	NONE	01 in CAS
Associate Professors	NONE	NONE	01 in CAS(on leave)

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

Asst. Professors	NONE	NONE	NONE
Others	NONE	NONE	NONE

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
M.K. Pande	Ph.D in Statistics	Professor & HEAD	Sampling Theory	36 years U.G 12 years P.G	O4
Spersh Bhatt	Ph.D in Statistics	Teaching Personnel	Sampling Theory	08 years U.G 08 years P.G	None

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

- U.G: 80%
- P.G: 50%
- Pre Ph.D : 50%

14. Programme-wise Student Teacher Ratio

- U.G: 90:1
- P.G: 30:1
- Ph.D : 03:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

NA

b) International collaboration

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	08
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

- a) National committees NA
- b) International committees NA

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Refresher courses and workshops are regularly undertaken by the faculty.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Sc	30	--	--	--	--
M.Sc	05	03	02	02	02
Ph.D	03	02	01	--	--

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc	80%		20%	
Ph.D	33%	33%		33%

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

UGC NET-01 AND DSTO-01

35. Student progression

Student progression		Percentage against enrolled
UG to PG		35%
PG to M.Phil.		NA
PG to Ph.D.		35%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates		
of the same university		0
from other universities within the State		0
from universities from other States		100%
from universities outside the country		0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a)	Library	NA
b)	Internet facilities for staff and students	NA
c)	Total number of class rooms	01
d)	Class rooms with ICT facility	NA
e)	Students' laboratories	NA
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	NA
b)	from other institutions/universities	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NA
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
 - The ideas and shortcomings provided by the students are incorporated to raise the level of teaching.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

NA

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- The PG students are provided guest lectures on various topics in the syllabus .

45. List the teaching methods adopted by the faculty for different programmes.

- Classroom teaching, assignments and projects.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Feedbacks and evaluations at the start of every academic session

47. Highlight the participation of students and faculty in extension activities.

NA

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTICS, DSB CAMPUS, KUMAUN UNIVERSITY

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

NA

52. Future plans of the department.

- The department is planning to start a course in applied statistics and research analysis which may be undertaken by students from any discipline.
- The department also plans to setup a course in demographic studies in addition to the ongoing courses of the department.

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Statistic

2. Year of Establishment

1987

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG : B.Sc./ B.A. (Maths Group)
- PG : M.Sc./M.A Statistics
- Five Year Integrated (B.Sc.+ M.Sc.) Program in Actuarial Science
- Ph.D.

5. Interdisciplinary programmes and departments involved

- Five Year Integrated (B.Sc.+M.Sc.) Program in Actuarial Science. (Deptt. Of Statistics, Mathematics, Economics, Computer Science, Commerce)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG (B.Sc./ B.A) : Annual
- PG M.Sc./ M.A.& Five Year Integrated Program (Semester System): Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor			
Associate Professors	02	02	
Asst. Professors	01	01 (contractual)	

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

Others

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Specialization	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. NeerajTiwari	Ph.D	Professor	Sample Surveys	24	08
Dr.Ishpathik Das	Ph.D	Assistant professor	Generalized Linear Models	01	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- i. Prof. A.K. Nigam, I.A.S. D.S Lucknow.
- ii. Prof. Padam Singh, EPOS, Gurgaon.
- iii. Prof. V.K. Gupta, I.A.S.R.I., New Delhi.
- iv. Prof. BhuDev Sharma, IIIT, Noida.
- v. Prof. DebasisKundu, I.I.T. Kanpur.
- vi. Prof. PulakGhosh, I.I.M Banglor.
- vii. Prof.AjitChaturvedi, Delhi University.
- viii. Prof.U.C.Sud, I.A.S.R.I., New Delhi.
- ix. Prof. S.K.Pandey, Lucknow University.
- x. Prof. N.P. Sinha, University of Botswana.
- xi. Prof. A. Sahai, St. Augustine Campus, West Indies.

13. Percentage of classes taken by temporary faculty – programme-wise information

35% by Dr.Girja Shankar Pandey

14. Programme-wise Student Teacher Ratio

- B.Sc/B.A Ist year 80/3
- B.Sc/B.A IInd year 50/3
- B.Sc/BA. IIIrd year 35/3

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

16. Research thrust areas as recognized by major funding agencies

Health Geo Statistics

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Three projects from UGC, ICMR and UCOST have been completed by Prof. Neeraj Tiwari.

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition YES
- National recognition YES
- International recognition YES
- o Facility for PhD program and research

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	65
• Monographs	NA
• Chapters in Books	05
• Edited Books	02
• Books with ISBN with details of publishers	04
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	100
• SNIP	0.06-3.0 / 1.80
• SJR	NA
• Impact Factor – range / average	2.0
• h-index	3

23. Details of patents and income generated

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

ONE

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	01

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

One UGC refresher course in Statistics and Mathematics was organized in November 2010, and another one is proposed to be organized in October, 2014.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 50% in PG
- percentage of students doing projects in collaboration with other universities / industry / institute 20% in PG and research

29. Awards / recognitions received at the national and international level by

• Faculty	Emeritus fellowship (UGC), DST Young Scientist
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

One National Conference organized in 2010. One more National Conference to be organized during October 4-6, 2014.

31. Code of ethics for research followed by the departments

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.Sc./ M.A. Statistics	10	05	03	100	100
Ph.D. Statistics	20	07	03	100	100

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M..Sc./M.A.	96%	3%	1%	Nil
B.Sc./M.A.	95%	5%	Nil	Nil
Ph.D.	50%	20%	30%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

TEN

35. Student progression

Student progression		Percentage against enrolled
UG to PG		10%
PG to M.Phil.		NA
PG to Ph.D.		50%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	80%
☐	Other than campus recruitment	NA
Entrepreneurs		10%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	40%
from other universities within the State	NA
from universities from other States	60%
from universities outside the country	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF STATISTIC, S.S.J. CAMPUS, KUMAUN UNIVERSITY

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

02

38. Present details of departmental infrastructural facilities with regard to

a) Library :	More than 2000 books are available	
b) Internet facilities for staff and students:	One BSNL Broadband Wi Fi	
c) Total number of class rooms:		01
d) Class rooms with ICT facility:		Nil
e) Students' laboratories:		01
f) Research laboratories:		01

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university		02
• Doctoral Students: (Registered for Ph.D)		
o Vijaya Bhatt		
o Akhil Chilwal		
b) from other institutions/universities		06
• Doctoral Students: (Registered for Ph.D)		
o Satendra Keshari	o Prachi Mehta	
o Yogesh Bhatt	o Rajkumari	
o Ankuri Agrwal	o Sanatombi Devi	

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- New developments and Academic programmes of Department are discussed at the Board of Studies, Faculty of Science and Academic Council meetings of University after due consultation is held at the departmental level with external experts and the syllabi of other institutes.

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES
- The feedback from faculty with regards to the curriculum and teaching learning evaluation process as practiced and experienced by them in the classrooms, is regularly discussed at departmental meetings and constructive remedial measures are taken whenever considered necessary, by bringing it to the Board of Studies for due consideration. On the basis of feedback on courses curriculum are revised every year in Board of Studies meeting.

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- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- Departmental meeting discusses students' feedback on teachers and courses and suggest remedial measures when required. The continuous internal assessment, group discussion, tutorials, seminar, students counselling is being carried out regularly to contribute to a healthy feedback from the students.
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- i. Dr. Sanjay Kumar Pant - Deputy Director in F.A.O. in Delhi.
- ii. Dr. Girish Chandra – Scientist C, in FRI Dehradun.
- iii. Dr. Ila Pant – D.S.T.O in Uttarakhand.
- iv. Akhil Chilwal – Assistant Professor in G.B Pant Agricultural university, Pantnagar.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Department is organizing regular seminars and conferences. Seminars are organized by PG and research students on every month. Department has organized two National Seminars/Conferences and two UGC Refresher Course. In addition invited lectures of reputed professors are organized by the department.

45. List the teaching methods adopted by the faculty for different programmes.

- B.Sc. Theory classes are presented through lectures and power point presentation, practical classes are run using computer.
- M.Sc. Lecture, tutorial, PowerPoint presentation, Journal Club, Group discussion, Field practical and study tour.
- Ph.D. Lecture, tutorial, PowerPoint presentation, Journal Club, Group discussion, Field practical and study tour.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Students are continuously encouraged to attend the classes and discuss with faculties for any problems. Also, regular interaction of students, research scholars, and faculties are held to discuss the progress.
- The faculty members regularly visit HOD to discuss the progress of students.

47. Highlight the participation of students and faculty in extension activities.

- All Ph.D. Student and faculty members visit different statistical research institute like I.A.S.R.I, Delhi, I.S.I. Calcutta, IIT Bombay, IIT Kharagpur, IIT Delhi, IIT Kanpur, and FRI Dehradun.

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48. Give details of “beyond syllabus scholarly activities” of the department.

- Faculty and students often invited to be part of consultation on population and statistics issues.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The faculty and research scholar are actively involved in research. More than 60 research papers of the faculty members have been published in various reputed national and international journals.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - o The department is having faculties from different streams.
 - o Department is situated in central Himalayas providing a peaceful environment for study and research.
- **Weakness**
 - o Shortage of Lecture rooms, faculties, practical laboratories, Computers, Library, Computer rooms.
- **Challenges**
 - o Job oriented course programs, decreasing higher education trends, reference book, and scientific journals.

52. Future plans of the department.

- Establishing advanced Statistics programme and lab facility.
- Initiating research and career oriented programme.
- Improving library and internet facility in department.
- Initiating invited lectures from well-known academician and scientist.

