



NAAC

KU SSR – Vol. I 2015



KUMAUN UNIVERSITY

NAINITAL – 263001

UTTARAKHAND

Website: kunainital.ac.in

Kumaun University Self-Study Report 2015



Volume – I For NAAC

**KUMAUN UNIVERSITY
Nainital – 263001
Uttarakhand**

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PREFACE

The accreditation of higher education institutes in India by the NAAC has undoubtedly enhanced the quality of human resource development, which was envisioned in the constitution of free and democratic India in the year 1947. NAAC has provided us an opportunity to assess ourselves in order to set the goals and standards leading to the achievable targets. In the arenas of making marked changes in imparting higher education to stakeholders under the impacts of technology, globalization and providing better job-opportunities in conventional education system.

We feel proud to serve the societal needs through our well defined goals and the dynamics of academic, research and extension activities in the Himalayan region by catering demand of quality education for last 8 decades. Our teachers, researchers, students and staff members are committed to address various social, economic, environmental and industrial aspects to strengthen the education system at large.

The University is well set for the second Cycle Accreditation by NAAC in, 2015. In view of this, it is our pleasure to submit our Self Study Report (SSR) to the NAAC, Bangalore and it is my pleasure and privilege to state that Kumaun University has made rapid strides in terms of its academic, research and extension activities at national and international level.

The performance of the University is very well reflected by the citations of the faculty members with high h-index and i-10 values, sports and many more significant achievements in various fields are in the credit to the University. I immensely happy and take this opportunity to appreciate the members of Steering Committee and the Internal Quality Assurance Cell (IQAC) for sharing the responsibility of drafting the SSR. I appreciate all administrative sections and academic departments of the University for the best of their services to the stakeholders.

Kumaun University is aware of its multi-dimensional responsibilities therefore it has emerged as a major Centre of higher education and learning in the State of Uttarakhand for creating and dispensing value based education and knowledge. The quite diverse population of our students and staff from all corners of the nation makes us and our campuses a highly conducive place for higher education. The guidelines of all statutory bodies have been implemented with full transparency, all academic reforms are getting shape in the University including the examination reforms.

The NAAC Self Study Report provides us with an opportunity to detail our strengths, weaknesses, opportunities and challenges therefore significant efforts have been made to live up to the core values of NAAC and we have made framed the report without any exaggerations.

We look forward eagerly to welcome the Peer Team and hope that our efforts will be applauded.

21 January 2015

Prof. H.S. Dhami
Vice Chancellor

Executive Summary

Kumaun University, a residential-cum-affiliating university, came into existence in the year 1973 by notification No.(10) /8651 /15/75 (85)/64 dated 23 November, 1973 under the Act No.10 of State Legislature (U.P. State Universities Act, 1973 now adopted by Uttarakhand State) with the merger of two Government Colleges, D.S.B. Government P.G. College, Nainital and Almora Government P.G. College, Almora. These Constituent Colleges were later elevated to the status of University Campuses by Government order No. E-1861/GS dated 14/15 March, 1994.

The University Grants Commission, New Delhi granted recognition to the University under section 12-B of the UGC Act, 1956 and its name appears at serial No. 177. Since then the Kumaun University is receiving central assistance from the UGC. The academic wing of the University is spread over in three campuses (D.S.B. Campus, Nainital, SS Jina Campus, Almora and newly constructed upcoming Campus at Bhimtal) with an area of 5,31,373 sq mt (160 acres), the total built up area being 3,00,000 sq. mt. Forty Government Colleges under the administrative control of the State Government and 49 self-financed institutes managed by the private managements, spread over in six districts of Kumaun region are affiliated with the University. It is the biggest State University of state (Uttarakhand) which caters the need of about 1,50,000 students by providing a high quality educational experience in diverse learning environments and promoting the values and institutions of democracy that prepare students to lead lives of personal integrity and civic responsibility in a global society. The University is famous for building and promoting a system, which is accessible to people of diversified faiths, races, creeds and cultures and is striving hard for excellence in the creation and dissemination of knowledge, promoting the holistic development of students and preparing them to lead lives of personal integrity, civic responsibility and service to the society. Efforts to galvanize the academic fervour and creative instincts of the youth coming from socially and economically backward areas, to strengthen the interface of academia with the government and industry and prepare the next generations of skilled and ethical professionals to compete in a diverse world market are always undertaken. The University is committed to raise the academic standard of all its three campuses, viz., DSB Campus, Nainital SSJ Campus, Almora and Campus at Bhimtal and 93 affiliated colleges and institutes. For the last three years the University has made untiring efforts to develop some well recognized departments of scientific and social research and these have been attracting faculty members and students from different parts of the country.