EVALUATIVE REPORT OF THE DEPARTMENT OF ZOOLOGY, D.S.B. CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Zoology, D.S.B. Campus

2. Year of Establishment

- 1951 (Affiliated to Agra University)
- 1973 (Onwards Kumaun University)

3. Is the Department part of a School/Faculty of the university?

- Yes, Faculty of Science.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG B.Sc (Zoology)
- PG. M.Sc (Zoology) specializations: Fish and Fisheries, Entomology
- Ph.D. Zoology

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG B.Sc. : Annual
- PG M.Sc.: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	05
Associate Professors	02	01	01 (vacant 1)
Asst. Professors	08	07	04 (vacant 1)
Others	00	00	00

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. B.R. Kaushal	Ph.D	Professor	Entomology/ Earthworm Ecology	35 years	06
Prof. M.N. Jyala	Ph.D	Professor &Head	Entomology	40 years	-
Prof. P. K. Gupta	Ph.D	Professor	Ecology/ Limnology/ Fish and Fisheries	32 years	01
Prof. H.C.S. Bisht	Ph.D	Professor	Ichthyology	16 years	07
Prof. S.P.S. Bisht	Ph.D	Professor	Molecular Biology/ Earthworm Biology	13 years	06
Dr. M.K. Arya	Ph.D	Asst. Prof.	Entomology/ Earthworm Ecology	7 years	-
Dr. Deepika Goswami	Ph.D	Asst. Prof.	Forest Entomology/ Insect diversity	7 years	-
Dr. Himanshu Pandey	Ph.D	Asst. Prof.	Entomology/ Earthworm Ecology	2years	-
Dr. Deepak K. Arya	Ph.D	Asst. Prof.	Microbiology/ Infection Biology	2 years	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of Professor/ Guest Lecturer	Address
Prof. Dinesh Kumar Gupta	Department of Zoology, B.H.U., Varanasi.
Prof. R. P. Singh	Retd. Professor of Dept. of Forestry, Kumaun University Nainital
Prof. N.P. Singh	Department of Zoology, Rajasthan University, Jaipur
Prof. G.C. Jain	Department of Zoology, Rajasthan University, Jaipur
Prof. R.C. Dubey	Department of Microbiology, G.K.V., Haridwar
Prof. Satpal Singh Bisht	RIPS, Beharampur University, Orissa

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Prof. Neelima Gupta	Department of Animal Sciences, Rohilkhand University, Bareilly
Prof. P. C. Joshi	Department of Zoology and Environmental Sciences, G.K.V. Haridwar
Prof. S. Banerjee	Department of Zoology, H.S.Gaur University, Sagar, M. P.
Prof. K. L. Tewari	Department of Biotechnology, Pt. Ravishankar University, Raipur
Prof. O. P. Gupta	Department of Zoology, H.S. Gaur University, Sagar, M. P.
Prof. Amitabh Krishna	Department of Zoology, B.H.U, Varanasi
Prof. B. C. Das	Ambedkar Centre of Biomedical Research, Delhi University, New Delhi

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

- UG - 33:1
- PG- 05:1
- Total (UG+PG) student teacher ratio: 38:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Post	Sanctioned	Filled	Actual
Store keeper/clerk	01	01	01
Lab Assistant	01	01	01
Lab Attendant	04	03	03 (01 vacant)
Animal catcher	01	Vacant	Vacant
Modeller	01	Shared with Dept. of Botany	
Sweeper	01	01	01

16. Research thrust areas as recognized by major funding agencies

- Vermitechnology.
- Insect Biodiversity
- Drosophila Cytogenetics
- Water quality monitoring of high altitude lakes
- Aquaculture

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17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the Investigator	Title of the project and duration	Amount sanctioned	Funding Agency
Prof. P. K. Gupta	Ecobiology of a mosquito fish, <i>Gambusia halbrooobi</i> for its control in Nainital Lake, 3 yrs	Rs. 7.5 lacs	G.B.P.I.H.E.D., Almora
Prof. P. K. Gupta	Water quality monitoring of Lake Nainital for its conservation and management, 8 yrs	Rs. 32.47 lacs	MOE&F, India and Uttarakhand Govt.
Prof. H. C. S. Bisht	Bionomics and culture prospects of the <i>Macrobrachium</i> sp. of Kumaun region of Uttarakhand including transportation trail for better yields, 2 yrs	Rs.3.06 lacs	U.C.S. & T. Dehradun

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	25
• Monographs	NA

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• Chapters in Books	2
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	1-235/52.67
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	37

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Dr.B.R.Kaushal - Visiting fellow to Finland (1987, 1990)
- Dr.Satpal Singh Bisht- Visiting Professor, St.Lukes Medical Centre, Philippines(2007)

26. Faculty serving in

- **National:**
 - a. Prof. B.R. Kaushal:
 - i. Gold Medal awarded by Indian Academy of Environmental Sciences, Haridwar (2009)
 - ii. Member of Expert panel for research funding agencies Department of Science & Technology, New Delhi
 - iii. Ministry of Environment & Forests, New Delhi
 - iv. Expert member of Commission for Scientific & Technical Terminology for Hindi-English Vocabulary in Biotechnology (Ministry of HRD, Department of Higher Education, New Delhi).
 - v. Member National Assessment Accreditation Council, Bangalore.
 - b. Prof. P.K. Gupta:
 - i. Honorary Fellowship: (1) National Institute of Ecology, India (2) Academy of Environmental Biology, India.
 - ii. Executive member- Academy of Environmental Biology, India.
 - iii. Vice-President- Academy of Environmental Biology, India
 - iv. Associate Editor of J. Ecophysiol. Occup. Health.
 - c. Prof. H.C.S. Bisht:
 - i. Company Commander Associate NCC Officer, 1/79 Bn NCC
 - d. Prof. S.P.S. Bisht:
 - i. Recipient of Rashtriya Gaurav Award 2011.
 - ii. Editor in Research and Reviews: Journal of Biotechnology, Research and

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Reviews: Journal of Life Science, Research and Reviews: Journal of Ecology.

- iii. Nodal Officer RUSA Kumaun University Nainital
- iv. Member Uttarakhand state working group for RUSA, Govt. of India.
- v. Member of the expert panel for RUSA, Govt. of Uttarakhand.
- e. Dr. Manoj K. Arya:
 - i. Honorary Fellowship (Indian Academy of Environmental Sciences), Haridwar.
 - ii. Assistant Editor of Journal of Environment and Bio-Sciences.
 - iii. Gold Medal awarded by Zoological Society of India during 25th All India Congress of Zoology, Haridwar (2014)

• **International:**

- a. Prof. B.R. Kaushal:
 - i. Visiting fellow to Finland (1987, 1990)
- b. Prof. P.K. Gupta:
 - i. Fellow of International Society for Conservation of Natural Resources, India.
- c. Prof. S.P.S. Bisht:
 - i. Visiting Professor, St. Lukes, Medical Centre, Philippines (2007).
 - ii. Reader, Panelist Nature Publishing Group, England.
 - iii. Referee, Assessment Unit Iran National Science Foundation, Iran
 - iv. Reviewer, Journal of Liquid Chromatography & Related Technologies, Taylor & Francis, Philadelphia, USA.
 - v. Associate Editor, International Journal of Zoological Research, USA.
 - vi. Associate Editor, International Journal Biotechnology, USA
 - vii. Associate Editor, Journal of Biological Sciences, USA
 - viii. Editor, Journal of Medical and Bioengineering, USA
 - ix. Reviewer, International Journal for Biotechnology and Mol. Biology Research.
 - x. Reviewer, Journal of Environmental Biology.
 - xi. Reviewer, Journal of Bioprocess & Biotechniques.
 - xii. Editor, International Journal for Biotechnology and Mol. Biology Research.
 - xiii. Editor, International Journal of Pharma and Bio Sciences.
 - xiv. Editor, International Journal of Bioscience, Biochemistry and Bioinformatics, Singapore.

• Editorial Boards	NA
• any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- **Dr. Manoj Kumar Arya:**
 - i. Orientation course from UGC- ASC, Kumaun University, Nainital.
 - ii. Refresher course from UGC- ASC, Kumaun University, Nainital.

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- iii. One week Workshop on Taxonomic Keys and Identification tools of different groups of flora and fauna at Gurukul Kangri University, Haridwar.
 - **Dr. Deepika Goswami:**
 - i. Orientation course from UGC- ASC, Kumaun University, Nainital.
 - ii. Refresher course in Life-science, 9 July-29 July, 2013.
 - iii. Ten days training programme in Central tusar institute Bhimtal, Nainital

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
 - Dr.Amrita Kumari Panda (2014) FEMS Young Scientist award (Saint Petersburg Russia).
- Doctoral / Post-Doctoral fellows NA
- Students NA
 - Miss.Neha Rajwar -DST-INSPIRE Fellowship (2014)
 - Miss.Niharika Singh Bisht- DST-INSPIRE Fellowship (2010)
 - Mr. Daya Kishan ,Rajiv Gandhi National Fellowship (2014)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- “National Seminar on Response of Eco-Biological Components to the Phenomenon of Global Warming (NSRG-2009), 26th -27th September 2009”.

31. Code of ethics for research followed by the departments

YES

32. Student profile programme-wise:

Name of the Programme	Applications Received/year	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.					
2009-10	60	02	15	100%	100%
2010-11	62	04	16	100%	100%
2011-12	65	08	11	100%	100%
2012-13	80	07	21	100%	100%
2013-14					

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33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	88%	NIL	08%	04%
Ph.D.	88%	NIL	12%	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET -01, SET – 02

35. Student progression

Student progression		Percentage against enrolled
UG to PG		12.5%
PG to M.Phil.		NA
PG to Ph.D.		10%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	Livestock development officer - 01 Bank officer - 01 Ph.D Fellows – 03 Project Fellows – 03
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	77.8%
from other universities within the State	NA
from universities from other States	22%
from universities outside the country	NA

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01 - Dr. Himanshu Lohani- Ph.D - 2011 – Kumaun University, Nainital.