KUMAUN – THE LAND OF PANORAMIC & BEAUTIFUL SITES



Kumaun University became an ideal for all the state universities before the creation of new state of Uttarakhand for regularizing academic session making education more participatory, creating serious academic atmosphere, generating resources without taxing the students, maintaining strict discipline among students and imposing code of conduct for teachers and this approach is still continuing. Keeping in view its overall achievements the University was accredited in the year 2000 by the National Assessment and Accreditation Council (NAAC) at four star levels. The University got regular membership of Association of Indian Universities. In order to cater the technical professional and vocational education, another campus of the University has been developed at Bhimtal. The University is imparting quality education and research facilities in the seven faculties: Faculty of Arts (Drawing and Painting, Economics, English, Geography, Hindi, History, Home Science, Music, Political Science, Psychology, Sanskrit, Sociology, Tourism), Faculty of Science (Botany, Forestry, Chemistry, Computer Science, Geology, Mathematics, Physics, Statistics, Zoology, Biotechnology, Information Technology, G.I. Science), Faculty of Commerce and Management (B.Com., M.Com., P.G. Diploma in Tourism, BBA, Tourism, MBA in Tourism and E-Business), Faculty of Education (B.Ed. and M.Ed.), Faculty of Law (LL.B. and LL.M), Faculty of Technology (B.Pharma. and M.Pharma.), Faculty of Visual Arts (B.F.A. and M.F.A.).

Self-financed courses offered by the University in the Campuses and self-financed private institutes are as under:

B.C.A., P.G.D.C.A., M.Sc. I.T., Advance Diploma in I.T., P.G. Diploma in Geoinformatics, M.Sc. Geoinformatics, P.G. Diploma in Translation, M.A. Home Science, P.G. Diploma in Journalism & Mass Communication, M.A. Philosophy, M.A. (Education), M.A. (Yoga), P.G. Diploma in Yoga, M.B.A., E-Commerce, B. Sc. Forestry, M.Sc. Forestry, Master of Social Work (MSW), B.Lib., M.Lib., Bachelor of Visual Arts, Master of Visual Arts, M.B.A. (Tourism), M.Sc. (Geology), B. Pharm., M. Pharm., Master of Geographic Information Science & Technology, B.B.A., LL.B., LL.M., M.Sc. (Microbiology), B.Com. (Hon.).

In the campuses and affiliated colleges both teaching and research activities are equally important factors that support the curriculum and contribute to the student's learning habits. Special emphasis is placed by Kumaun University to uphold the motto of excellent teaching and high quality of research which is reflected in the form of following collaborative projects:

Kumaun University joined the top notch league of “Obama-Singh 21st Century Knowledge Initiative” for institutional partnership projects in research and educational activities in science and technology between India