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38. Present details of departmental infrastructural facilities with regard to

a) Library	A well-established library with more than 2000 books	
b) Internet facilities for staff and students	Departmental Computer lab with internet facility	
c) Total number of class rooms		04
d) Class rooms with ICT facility		01
e) Students' laboratories		02
f) Research laboratories		04

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university NA

Name of the student	Designation
Miss.Neha Rajwar	DST INSPIRE Fellow
Miss.Meena Kumari	Ph.D scholar
Mr.Daya Kishan	Rajiv Gandhi Fellow
Miss.Prachi Tamta	Ph.D scholar
Mrs.Asha Garia	Ph.D scholar
Mrs.Anuharika Chauhan	Ph.D scholar
Mrs.Nirupama Dalakoti	Ph.D scholar
Mrs.Jyoti	Ph.D scholar

- b) from other institutions/universities NA

Name of the student	Designation
Miss.Pallavi Kathil	Ph.D Scholar
Dr.Amrita Kumari Panda	Scientist

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

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43. List the distinguished alumni of the department (maximum 10)

- i. Dr.D.S.Semwal – IAS
- ii. Dr.Rajeev Joshi- IB Officer
- iii. Dr.Shamila Kalia-Scientist F
- iv. Dr.J.C.Punetha- Wildlife expert WWF
- v. Prof.Hema Tewari-Faculty G.B.Pant Univ.Aгри & Tech.Pantnagar.
- vi. Dr.Satpal Singh Bisht-Prof and Head Biotechnology, Central University Mizoram.
- vii. Dr.P.C. Joshi,Prof and Head Zoology,GKU,Haridwar.
- viii. Dr.Swetapadma Dash,Scientist D ,Head EBRC,ZSI,Gopalpur Orissa.
- ix. Prof.T.S.Gill Emeritus Professor
- x. Prof.Ajit Karnatak- Faculty G.B.Pant Univ.Aгри & Tech.Pantnagar

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- Invited lectures from eminent Professors.
- Field excursions
- Participation in training courses and seminars

45. List the teaching methods adopted by the faculty for different programmes.

- Conventional method chalk and walk
- OHP and multimedia classes using smart class room
- Interactive classes.
- Students seminars
- Group discussions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Employing the continuous assessment by conducting internal assessment

47. Highlight the participation of students and faculty in extension activities.

• Number of students participated in NCC:	30
• Number of students participated in NSS:	15
• Number of students participated in sports:	05
• Number of students participated in extracurricular activities:	20
• Number of students participated in community services:	25

48. Give details of “beyond syllabus scholarly activities” of the department.

Masters Degree seminars

- 2009-10 -----
- 2010-11 -----
- 2011-12: 25 Students (Lake Restoration: Aeration, Corals Coral Reeve, Applications of

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- Microbiology, Air-Borne Bacterial diseases)
- 2012-13: 25 Students (Bacteria Talk, Chromosomal disorder, Isolation, Biodiversity, Energy flow)
- 2013-14 : 25 Parental care in Amphibia, Pearl Culture in Gujarat, Bacteriophage, Vermicompost)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - Highly qualified, experienced and dedicated pool of faculty.
 - Strong student base and maintains high standards of education
 - Conducive atmosphere to carry out research and developmental activities
 - Well connected to the major research hubs and educational centres
 - Discipline among students has been ensured at all time in the department and university level, there has never been any incident of Students' Unrest or Closure of University.
- **Weaknesses**
 - The department is situated in a difficult hilly terrain and no possibility of the expansion.
 - The affiliated colleges are located at far off places from the University department due to which problems related to coordination and management arises frequently.
 - The number of faculties sanctioned by the government is inadequate so the department always suffers from shortage of faculty members.
 - The department has not been sanctioned adequate Grants for technical and sophisticated equipments and infrastructural facilities.
 - Poor interaction with industries and research institutions and inability to launch new academic programmes as per demand of the industry.
- **Challenges**
 - The department needs expansion space and facilities to accommodate the increasing number students.
 - Avenues regarding entrepreneurship in apiculture, vermiculture, fisheries and other relevant areas need to be explored.
 - The weather and the climatic conditions
 - Rich Biodiversity of the region provides scope for research in the field of life sciences.
 - High literacy rate in this region provides an opportunity for commencing skill enhancement and employment oriented programmes.

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- **Threats**

- i. Lack of economic prosperity in the region prevents resource generation through fees from students because their paying capacity is very low.
- ii. Due to insufficient educational and employment opportunities, the majority of the youth of this region migrates to other places.
- iii. Fast emergence of financially rich Private colleges and Universities in the vicinity
- iv. The region is prone to Natural disasters which affect the normal operations of the University.
- v. Sustainable development and loss of biodiversity

52. Future plans of the department.

- To initiate integrated M.Sc Degree course in Advanced Zoology
- To start applied short courses/specializations in Apiculture, Vermiculture, Composite Aquaculture, Fish Biotechnology, Medical Entomology and Parasitology.
- Induction of Computational Zoology and Insilco Biology to fill up the gap created by the removal of dissections from the curriculum.
- To upgrade the curriculum and start the Choice Based Credit System (CBCS).
- To receive funding from national and international agencies

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1. Name of the Department

Department of Zoology

2. Year of Establishment

1966

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Science

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D.

5. Interdisciplinary programmes and departments involved

Environmental Science

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

In Environmental Science (offered by Botany Department)

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	NIL	NIL
Associate Professors	NIL	NIL	01
Asst. Professors	06	06	04
Others	-	01	01

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig- nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Ila Bisht	M.Sc. Ph.D.	Associate Professor	Ichthyology	16	2
Dr. Sandeep Kumar	M.Sc. Ph.D. NET	Assistant Professor	Entomology	3	-
Dr. R.C.Mourya	M.Sc. Ph.D. NET	Assistant Professor	Cell Biology	3	-
Dr. Neha Rani Tomar	M.Sc. Ph.D. NET	Assistant Professor	Molecular Biology	11 Months	-
Dr. Mukesh Samant	M.Sc. Ph.D. NET	Assistant Professor	Microbiology	11 Months	-
Prof. S.K.Agarwal	M.Sc. Ph.D.	Teaching Personnel	Ichthyology	34	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

ONE

13. Percentage of classes taken by temporary faculty – programme-wise information

B.Sc. : 16 % ; M.Sc. : 15 %

14. Programme-wise Student Teacher Ratio

B.Sc.- 68:01; M.Sc.- 07:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Staff	Sanctioned	Filled	Actual (including CAS & MPS)
1. Administrative staff	1	1	1
2. Academic support staff:	4	3	3
i. Lab Assistant	1	1	1
ii. Photographer	1	-	-
iii. Animal Catcher	1	1	1
iv. Lab Bearer	1	1	1

**EVALUATIVE REPORT OF THE DEPARTMENT OF
ZOOLOGY, S.S.J. CAMPUS, KUMAUN UNIVERSITY**

16. Research thrust areas as recognized by major funding agencies

- Fish biology & Histochemistry

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE, DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	42
• Monographs	NA
• Chapters in Books	04
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ZOOLOGY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Faculty have participated in various Faculty recharging programmes organised by various UGC sponsored organizations.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: 100 % of M.Sc. IV semester students do project work
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

YES

EVALUATIVE REPORT OF THE DEPARTMENT OF ZOOLOGY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Sc. I	226	59	123	56%	82%
B.Sc. II	133	33	100	88%	85%
B.Sc. III	114	29	85	95%	96%
M.Sc. I Sem.	40	05	15	100%	100%
M.Sc. III Sem.	-	08	12	100%	100%
Ph.D.	-	01	01	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	95 %	nil	05 %	-
Ph.D.	80 %	Nil	20 %	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 01, GATE: 01, ICMR NET: 01

35. Student progression

Student progression		Percentage against enrolled
UG to PG		60%
PG to M.Phil.		NA
PG to Ph.D.		10%
Ph.D. to Post-Doctoral		NA
Employed		
☐	Campus selection	NA
☐	Other than campus recruitment	NA
Entrepreneurs		NA

36. Diversity of staff

Percentage of faculty who are graduates		
of the same university		33%
from other universities within the State		33%
from universities from other States		33%
from universities outside the country		NA

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37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

FOUR

38. Present details of departmental infrastructural facilities with regard to

a) Library	Yes: 1790 books available
b) Internet facilities for staff and students	YES
c) Total number of class rooms	02
d) Class rooms with ICT facility	NA
e) Students' laboratories	02
f) Research laboratories	01

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	06

Name of student/ Researcher	Academic programme
i. Dr. Bhanu Pratap	Ph.D.
ii. Dr. S.C. Joshi	Ph.D.
iii. Dr. Manisha Tiwari	Ph.D.
iv. Mr. Hoshiyar Singh	Thesis submitted
v. Mr. Ankit Joshi	Pursuing Ph.D.
vi. Ms. Perna Sharma	Pursuing Ph.D.

b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

EVALUATIVE REPORT OF THE DEPARTMENT OF ZOOLOGY, S.S.J. CAMPUS, KUMAUN UNIVERSITY

43. List the distinguished alumni of the department (maximum 10)

Name of the Alumni	Position held
i. Prof. A.P.Sharma	Ex.Vice-chancellor of GBPUAT,Pantnagar
ii. Prof. Kumkum Sah	Teaching faculty at GPGC,Pithoragarh
iii. Prof. Suchita Sah Mehta	Teaching faculty at MBPGC,Haldwani
iv. Prof. J.K.Pathak	Teaching faculty at Hindu College,Muradabad

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

- Chalk & board Method and through LCD projector.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- By conducting seminar presentation and internal evaluation time to time.

47. Highlight the participation of students and faculty in extension activities.

- Regular participation of Undergraduate students in NSS programmes.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Motivate the students for the preparation of NET and GATE examinations.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Research specialization of the faculty is suitable for generating modern bio-techniques viz., Animal biosystematics, molecular biology, immunology, neuroscience, reproductive biology and insect-pest management.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths:**
 - i. Departmental building is well enough to run the teaching and research activities.
 - ii. The R&D themes on which the faculty members are focused on advanced and industrial biology.

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- iii. providing job oriented specialization programme (Fish & Fisheries & Entomology) at Master's level

- **Weaknesses:**

- i. Faculty-Student ratio is low.
- ii. Insufficient technical/supporting staff
- iii. Inadequate basic research facility

- **Challenges:**

- i. Motivation of students towards research and innovation
- ii. Strategy for improvement in attendance (more than 70 per cent) at UG Level

52. Future plans of the department.

- To strengthen the research facility of department under the financial support of Various research funding agencies
- To strengthen the research activities by increasing more number of research scholars through running research projects
- To conduct training programme on fish culture and production of bio-insecticides & bio-control agents in context of cottage-industry establishment
- Collection, preservation and identification of local fish and entomofauna under RUSA scheme of Government of India

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1. Name of the Department

Department of Pharmaceutical Sciences

2. Year of Establishment

1998

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Technology

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG Bachelor of Pharmacy (B. Pharm.)
- PG Master of Pharmacy (M. Pharm.) in four specialisations
 - Pharmaceutics
 - Pharmacognosy
 - Pharmacology
 - Pharmaceutical chemistry
- Ph.D. Pharmaceutical sciences

5. Interdisciplinary programmes and departments involved

- Research and Extension program of the university in collaboration with Department of Chemistry, Department of Botany and Department of Biotechnology, whereby Ph.D. scholars and the M. Pharm students have their Ph. D and M. Pharm dissertation work in the respective departments.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- The proposal of International Medical University, Department of Pharmacy practice, Kuala Lumpur, Malaysia for a joint/ collaborative research program is under review. (Annexure 1)
- The proposal of Department of Pharmacy, Tribhuvan University, Manmohan Memorial Institute of Health Sciences, Kathmandu, Nepal for a joint/ collaborative Ph. D program is under review.

7. Details of programmes discontinued, if any, with reasons

- NA - All the programs started in the department are running continuously till date.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Semester

9. Participation of the department in the courses offered by other departments

- Direct involvement in the teaching of the curricula is not underway at present, however the department is regularly consulted and visited for the rich library and laboratory facilities.

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Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	1	01
Associate Professors	02	01	01
Asst. Professors	06	06	06
Others	--	07	07

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali- fication	Desig-nation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Vijay Juyal	Professor & Head	Dr. Vijay Juyal	Hospital pharmacy	18	15
Mr. B. K. Singh	Associate Professor	Mr. B. K. Singh	Pharm. Chemistry	33	
Dr. Kumud Upadhayaya	Assistant Professor	Dr. Kumud Upadhayaya	Pharmacog nosy	19	
Dr. Anita Singh	Asstt. Professor	Dr. Anita Singh	Pharm. Chemistry	18	09
Mrs. Archana Negi Sah	Asstt. Professor	Mrs. Archana Negi Sah	Pharmacog nosy	11	03
Dr. Tirath Kumar	Asstt. Professor	Dr. Tirath Kumar	Pharmacol ogy	09	04
Dr. Mahendra Rana	Asstt. Professor	Dr. Mahendra Rana	Pharmacog nosy	09 year	04
Mr. Rajeshwar Kamal Kant Arya	Asstt. Professor	Mr. Rajeshwar Kamal Kant Arya	Pharmaceut ics)	06	
Mrs. Amita Joshi Rana	Asstt. Professor Contractual	Mrs. Amita Joshi Rana	Pharm. Chemistry	06 year	
Mrs. Virender Kaur	Asstt. Professor Contractual	Mrs. Virender Kaur	Pharm. Chemistry	06	
Mr. Tanuj Joshi	Asstt. Professor Contractual	Mr. Tanuj Joshi	Pharmacol ogy	04	
Ms. Preeti Khulbe	Asstt. Professor Contractual	Ms. Preeti Khulbe	Pharmaceut ics)Contrac tual	04	
Ms. Aarti Khulbe	Asstt.	Ms. Aarti	Pharmacol	04	

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	Professor Contractual	Khulbe	ogy		
Mr. Aadesh Kumar	Asstt. Professor Contractual	Mr. Aadesh Kumar	Pharmaceutics)	04	
Mr. Dheeraj Bisht	Asstt. Professor Contractual	Mr. Dheeraj Bisht	Pharm. Chemistry	07 year	

11. List of senior Visiting Fellows, adjunct faculty, emeritus professors

1. Prof. K. S. Khetwal, Department of Chemistry, D. S. B. Campus, Nainital
2. Prof. Ganga Bisht, Department of Chemistry, D. S. B. Campus, Nainital
3. Prof. C. K. Pant, Department of Chemistry, D. S. B. Campus, Nainital
4. Prof. A. B. Melkani, Department of Chemistry, D. S. B. Campus, Nainital
5. Prof. S. P. S. Mehta, Department of Chemistry, D. S. B. Campus, Nainital
6. Prof. P. C Kavidayal, Department of Management Studies, Kumaun University Campus Bhimtal
7. Dr. L. K. Singh, Department of Management Studies, Kumaun University Campus Bhimtal
8. Dr. Amit Joshi, Department of Management Studies, Kumaun University Campus Bhimtal
9. Dr. Veena Pande, Department of Biotechnology, Kumaun University Campus Bhimtal
10. Prof. P. S. Kalsi, Retired Professor Chemitry, Panjab University
11. Dr. G. S. Bedi, General Manager, IDPL, Rishikesh
12. Dr. A. K. S. Rawat, Head, Pharmacognosy and Ethnopharmacology Division, NBRI, Lucknow

12. Percentage of classes taken by temporary faculty – programme-wise information

- 51.38%

13. Programme-wise Student Teacher Ratio

- UG (BPharm) 1:8
- PG (MPharm) 5:1

14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled Up	Actual (including CAS and MPS)
• Academic support staff (technical)	06	06	06
• Administrative staff	01	01	01
• Others	03	03	03
• Contractual	08	08	08
• Outsourced	02	02	02

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15. Research thrust areas as recognized by major funding agencies

- Novel Drug delivery System
- Nanotechnology
- Phytochemistry and Pharmacognosy of Medicinal and Aromatic Plants of Himalayan Region
- Phytochemistry and Pharmacognosy of lower plants
- Pharmacological investigations of plant based drugs
- Drug Interactions

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- 01 project titled ‘Pharmacognostical investigations on Bryophytes and their evaluation for pharmaceutical applications’ under Career Award for Young Teachers funded by AICTE worth Rs. 1.40 Lakhs.

17. Inter-institutional collaborative projects and associated grants received

- a) National collaboration b) International collaboration
- Currently collaborative projects are undertaken by M. Pharm students of the department to undergo their final year dissertation research work.

18.	Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- MODROBS funded by AICTE worth Rs. 14.5 Lakhs.
- EDC funded by AICTE worth Rs. 5 Lakhs.
- CAYT funded by AICTE worth Rs. 1.40 Lakhs.

19. Research facility / centre with

• State recognition ○ High Altitude Himalayan Aromatic and Medicinal Plants Laboratory ○ Animal House Facility with Institutional Animals Ethics Committee and Human Ethics Committee ○ Repository of Medicinal and Aromatic plants ○ New Drug Delivery systems Laboratory ○ Laboratory for Pharmacokinetic and Pharmacodynamic studies ○ Central Instrumentation facility • National recognition ○ MoU signed with NBRI Lucknow • International recognition	NA

20. Special research laboratories sponsored by / created by industry or corporate bodies

NA

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21. Publications:

• Number of papers published in peer reviewed journals (national / international)	149 / 29
• Monographs	NA
• Chapters in Books	02
• Edited Books	NA
• Books with ISBN with details of publishers	04
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	01
• Citation Index – range / average	21-167/ 55.4
• SNIP	2.074
• SJR	1.031
• Impact Factor – range / average	2.468
• h-index	68

22. Details of patents and income generated

NA

23. Areas of consultancy and income generated

- Consultancies provided free of cost to academic/ research institutions of Uttarakhand in areas of:
 - Starting up of new courses and programs in pharmacy
 - Development of Infrastructure as per norms of regulatory bodies
 - Devising and reforming course curricula
 - Development of research facilities in key areas of Pharmacy

24.	Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- **International** Prof. Vijay Juyal visited Australia (as a member PCI)
Singapore (as a member PCI)
- **National**
 1. Prof. Vijay Juyal (as a inspector PCI
 2. Dr. Anita Singh (as a inspector PCI)

25. Faculty serving in

a)	National committees	NA
b)	International committees	NA
c)	Editorial Boards	NA
d)	any other (please specify)	NA

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26. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- **Orientation**
 - i. Dr. Kumud Upadhyaya 01
 - ii. Dr. Anita Singh 01
 - iii. Dr. Archana N. Sah 01
 - iv. Dr. Tirath Kumar 01
 - v. Dr. Mahendra Rana 01
- **Refresher**
 - i. 1-Dr. Kumud Upadhyaya 01
 - ii. 2-Dr. Anita Singh 01
 - iii. 3-Dr. Archana N. Sah 01
 - iv. 4-Dr. Tirath Kumar 01
 - v. 5-Dr. Mahendra Rana 01
- **Workshop/Training**
 - i. 1-Dr. Archana N. Sah 02
 - ii. 2-Mr. Rajeshwar Kamal Kant Arya 01
- **QIP**
 - i. Dr. Anita Singh
 - ii. Dr. Mahendra Rana
 - iii. Mr. Rajeshwar Kamal Kant Arya
 - iv. Ms. Preeti Khulbe
 - v. Mr. Nitin Kunwar

27. Student projects

- percentage of students who have done in-house projects including inter-departmental projects 10%
- percentage of students doing projects in collaboration with other universities / industry / institute 90%

28. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows NA
- Students NA

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

30. Code of ethics for research followed by the departments

The Ph. D program is conducted in the University as per the norms enshrined in the Ph. D ordinances made by the Directorate of Research and Extension, Kumaun University, Nainital. Salient features of the same are extracted as under:-

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- i. Research is to be carried out in a centre recognized by the university.
- ii. Researcher has to undergo 6 months of Pre- Ph. D course work
- iii. Regular attendance is required during the course work.
- iv. The researcher must also put at least 200 days over a period not less than 24 months to pursue his/ her research.
- v. Registration/ Admission may be cancelled on any report of unsatisfactory progress of research or conduct.
- vi. Atleast one research paper must be published by the researcher from the work before submission of the thesis.
- vii. The researcher must defend the research work in front of the scholar and faculty of the department before final submission.
- viii. The researcher must also obtain a certificate from the Central Library, Kumaun University to the effect that the PDF file of the thesis has been scanned through anti piracy software.
- ix. The thesis must be a research work characterized either by discovery of facts or fresh approach towards interpretation of facts and theories
- x. The thesis must advance the knowledge in the subject.
- xi. It should be satisfactory with respect to language and presentation of subject matter.
- xii. The University shall have the right to withdraw or cancel the already awarded degree if it is found that there is no originality or genuineness in the thesis.

31. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B. Pharma	622	335	287	99	99
M. Pharma	419	280	197	100	100
PhD	31	16	15	--	--

32. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B. Pharma	100	0	0	0
M. Pharma	30.6	49.15	20.25	0
PhD	30.98	23.80	30.98	0

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33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

1. GPAT Qualified

Year 2008		
Sl No.	Name	AIR
1	Ram kumar Jha	35
2	Prashant Kumar	--
3	Pankaj Garkoti	--
4.	Pankaj Pant	--
Year 2009		
5	Yuvraj Singh	1201
6	Namita Parmar	--
7	Deepak Chamoli	--
Year 2010		
8	Yuvraj Singh	02
9	Apoorva Joshi	635
10	Rajendra Singh Mehta	2234
11	Manoj Bhardwaj	3219
12	Sunita vaila	--
Year 2011		
13	Neha Yadav	1085
14	Dharni Joshi	2056
15	Anupam Bhandari	6632
16	Govind RAjpal	9876
Year 2013		
17	Deepak kumar	2540
18	Kavita Jethi	2834
19	Sandeep Butola	3385
20	Prach Mall	3740
Year 2014		
21	Lalit Mohan	21
22	Manish Dalakoti	570
23	Prashant Kumar	729
24	Prachi Joshi	932
25	Kamlesh Nailwal	1410
26	Ravindra Vidhyarthi	1766
27	Nidhi	1818
28	Chetan Singh Bisht	2160
29	Vibha Sharma	--
30	Sangeeta Verma	2303
31	Shweta Kala	2554
32	Aarti khulbe	3012
33	Ritika kuashik	3696

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2. DEFENCE Services

Sl	Name of student	
1.	Deepak Chamoli	CDS
2.	Rahul	CRPF
3.	Harish Singh Mehra	CRPF