and the US in second week of June 2012. The objectives of the project were to give Native American and Indigenous students from India exposure to STEM research in the field through studies on climate change impacts in the Garhwal Himalaya, develop capacity for STEM research at KU and provide two-way cultural exchange between Native American and Indian students. The collaboration between University of Montana (UM) and Kumaun University (KU) has been further cemented in early August 2014 when the two universities signed a 5 year MOU outlining future research and educational projects, which is based on the fruitful research collaboration going on between KU and UM on the Obama-Singh 21st Century Knowledge grant. The proposed research agenda under the umbrella of National Science Foundation, USA is focused on mountain-society interactions, biodiversity, sustainable socio-economic development, climate change studies and Indigenous perspectives. The project has involved faculties from Geography, Chemistry and Zoology from both universities to solidify their collaboration. Another important collaborative international project “Landscape Asia- Transformation processes, Identity changes and socio-economic dynamics” which is part of five Asian nations (India, Laos, Nepal, Vietnam and China) has been signed in December 2013 between Department of Geography, Kumaun University Nainital and University of Paris for the period from 2014 to 2017 under the funding support from Ministry of Research, Paris France. Space geodesy and field geology based investigations are being conducted to monitor ongoing surface deformations in Uttarakhand Himalaya and adjoining Ganga Plain, funded by the DST, Govt. of India and MoST, Govt. of Taiwan, under the prestigious Indo-Taiwan S&T Cooperation Programme. Problem of sequential growth of the Ladakh magmatic arc and tectonic evolution of the Shyok Suture Zone of the Nubra valley (northern Ladakh) is being studied in collaboration with Department of Earth and Planetary Sciences, MIT - Massachusetts Institute of Technology, USA and the study of timing of the India-Asia collision and tectonic evolution of pre-syn collision sedimentary basins in Ladakh is underway in collaboration with Department of Geology, Trinity College, Dublin, Ireland. On cave researches for high resolution climatic changes in Central Himalaya research works are being carried out in collaboration with Heidelberg Academy of Sciences, Heidelberg, Germany (Prof. A. Mangini), Department of Geography, University of Georgia, USA (Prof. George Brook and Prof. G. Railsback) , School of Earth Sciences, Queensland University, Australia (Prof. Jian-Xin Zhao and Prof. K.D. Collerson) and Key Laboratory of Cenozoic Geology, Chinese Academy of Sciences, Beijing, China (Prof. Ming Tan). Different Science Departments are funded under CAS, FIST and other funding agencies of the country.

Ever since its inception, Kumaun University has always held a place of pride among the State universities. Over the years, by innovating and making several structural changes in its functioning, the University has given a new direction and dimension to the higher studies in this region. Kumaun University became the first State University in the country to launch a Centre of Climate Change on 1st May, 2010. On lake researches for high resolution climatic changes in the last 10,000 years in Indian Himalaya are underway in collaboration with Department of Earth Sciences, Freie University, Berlin, Germany (Prof. Frank Riedel) and Hertelendi Laboratory of Environmental Studies, Institute of Nuclear Research, Hungarian Academy of Sciences, H-4026 Debrecen, Hungary (Dr. Mihaly Molnar). Quality Management System of International Standard has been implemented in the University and Campuses, and the concerned agency has audited the work of the University, which led the award of ISO 9001:2008 Certification to the University and Campuses.

With an aim to serve as a hub for interdisciplinary in nature encompassing the areas of chemistry, physics, biology, materials and engineering and build activities that develop interdisciplinary research and training, University has established a new Centre for the Nanoscience and Nanotechnology to advance academic and technological research and development in nanoscience and nanotechnology. International Universities and research institutions like Virginia commonwealth University, Georgia Institute of Technology, Tindal Consultancy Services (Pvt. Ltd.), Nanyang Technical University, The University of Sydney, Konkuk University Seoul, Korea shall be collaborators in this project. The Production and commercialization of graphene for advanced nanomaterial based products (Collaboration with Industries) is the ultimate aim of this centre which will not only earn revenue for the University but for the state and country.

Research programs in Photodynamic therapy (PDT), Cancer Chemoprevention, Nanotechnology, Pharmacogenomics, Anti-Cancer Pharmaco-nutrition and other fields of Cancer Biology at Kumaun University Nainital are under process in Kumaun University in academic, research and clinical collaboration with Roswell Park Cancer Institute Buffalo, NY, USA and State University of New York (SUNY), Buffalo, NY, USA.

The University has three major libraries Central Library, DSB Campus Library, Nainital and SSJ Campus Library, Almora. All most all the Post Graduate departments have their departmental libraries. Adequate number of text and reference books and periodicals are available in the libraries. Proper use of ICT in libraries has been ascertained in the mode of information storage and retrieval, acquisition, cataloguing and classification, circulation of materials, serials control, management statistics and administrative activities. A separate section showcasing rich Himalayan

treasure has been developed in the central library at Nainital. Himalayan Museum in D.S.B. Campus of the University showcases newspapers, musical instruments, historical monuments,

We adhere to citizen charter, perform academic audit and have facility for Redressal of Grievances as per UGC notification. The citizen charter is applicable to academic and administrative offices, campuses, examinations, hostels, library services, accounts, students' welfare, Campus discipline etc. The academic audit pertains to teaching dimensions like subject knowledge, planning and delivery, class control, communication accountability and concern for the students.