34. Student progression

Student progression	Percentage against enrolled
UG to PG	28%
PG to M.Phil.	NA
PG to Ph.D.	3.4%
Ph.D. to Post-Doctoral	0
Employed	
☐ Campus selection	10%
☐ Other than campus recruitment	90%
Entrepreneurs	NA

35. Diversity of staff

Percentage of faculty who are graduates	
of the same university	43
from other universities within the State	14
from universities from other States	43
from universities outside the country	0

36. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

03

37. Present details of departmental infrastructural facilities with regard to

- a) Library – 110 + 20 sq mtr
 Sitting capacity of 65 students
 Total no. of books 4945, no. of journals national 29, international 12
- b) Internet facilities for staff and students
 41 Computer for students (with wi-fi facility)
 08 Computer for faculty (with wi-fi facility)
- c) Total number of class rooms 06
- d) Class rooms with ICT facility 06
- e) Students' laboratories 09
- f) Research laboratories 00

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38. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university

i. Mr. Aadesh Kumar	v. Ms. Gunjita Belwal
ii. Mr. Devesh Kumar	vi. Ms. Priyanka Harbola
iii. Mr. Tanuj Joshi	vii. Ms. Shweta Pandey
iv. Ms. Neha Joshi	viii. Ms. Sweta Bawari

b) From other institutions/universities

i. Mrs. Divya Juyal	xi. Mr. Harikesh Maurya
ii. Mrs. Archana N. Sah	xii. Mr. Manoj Bisht
iii. Mr. Piyush Mittal	xiii. Mr. Naveen Chandra Pant
iv. Mrs. Alka N. Choudhry	xiv. Mr. Prashant Kumar
v. Mr. M.L.Sah	xv. Mr. Premshankar Gupta
vi. Mr. Naresh Kumar	xvi. Mrs. Babul Kumari
vii. Mr. Rajeshwar Kamal Kant Arya	xvii. Mrs. Deepika Verma
viii. Mrs. Amita J. Rana	xviii. Ms. Himani Bajaj
ix. Mr. Arun Kumar	xix. Mrs. Jyoti Upadhyay
x. Mr. Binod Kumar Singh	xx. Ms. Ruchi Solanki

39. Number of post graduate students getting financial assistance from the university.

- Nil

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Post-independence, the pharmacy profession and education have undergone a sea change as a provider of healthcare services in India. Currently, the pharmaceutical industry is also undergoing unprecedented changes. With its enormous advantages, including a large, well-educated, skilled and English-speaking workforce, low operational costs, and improving regulatory infrastructure, India has the potential to become the region's hub for pharmaceutical and biotechnological discovery research, manufacturing, exporting, and healthcare services within the next decade.

Nestling snugly atop the tarai region of the Nainital, Uttarakhand and the satellite towns has been a centre of Knowledge seekers from time immemorial. The Department of Pharmaceutical Sciences is presently situated in Bhimtal, catering to the needs of one of the remotest and difficult hilly terrains. The department is approved by Pharmacy Council of India U/S- 12 and the B. Pharm and M. Pharm courses run in the department are also approved by All India Council for Technical Education.

The key objectives for the need assessment exercise were:-

- i. To develop a centre for knowledge creation in the field of pharmaceutical sciences
- ii. To nurture and promote excellence in Pharmaceutical Education and Research
- iii. To develop a centralized facility for research in the application areas of pharmaceutical, environmental, biological, medicine, allied and interdisciplinary sciences.
- iv. To develop an information centre on drugs and pharmaceutical care
- v. To act as a nucleus for academia and industry interaction
- vi. To foster strong interdisciplinary approach provides expertise across pharmaceutical sciences and process engineering

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Methodology:-

- i. Interaction with stakeholders during Pharmacy week.
- ii. Interactions/ Special lectures of people from academia/ research and industry.
- iii. Ideas sharing platform provided to potential students.
- iv. Consultation and information exchanged vide the counseling and public relations personnel.
- v. Information sharing during formal meetings.
- vi. Diversity in composition of Board of Studies and Faculty board with experts from academics, research and industry.

Outcomes of the analysis:-

- i. The increase in intake of the undergraduate program in Pharmacy is proposed to tap the unprecedented inclination of students towards education pharmacy and allied health services
- ii. The industry linked programs are proposed to meet the ever increasing demand of the industry to employ people with specialized skills to fulfil the organizational expectations and the job requirements.
- iii. The short duration programs are proposed to boost employability.
- iv. The upgradation program are proposed from working professionals in the form of bridge courses.

41. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Methodology:-

- i. Interaction with faculty and Information sharing during formal departmental meetings.
- ii. Interactions during meetings of Board of studies.
- iii. Interactions during meetings of Faculty Board.
- iv. Interactions during meetings of Academic Council.
- v. Interactions during meetings of Executive Council.
- vi. Consultation and information exchange internal examination in charge.
- vii. Consultation and information exchange academic program in charge
- viii. Ideas sharing platform provided to faculty by having a flexible administrative hierarchy.

Utilization of feedback:-

- i. Regular updation of the syllabi as per the suggestions and demands.
- ii. Reforms in evaluation systems adopted as the suggestions.
- iii. The evaluation system has been divided in accordance to the suggestion of the faculty into:-
 - a. Internal evaluation

EVALUATIVE REPORT OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, KUMAUN UNIVERSITY

- b. External evaluation
- c. Evaluation on punctuality, sincerity and efforts put in by the students in grasping the knowledge disseminated.
- iv. Reforms in teaching learning process adopted as per the demand and suggestions of the faculty with incorporation of:-
 - a. Smart classroom
 - b. LED multimedia projector
 - c. LCD multimedia projectors
 - d. OHP

42. List the distinguished alumni of the department (maximum 10)

- i. Mr. Naresh Agrawal, Asst. Drug Controller, Chandigarh
- ii. Dr. Divya Juyal, Director, HIPER, Dehradun
- iii. Mr. Piyush Mittal, Faculty, International Medical University, KUALAMPUR, Malaysiya
- iv. Mr. Zafar Parvez Khan, Regularity Affairs Manager, Glasko Smith Klime
- v. Mr. Anup Kumar Mishra, Regularity Affairs Manager, Glenmark
- vi. Dr. Vivek Khanna, Senior Scientific Writer Global Medical Operations, Novartis
- vii. Dr. Durganand Tripathi, Post Doc. Research Associate, UTMP Anderson Cancer Centre Texas U.S.A
- viii. Mr. Hemant Negi, Drug Licensing Authority, Kumaon State Health Deptt. Uttarakhand
- ix. Mr. Kaushal Kumar, Asst. Prof., Dept of Pharma Science, M.J.P Rohilkhand University Bareilly
- x. Ms. Kamakshi Bankoti, Research Fellow, IIT, Kharagpur,

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Eminent personalities in the field of pharmacy associated with academic institutions across the country visit the department consistently to enlighten the students with their views sharing their experiences.

- i. Prof. B. Mishra, Dept. of Pharmaceutics, ITBHU, Baranasi
- ii. Prof. B.D.Lakhchoura, G.B.Pant University, Pantnagar Uttarakhand
- iii. Dr. D.K. Jain, Principal, College of Pharmacy, IPS Academy, Dawa Bazar, Indore
- iv. Dr. M. R. Yadav, Head, Dept. of Pharmacy, M.S. University, Baroda
- v. Dr. S.N. Pandya, Dept. of Pharmaceutics, I.T.B.H.U, Baranasi
- vi. Dr. Shailendra Kumar Sarraf, B.B.D. NITM. Lucknow
- vii. Prof. P.S. Kalsi, Retired Professor Chemistry, Punjab University
- viii. Dr. G.S. Bedi, General Manager, IDPL, Rishikesh
- ix. Dr. A.K.S. Rawat, Head, Pharmacognosy and Ethno pharmacology Division, NBRI, Lucknow.

The department is visited by people from the industry to give an insight into the intricacies of the drug business world.

- i. Mr. G. S. Bedi, IDPL, Rishikesh
- ii. Mr. R. Raghu, Schrodinger, Bangalore
- iii. Mr. Anoop Kumar Mishra, Glenmark, New Delhi

EVALUATIVE REPORT OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, KUMAUN UNIVERSITY

- iv. Mr. Vijay Masiwal, Sun Pharmaceuticals, Baroda
- v. Mr. Nirmal Khati, Dr. Reddy's, Hyderabad
- vi. Mr. Sindhu Tewari Dr. Reddy's, Hyderabad

44. List the teaching methods adopted by the faculty for different programmes.

Several initiatives to improve the teaching environment have been taken which includes:-

- State-of-art interactive classroom has been developed to make the learning experience enjoyable and participatory.
- Audio Visual Aids like L. C. D. and O. H. P. are used as per requirement to facilitate the learning process which includes
 - Slide based teaching (Powerpoint, OHP)
 - Movies based teaching (Winamp, media player)
 - Book based (Adobe acrobat)
 - Laboratory demonstrations (Ex-pharm)
- Journal Clubs have been formulated to have serious academic discussions on the latest advances in the field of Pharmaceutical Sciences.
- Hands on Trainings are imparted in various equipments to students to acquaint them with the various processes.
- Regular field treks are organized to acquaint the students with the medicinally important floral wealth of the region
- Traditional approach of knowledge sharing with increased participation of the students via two way communications
- Mind maps are promoted
- Mnemonics are frequently used
- Z to A approach is used more often
- Case studies are incorporated
- Situational analysis is adopted

45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

MONITORING OF PROGRAMME OBJECTIVES AND LEARNING OUTCOMES

- Orientation course are regularly conducted to harness the teaching skills of the young faculties.
- Career Advancement Programs to motivate the faculty.
- Feedback mechanism from stakeholders initiated
- Class assignments are taken to assess growth
- Regular department monitoring done by academics and internal examination incharge
- Ideas sharing encouraged regarding perpetual growth
- Mock drills are taken up.
- Field assessment of the techniques learned is demonstrated during Pharmacy week programs

EVALUATIVE REPORT OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, KUMAUN UNIVERSITY

46. Highlight the participation of students and faculty in extension activities.

- Department of Pharmacy has been actively engages students and faculty fulfilling its social commitment providing basic information to the people around
- Department of Pharmacy has been instrumental in providing free ocular care to the poor people around.
- Research with societal emphasis is encouraged
- Methods for obtaining better yield of aromatic oils have been demonstrated
- Methods for analysis of pathological conditions is demonstrated regularly for the local inhabitants

47. Give details of “beyond syllabus scholarly activities” of the department.

- Community service
- Cultural programs
- Professional development platform for personal development and ideas sharing
- Regular conduction of pharmacy week to inculcate the a sense of belongingness to the society as well as to the profession
- Field trips to explore the biodiversity of the region
- Industrial visit and tour programs to widen one’s vision of the pharmaceutical industry
- Proposal for international student and faculty exchange programs underway
- Sports events are organized to provide a platform to showcase their talent.
- Department has its own training and placement cell to guide the students with career related queries and provide a platform for the companies to tap the well groomed intellect of the department.
- Eminent personalities in the field of pharmacy associated with academic institutions across the country visit the department consistently to enlighten the students with their views sharing their experiences.
- The department is also visited by people from the industry to give an insight into the intricacies of the drug business world.
- Industry Student interface is encouraged with regular talks of people from the industry including SUN Pharma, Ranbaxy, Venus Remedies, Glenmark, IDPL etc.

48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- i. **AICTE**- The four year B. Pharm course and Two year M. Pharm courses in 4 specializations are approved by All India Council for Technical Education(Letter no Ref. No. Northern /1-1478530672/2013/EOA, Dated 19-03-2013)
- ii. **PCI** – The department is approved by PCI U/S- 12 for conducting B. Pharm course up to session 2013-14 (Letter no. 32-328/2010-PCI/31262-63 Dated 18-Oct-2011)
- iii. **CPCSEA** – Approval from CPCSEA which is required for experiments on animal. For the same Departments animals ethics committee has been constituted as per government laws. (Letter no.25/1/99-AWD, Reg. no.490/01/a/CPCSEA).

EVALUATIVE REPORT OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, KUMAUN UNIVERSITY

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- i. The first education institute in the entire state to start Post Graduate teaching in Pharmacy in four Disciplines (Pharmaceutics, Pharmacology, Pharm. Chemistry, Pharmacognosy)
- ii. The First education institute in the entire state to start Ph. D. Program in Pharmacy to upgrade its young teachers and to open avenues for research activities
- iii. The Department has been declared Centre for Continuing Education Program by State Pharmacy Council, Govt. of Uttarakhand, Dehradun
- iv. The major research areas identified by the departments are:
 - Novel Drug delivery System
 - Nanotechnology
 - Phytochemistry and Pharmacognosy of Medicinal and Aromatic Plants of Himalayan Region
 - Phytochemistry and Pharmacognosy of lower plants
 - Pharmacological investigations of plant based drugs
 - Drug Interactions
- v. Research contributions have been highlighted in the detailed faculty profile above.

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- i. Only State University in the State offering Bachelor's, Master's and Doctoral degrees in Pharmacy
- ii. Young and dynamic staff
- iii. Good environmental and work culture to boost academic and research pursuits
- iv. Rich library, Laboratory and ICT facility
- v. Hassle free administrative hierarchy

Weakness

- i. Remote and Hilly terrain hampers efficient communication.
- ii. Financial support deficient.
- iii. Harsh living condition hampers academic and research pursuits.
- iv. Lack of international exposure derails the benchmarking process.
- v. Deficiency of highly specialized equipments/ instruments to foster innovative research

Opportunities

- i. Leaders in Pharmacy education in the nascent state.
- ii. International collaboration in academic and research in the offing
- iii. Strong base of alumni network is growing.
- iv. Rich biodiversity region for intensive research
- v. Pharmaceutical companies have initiated formulation and development in the state and require a constant supply of skilled manpower

Challenges

- i. Mushrooming of Private institutions.
- ii. Uttarakhand state is still in its infancy

EVALUATIVE REPORT OF THE DEPARTMENT OF PHARMACEUTICAL SCIENCES, KUMAUN UNIVERSITY

- iii. Multi regulated program therefore fighting for its identity amongst professional and traditional programs.
- iv. Lacklustre approach of students towards all professional programs.
- v. To attract maximum funding through research projects/ patents and consultancy services

51. Future plans of the department.

- Revamping B. Pharm course with increase in intake to 45 seats.
- More PG courses to cater the needs of the people in the region is on the offing.
- Likely that the Pharm. D course starts in the coming times with the availability of adequate hospital facility in the vicinity.
- Proposed new courses in self financed mode
 - i. Diploma in Pharmacy
 - ii. B. Pharm in Pharmacy Practice (Bridge course)
 - iii. M. Pharm in Pharmaceutical Analysis
 - iv. M. Pharm in Quality Assurance
 - v. M. Pharm in Pharmaceutical Management and Drug Regulatory Affairs
 - vi. M. Pharm in Hospital Administration and Pharmacy Practice
 - vii. M S. in Pharmaceutical Chemistry
 - viii. M. S in Ethnobotany and ethnopharmacology
 - ix. PG Diploma in Biotechniques in Medicinal and Aromatic Plants
 - x. PG Diploma in Alternative medicine
- Industry oriented courses in collaboration with Entrepreneurship Development Cell
 - i. Certificate/ Diploma/ PG Diploma in Drug Store and Inventory Control Management.
 - ii. Certificate/ Diploma/ PG Diploma in Drug Regulatory Affairs.
 - iii. Certificate/ Diploma/ PG Diploma in Pharmaceutical Marketing
 - iv. Certificate/ Diploma/ PG Diploma in Pharmaceutical Production Management
 - v. Certificate/ Diploma/ PG Diploma in Good Manufacturing Practices
 - vi. Certificate/ Diploma/ PG Diploma in Packaging Technology of Pharmaceutical Products
 - vii. Certificate/ Diploma/ PG Diploma in Community Pharmacy.
 - viii. Certificate/ Diploma/ PG Diploma in Cultivation and Post Harvest Technology of Medicinal Plants.
 - ix. Certificate/ Diploma/ PG Diploma in Intellectual Property Rights and Patent Regime.

EVALUATIVE REPORT OF THE DEPT. OF DRAWING & PAINTING, DSB CAMPUS, KUMAUN UNIVERSITY

1. Name of the Department

Department of Drawing and Painting

2. Year of Establishment

1980

3. Is the Department part of a School/Faculty of the university?

Yes, Art Faculty and Visual Art Faculty

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

UG, PG, Ph.D.

5. Interdisciplinary programmes and departments involved

N.A.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

N.A.

7. Details of programmes discontinued, if any, with reasons

N.A.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

UG - Annual and PG - Semester

9. Participation of the department in the courses offered by other departments

N.A.

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professors	-	-	-
Asst. Professors	01	01	01
Others	-	-	-

EVALUATIVE REPORT OF THE DEPT. OF DRAWING & PAINTING, DSB CAMPUS, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Prof. M. S. Mawri, Head.	M.A., Ph.D., D.Litt.	Professor	Folk Art and Tantra Art.	26 years	-
Dr. Reena Singh.	M.A., Ph.D.,	Asst. Professor	Printmaking	8 years	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

N.A.

13. Percentage of classes taken by temporary faculty – programme-wise information

N.A.

14. Programme-wise Student Teacher Ratio

1:92

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

01- Class III and 01- Class IV.

16. Research thrust areas as recognized by major funding agencies

N.A.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

N.A.

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration N.A. b) International collaboration N.A.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

N.A.

EVALUATIVE REPORT OF THE DEPT. OF DRAWING & PAINTING, DSB CAMPUS, KUMAUN UNIVERSITY

20. Research facility / centre with

• State recognition	YES
• National recognition	YES
• International recognition	YES

21. Special research laboratories sponsored by / created by industry or corporate bodies

N.A.

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	14
• Monographs	NA
• Chapters in Books	NA
• Edited Books	NA
• Books with ISBN with details of publishers	NA
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

N.A.

24. Areas of consultancy and income generated

N.A.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

N.A.

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

YES

EVALUATIVE REPORT OF THE DEPT. OF DRAWING & PAINTING, DSB CAMPUS, KUMAUN UNIVERSITY

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

- Faculty NA
- Doctoral / Post-Doctoral fellows 02 Ph.D. Scholars, 01- RJRF, 01- JRF
- Students NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

N.A.

31. Code of ethics for research followed by the departments

N.A.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.A.		28	100		
M.A.		5	55		
Ph.D.		6	6		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

04 NET Qualified.

EVALUATIVE REPORT OF THE DEPT. OF DRAWING & PAINTING, DSB CAMPUS, KUMAUN UNIVERSITY

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
☐ Campus selection	
☐ Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	01
from other universities within the State	-
from universities from other States	01
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

01

38. Present details of departmental infrastructural facilities with regard to

a. Library	NA
b. Internet facilities for staff and students	NA
c. Total number of class rooms	04
d. Class rooms with ICT facility	YES
e. Students' laboratories	YES
f. Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

N.A.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

N.A.

EVALUATIVE REPORT OF THE DEPT. OF DRAWING & PAINTING, DSB CAMPUS, KUMAUN UNIVERSITY

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NA
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NA
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

N.A.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

N.A.

45. List the teaching methods adopted by the faculty for different programmes.

N.A.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

N.A.

47. Highlight the participation of students and faculty in extension activities.

N.A.

48. Give details of “beyond syllabus scholarly activities” of the department.

N.A.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

N.A.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

N.A.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

N.A.

52. Future plans of the department.

Opening BFA and MFA courses

EVALUATIVE REPORT OF THE DEPARTMENT OF DRAWING AND PAINTING, S.S.J. CAMPUS

1. Name of the Department

Department of Drawing and Painting, S.S.J. Campus

2. Year of Establishment

1984/ 2005(BFA)

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Arts

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG:
- PG:
- Ph.D. & D.Litt.

5. Interdisciplinary programmes and departments involved

Ph.D.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- UG: Annual
- PG: Semester

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NA	NA / 01 by PP	NA / 01 by PP
Associate Professors	01	01	01
Asst. Professors	01	01	01
Others	--	--	--

EVALUATIVE REPORT OF THE DEPARTMENT OF DRAWING AND PAINTING, S.S.J. CAMPUS

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Speciali- zation	No. of Years of Expe- rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Professor (Dr.) Shekhar Chandra Joshi	Diploma AMT, M.A., Ph.D., D.Lit.	Professor, Head & Dean	Drawing & Painting, History of Art	26	4
Dr. Sonu Dwevedi	M.A. Ph.D.	Associate Professor	Painting	7	NIL
Dr. Sanjeev Arya	M.A. Ph.D.	Assistant . Professor	Painting	7	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. Suneel Kumar, Director School of Performing and Visual Art B- 201, IGNOU, Academic Complex, Maidan Gari, Delhi, 110067
- Prof. Sadre Aalam, HOD of Painting, Jamiya Miliya University, New Delhi
- Dr. Hemant Dwivedi, Painting Department, M.L. Shukhadiya University, Udaipur
- Prof. Ravindra Mishra, HOD of Painting Department, B.H.U. Varanasi
- Prof. M.G.Kidvae, HOD of Art Education, Lalit Kala Academy, Jamiya Miliya Islamiya University, New Delhi
- Julia Kargel, Germany
- Dr. Sawarna Lata Mishra, Retd.. from Roorkee
- Thresh Kapoor, Eminent Photographer
- Alex Mathew, Sculptor, Usmania University
- Bhupesh Little, Professor,
- Padama Bhushan Jatin Das
- Padama Shree Yashodhar Mathpal
- Padama Shree Lalit Pandey
- Shri Gopal Datt Sharma, Retd. from Arts College Lucknow
- Prof. Manjula Chaturvedi, Mahatma Gandhi Kashi Vidhyapeeth

13. Percentage of classes taken by temporary faculty – programme-wise information

- BFA/MFA 80%

14. Programme-wise Student Teacher Ratio

- 100:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF DRAWING AND PAINTING, S.S.J. CAMPUS

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- UGC Major Projects - 03
 - o Study of Development and Conservation of Wooden Art and Craft of Uttarakhand UGC 2013, Under Prof. Shekhar Chandra Joshi
 - o A Critical Study of Art and Craft Traditions of the Tribes of Uttaranchal UGC 2009, Under Prof. Shekhar Chandra Joshi

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	47 / 11
• Monographs	NA
• Chapters in Books	NA
• Edited Books	01
• Books with ISBN with details of publishers a. Prof. Shekhar Chandra Joshi:Korea Ki Kala:Almora Book Depot, Almora:81-900209-1-9:2012 b. Prof. Shekhar Chandra Joshi:Adhunik Chitrakala Ka Itihas (Revised Edition):Prakash Book Depot, Bara Bazar, Bareilly, U.P.:978-81-7977-396-3:2011 & Reprinted in 2013 c. Dr. Sonu Dewedi:Samkaleen Kala ke Hastakchhar:Kala Prakashan, Varanasi:978-81-89921-50-:2009 d. Dr. Sonu Dewedi:' Kala Chintan ':Kala Prakashan, Varanasi:7978-81-89921-50-7:2009	07

EVALUATIVE REPORT OF THE DEPARTMENT OF DRAWING AND PAINTING, S.S.J. CAMPUS

e. Dr. Sonu Dewedi:Samkalin Mahila Chitrakaro Ka Nariwadi Dristikon (Shodh Granth Par Adharit):Deep Publication, New Delhi::2010	
f. Dr. Sonu Dewedi:Anubhuti – Kavya Sangrah:Printer- Rituraj Printing Press, Almora::2010	
g. Dr. Sonu Dewedi:Bhartiya Saundarya Shastra ki Vivechana:Maneesha Publication Varanasi:978-93-82061-04-5:2013	
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NA
• Citation Index – range / average	NA
• SNIP	NA
• SJR	NA
• Impact Factor – range / average	NA
• h-index	NA

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
i. Prof. Shekhar Chandra Joshi , as Expert School Board of Abanindra Nath Tagore School of Creative Arts and Communication Studies of Assam University Silchar, 2011 to 2012	
ii. Prof. Shekhar Chandra Joshi , as Expert Board of Studies of Fine Art Faculty of Rajasthan University, Jaipur, 2010-2012	
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

EVALUATIVE REPORT OF THE DEPARTMENT OF DRAWING AND PAINTING, S.S.J. CAMPUS

29. Awards / recognitions received at the national and international level by

- Faculty NA
 - Prof. Shekhar Chandra Joshi:
 - i. Award of the 'Snehil' in New Delhi 2013
 - ii. Award of 'Shardotsava- 2012', Nagar Palika, Almora
 - iii. Award of Mohan Upreti Lok Sanskriti Kala Avem Vigyan Sodh Samiti 2012
 - iv. Part of 'Longest Mural of the World' record made in Lucknow on the occasion of Centenary celebration of Lucknow Arts College, Lucknow University, Lucknow 2011
- Doctoral / Post-Doctoral fellows NA
- Students
 - i. Swati Hyanki , Grant-in-aid for Rajiv Gandhi National Fellowship, UGC New Delhi

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- 05
- National Seminar/Conference/Workshop/Exhibition – 25

31. Code of ethics for research followed by the departments

NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.F.A. 2009	33	09	24	100%	100%
2010	35	09	26	100%	100%
2011	13	07	06	100%	100%
2012	29	05	24	100%	100%
2013	31	14	17	100%	100%
M.F.A. 2009	21	03	18	100%	100%
2010	16	07	09	100%	100%
2011	11	02	09	100%	100%
2012	17	03	14	100%	100%
2013	09	05	04	100%	100%
M.A. 2009	98	42	56	100%	100%
2010	90	48	42	100%	100%
2011	105	62	43	100%	100%
2012	90	20	70	100%	100%
2013	48	11	37	100%	100%

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33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	90%	07%	03%	Nil
Ph.D.	90%	08%	02%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET- 04

- Mr. Harish Dafoti, NET 2012
- Ms. Anita Rana, NET 2012
- Ms. Deepika Kandpal, NET 2012
- Ms. Sunita Bhauryal, NET 2012 & NET/ JRF 2013

35. Student progression

Student progression		Percentage against enrolled
UG to PG		79%
PG to M.Phil.		Nil
PG to Ph.D.		10%
Ph.D. to Post-Doctoral		Nil
Employed		75%
☐	Campus selection	Nil
☐	Other than campus recruitment	12%
Entrepreneurs		15%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	
from other universities within the State	
from universities from other States	
from universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

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- D.Litt awarded to Prof. Shekhar Chandra Joshi, “ A Critical Study of Art and Craft Traditions of the Tribes of Uttarakhand”, Kumaun University Nainital, 2011

38. Present details of departmental infrastructural facilities with regard to

a)	Library	YES
b)	Internet facilities for staff and students	NA
c)	Total number of class rooms	07
d)	Class rooms with ICT facility	NA
e)	Students’ laboratories	NA
f)	Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a)	from the host institution/university	NA
	• Ms. Pooja Arya – “Dr. Gopal Madhukar Chaturvedi ke Chitron ka Vishlesrantmak Aadhyan” Guide : Prof. Shekhar Chandra Joshi • Ms. Urvi Rastogi – “Mughalkaleen Yudha Avem Aakhet Drishyon ka Vivechnatmak Aadhyan”(1556-1658) Guide : Prof. Shekhar Chandra Joshi • Mr. Devesh Awasthi – “Kumaun Mandal ke Sav Sampraday ki Kala ka Aadhyan” Guide : Dr. Sonu Dwivedi • Mr. Anil Singh – “Garhwal ke Paramparik Chitrakala ka Samkaleen Chitrakala par Prabhav’ (Ek Vishleshrathmak Aadhyan)” Guide : Dr. Sonu Dwivedi • Mr. Anirudha Bharthwal – “Panchkedar ke Kalatmak Swarupon ka Aadhyan (Garhwal Mandal ke Vishesh Sandarbh mein)” Guide : Dr. Sonu Dwivedi • Ms. Suneeta Bhauryal – “Kumaun Mandal ki Rupprad kala mein Naari Ankan : Ek Aadhyan” Guide : Dr. Sonu Dwivedi • Mr. Kailash Singh – “Katyurkaleen Murtikala ka Shaileegat Aadhyan : Kumaun Mandal ke Sandharbh me” Guide : Dr. Sanjeev Arya • Smt. Neelam Bisht – “Janpad Almora ka Hastshilp : Ek Aadhyan (Swatantrata ke Pashchat 2010 Esvee)” Guide : Dr. Sanjeev Arya • Ms. Kheela Koranga – “Almora janpad ki Lok Kalaen : Ek Aadhyan” Guide : Dr. Sanjeev Arya	
b)	from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a.	faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES

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- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES
- c. alumni and employers on the programmes offered and how does the department utilize the feedback? NA

43. List the distinguished alumni of the department (maximum 10)

- Dr. Mohan Singh Mawri
- Dr. Sanjeev Arya
- Ms. Kheela Koranga
- Mr. Vinod Nath (Nepal)
- Ms. Ruchi Kandpal
- Ms. Mamta Sharma
- Mr. Prakash Chandra Papnai
- Mr. Raj Tewari
- Ms. Deepa Arya
- Mr. Shivendra Dwivedi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- International Workshop on Illustration and Photography 06 September 2013
- Exhibition/Seminar on Women Day 10 March 2013
- International Seminar Importance of Art and its Relationship with other Subjects 06-07 October 2013
- Glimpse of Uttarakhand a National Exhibition May-June 2013
- National Seminar on Role of Art : Yesterday, Today and Tomorrow 21-24 November 2011
- Lecture on Baroda School of Art by Shri. Devendra 2011
- Lecture on Art of Ajanta by Dr. Swarnalata Mishra 15 Oct 2011
- Lecture on Technique of Graphic Art by Shri. Gopal Datt Sharma 2011

45. List the teaching methods adopted by the faculty for different programmes.

- Teaching Theory and Practical both
- By Lecture in Theory
- By discussion & Presentation on Topic
- Lecture Using Visuals
- Lecture Using P.P.T. & L.C.D.
- By Demonstrations & Lecture in Practical
- Sketching on the spot
- Theory and Practical with the help of Visual Communication

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Organize Departmental Meetings time to time

EVALUATIVE REPORT OF THE DEPARTMENT OF DRAWING AND PAINTING, S.S.J. CAMPUS

47. Highlight the participation of students and faculty in extension activities.

- Student and Faculty members take part in NSS.

48. Give details of “beyond syllabus scholarly activities” of the department.

NA

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department has launched the professional courses of Fine Art starting with the subject-Painting in this department. Students learn to create an image using any of the wide variety of tools and techniques in dry media, such as, graphite pencils, charcoals, pen and ink, markers, inkers, brushes, wax colour pencils, crayons and pastels in drawing. The use of applying pigment in a carrier or medium and a binding agent/glue on a two dimensional surfaces such a paper, canvas and a wall is learnt in painting. Computer Graphics, Photography and Clay modelling are also taught in this course. Finally they learn practical and adequate theory of the subjects with further scope of research. The department has produced more than a dozen Ph.D. and also a D.Litt. in the subject.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - i. The department has sincere and learned faculty members. All the permanent teachers including part time faculties are devoted to their teaching and research.
 - ii. Faculty members are also renowned artists. They take part in the various exhibitions of national and international repute.
 - iii. The department has a big art gallery where students including teachers and other artists can exhibit their work.
 - iv. Equipped with Smart facilities have the major strength of the department where students can learn with the help of modern technology.
 - v. Students of the department are the best strength. They take part in different artistic activities all over the country. They have proved their creativity winning the prizes.
- **Weaknesses:**
 - i. There is no weakness of the department.
- **Opportunities:**
 - i. In 2005, when the department started professional courses BFA instead of Drawing and Painting as a single subject.
 - ii. In 2009, department started MFA courses in Painting under the professional stream.

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- iii. In 2011, the BFA& MFA courses came under the Faculty of Visual Art.
- iv. Artist Camp and many other artistic activities with the help of State Lalit Kala Akademi and National Lalit Kala Akademi provide the opportunities time to time.
- v. Following are the major Challenges of the department:
- vi. Check on students' admissions - as the demand for the admission increases year by year especially in M.A .Drawing and Painting.
- vii. To provide lavish space to teachers including student artists as they demand for the separate studio for their paintings is the major challenge.

52. Future plans of the department.

- **Educational:** Following courses will be started in regular mode
 - o BFA/MFA Painting
 - o BFA/ MFA Applied
 - o BFA/ MFA Sculpture
- Establishment of Art and Culture Cell: “Desaj Kala avem Sanskriti Dirgha”
- Following courses are under consideration to start
 - o Digital Art
 - o Animation Art
 - o Tribal and Folk Art
 - o History of Art
 - o Art Museum
 - o Baudh Art Centre
 - o Himalayan Art
- **Vocational Courses:**
 - o Diploma in Art Master Training (AMT)
 - o Six months course – Photography, Clay Modeling, Print Making, Painting and Animation etc.
 - o Six months course on Art Survey on Folk, Tribal, Handicrafts, Wood crafts etc.
 - o Six months course on Artifacts (Painting, Drawing and Sculpture) Conservation
 - o Six months course on Advertising Design
 - o Six months course on Publication Designing (Invitation Card, Visiting Cards, Books & Magazines)
- **Non Educational Vision 2020:** Following Programmers will be organized:
 - i. Art Exhibition: Solo Shows , Group Shows (District, State, National and International level)
 - ii. Art Work Shop (Different mediums, themes and levels)
 - iii. Art Seminars and Conferences on different themes
 - iv. On line Art Exhibition
 - v. Art Fair and workshop
 - vi. Publications of Monographs, Articles, Drawing, Paintings, books and Art Bulletins
 - vii. Creation of Departmental web site
 - viii. Establish Art Material Shop and Canteen for Students .

EVALUATIVE REPORT OF THE DEPARTMENT OF EDUCATION, KUMAUN UNIVERSITY

1. Name of the Department

Department of Education

2. Year of Establishment

1952

3. Is the Department part of a School/Faculty of the university?

Yes of Education

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

- UG: B.Ed.
- PG: M.Ed.
- Ph.D. Ph.D.

5. Interdisciplinary programmes and departments involved

NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

NA

7. Details of programmes discontinued, if any, with reasons

NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- Annual

9. Participation of the department in the courses offered by other departments

NA

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	06
Associate Professors	02	-	-
Asst. Professors	14	06	06
Others			01

EVALUATIVE REPORT OF THE DEPARTMENT OF EDUCATION, KUMAUN UNIVERSITY

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Quali-fication	Desig-nation	Speciali-zation	No. of Years of Expe-rience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Amita Shukla	M.A. M.Ed., M.Phil. Ph.D.	Professor	Philosophy of Education, Guidance and Counselling, Educational Technology, Administration and Management	37 Years	09
Navin Chandra Dhoundiyal	M.Sc., M.Ed. Ph.D.(Edu.)	Professor	Sociology of education/ Classroom interaction	36 Years	04
Vijya Rani Dhoundiyal	M.A.,M .Ed., Ph.D. (Education)	Professor	Guidance And Counseling / Women Studies And Literacy	32 Years	07
Rajendra Singh Pathni	M.A. M.Ed., Ph.D.(Edu.)	Professor	Philosophy of Education, Guidance and Counseling, Educational Technology.	32 Years	08
Gopal Singh Nayal	M.A. Geography, M.A. Sociology, D.D.E., M.A.D.E. (IGNOU), M.Ed, M.Phil and Ph.D. (Edu.)	Professor	Education Sociology, Drop Outs, Guidance and Counseling, Distance Education, Environmental Education and Educational Technology in M.A.D.E.	33 Years	08
Bheema Manral	M.A. M.Ed., Ph.D.(Edu.)	Professor	Philosophy of Education, Guidance and Counseling.	23 Years	07
Rizwana	M.A. M.Ed.,	Assistant	Education	05 Years	NA

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Siddiqui	Ph.D.(Edu.)	Professor	Technology		
Sangeeta Pawar	M.A. (Pol. Sc.), M.Ed., NET, Ph.D. (Registered)	Assistant Professor	Women Development and Education	05 Years	NA
Devendra Singh Bisht	Ph.D.(Edu.), M.Ed.,M.Sc.(Chem.),M.Sc.(Zoo).	Assistant Professor	Education Technology, Educational Psychology, Educational Administration, Computer in Education, Teaching of Science	12 Years	NA
Bhaskar Chaudhary	M.Sc. (MATHS), M.Ed., Ph.D. (Registered),NET , SLET.	Assistant Professor	Measurement & Evaluation, Educational Technology, Teaching of Mathematics	02 Years	NA
Mamta Aswal	M.A. (English), M.Ed., Ph.D.(Registered) , NET	Assistant Professor	Educational Technology, Teaching of English, Educational Evaluation, Computers in Education.	02 Years	NA
Neelam Kumari	M.Sc.(Chem), M.Ed., NET, Ph.D. (Edu.)	Assistant Professor	Socio-Psychological, Minority & Women Studies	03 Years	NA

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NA

13. Percentage of classes taken by temporary faculty – programme-wise information

UG – 9%

PG – 8%

14. Programme-wise Student Teacher Ratio

U.G. – 1:12

P.G. – 1:3

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

POST	SANCTIONED	FILLED	ACTUAL
Clerk	-	02	02
Class- IV	-	03	03
Sweeper	-	01	01

16. Research thrust areas as recognized by major funding agencies

NA

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NA

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration NA b) International collaboration NA

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NA

20. Research facility / centre with

- State recognition NA
- National recognition NA
- International recognition NA

21. Special research laboratories sponsored by / created by industry or corporate bodies

NA

22. Publications:

• Number of papers published in peer reviewed journals (national / international)	213
• Monographs	16
• Chapters in Books	23
• Edited Books	17
• Books with ISBN with details of publishers	
• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
• Citation Index – range / average	

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• SNIP	
• SJR	
• Impact Factor – range / average	
• h-index	

23. Details of patents and income generated

NA

24. Areas of consultancy and income generated

NA

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NA

26. Faculty serving in

a) National committees	NA
b) International committees	NA
c) Editorial Boards	NA
d) any other (please specify)	NA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

NA

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects NA
- percentage of students doing projects in collaboration with other universities / industry / institute NA

29. Awards / recognitions received at the national and international level by

• Faculty	NA
• Doctoral / Post-Doctoral fellows	NA
• Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

NA

31. Code of ethics for research followed by the departments

NA

EVALUATIVE REPORT OF THE DEPARTMENT OF EDUCATION, KUMAUN UNIVERSITY

32. Student profile programme-wise:

Name of the Programme (refer to ques. no. 4)	Applications Received/ Year	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Ed 2009-10		54	86	100	100
20010-11		75	65	100	100
2011- 12		51	89	100	100
2012- 13		83	57	100	100
M.Ed.2009-10		08	12	100	100
20010-11		19	16	100	100
2011- 12		23	09	100	100
2012- 13		13	22	100	100
Ph.D 2009-10		05	08	NA	NA
-2010-11		09	04	NA	NA
2011-12		07	06	NA	NA
2012-13		06	06	NA	NA

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	94%	7%	3%	-
PG	96%	3%	1%	-
Ph.D	82%	9%	9%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35 NET (Category wise details not available)

35. Student progression

Student progression		Percentage against enrolled
UG to PG		25%
PG to M.Phil.		NA
PG to Ph.D.		20%
Ph.D. to Post-Doctoral		NA
Employed		NA
☐	Campus selection	
☐	Other than campus recruitment	
Entrepreneurs		NA

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36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	54%
from other universities within the State	15%
from universities from other States	31%
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

NA

38. Present details of departmental infrastructural facilities with regard to

a) Library	Available
b) Internet facilities for staff and students	NA
c) Total number of class rooms	04
d) Class rooms with ICT facility	01
e) Students' laboratories	02
f) Research laboratories	NA

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	NA
b) from other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

NA

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	YES
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	YES
c. alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)

NA

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44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

NA

45. List the teaching methods adopted by the faculty for different programmes.

- Lecture Method
- Discussion Method
- Debate
- Power Point Presentation
- Field Experience
- Demonstration Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through Annual Theory and Practical Examinations

47. Highlight the participation of students and faculty in extension activities.

Students

- Number of students participated in NCC- NA
- Number of students participated in NSS- NA
- Number of students participated in Sports-15%
- Number of students participated in Extracurricular activities- 100%
- Number of students participated in Community Services- 100%
- Number of students participated in NCC- NA

Faculty

- Prof. Vijiya Rani Dhoundiyal- Incharge NSS
- Dr. Rizwana Siddique- CTO NCC
- Smt. Sangeeta Pawar- Programme Officer NSS
- Dr. Devendra Singh Bisht- Associate NCC Officer NCC

48. Give details of “beyond syllabus scholarly activities” of the department.

- Seminars
- Workshops
- Blood Donation Camps
- Plantations
- Refresher Courses
- Short Term Courses
- Awareness Campaigns

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49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- **Strengths**
 - Qualified Faculty Member
 - Faculty Building Infrastructure
 - Research Guidance Facility
 - Potential for educational Activities
 - Overall personality development of Students
- **Weaknesses**
 - Financial support system
 - Unavailability of ICT Equipment
 - Insufficient Teaching and Non-Teaching Staff.
 - Unavailability of Practice Teaching Schools (Model Schools)
 - Lack of Sufficient physical Space as per norm
- **Challenges**
 - Arrangement of Financial Resources
 - Implementation of Two Years B.Ed. and M.Ed. Courses.
 - Improvement of teacher education quality in region.
 - Conversion of Department into IASE.
 - Re-Orientation of teacher in the light NCFTE.

52. Future plans of the department.

- Establishment of IASE.
- Commencement of Integrated B.Ed. Course.