The University Grants Commission has sanctioned Academic Staff College to the University on 10th of October, 2006 and it started functioning on 12th of February, 2007. The UGC-ASC, Kumaun University, Nainital shares the vision of making quality the defining element of higher education in India.

It has been envisaged that the College will engage not only in its primary task of training of teachers of higher education institutions, but will also undertake varied innovative extension activities in the academic arena. The UGC-ASC Nainital, the first Academic Staff College in the state of Uttarakhand, is playing a leading role in the pursuit of excellence in higher education in the region. The overall vision is to make the Academic Staff College a centre for academic activity that could contribute to the development of this Himalayan region.

As per University Grants Commission guidelines under its XIth Plan the Internal Quality Assurance Cell was constituted by the University on October 30, 2009 with a committee consisting of expert members for guiding and quality enhancement in teaching, research, examination and administrative activities of Kumaun University. Several benchmarks related to quality teaching, research and administrative activities were provided to each unit of the University for Implementation and assessment on annual basis.

Performance based appraisal system along with academic performance indicators are being submitted annually by teachers As per UGC regulations, 2009 and 2010 and these regulations are being strictly adhered to for appointments of faculty members.

Under XIth Plan, the University Grants Commission has sanctioned the Gandhian Studies Centre to Kumaun University and this centre was established in the Department of History, DSB Campus of the University. The Centre aims to study and to reassert the contemporary relevance of

Gandhi and philosophy especially in the context of sustainable development, modernization and social changes in India.

The Centre for Women Studies has also established in the University. The Women Studies Centre has been designed to act as catalyst for promoting and strengthening women's studies through seminars, teaching, research, curriculum, field and extension work, training and continuing education. This Centre is fulfilling the national goals in the field of women empowerment.

The University has complied with the UGC's regulations regarding 'Anti-Ragging Policy' and has framed its own anti-ragging policy accordingly. All necessary cells and bodies for anti-ragging have been constituted and are working effectively at the University, campuses and affiliated colleges' level. Elections of Students' Union are held as per Lyngdoh Committee recommendations.

The University has complied with the norms issued by the Supreme Court of India regarding Prevention of Sexual Harassment against women. Necessary cells have been created in the campuses to look after the Sexual Harassment cases. These cells are working very effectively.

Semester system of course and curriculum has been introduced initially at all the post graduate programmes, LL.B, LL.M, B.B.A., B.C.A., M.B.A. and some self-financed courses from the academic session 2010-2011. The semester system will be extended to all the undergraduate courses within two years for which the courses and syllabi are being revised and funds have been demanded from the State Government, Central Government under RUSA for necessary infrastructures facilities as per the requirements of the semester system.

More and effective use of Information and Communication Technology is being encouraged by the University invariably in all the works. All information related with departments, admissions, rules and regulations of the University, advertisements, recruitments, results etc., are being uploaded and modified on regular basis in the website of the University. ICT is also being used in improving the quality of learning, curriculum enrichment, professional development of teachers and resource sharing. Some departments have been granted the facility of smart class rooms also.

National Cadet Corps- Army and Navel wings are doing commendable work for the overall development of the students.

NSS Units of both the campuses are actively engaged to render social services in rural, urban and slum areas. Intensive campaign for environmental up-gradation, intoxication-free society, avoiding female foeticide, discipline drive among the students, blood and eye donation etc.

has been emphasized during the camp hours. In the arena of social service and concern for the society, University received Indira Gandhi National award from HE, The President of India on 19 November 2013 under the category of upcoming Universities.

The University has also instituted an independent Chair bearing the name "Mahadevi Verma Peeth", at Umagarh, Ramgarh in the area of language and literature research, fully funded by the Government of Uttarakhand.

In the Faculty of Law at S.S.J. Campus, Almora "Free Legal Aid and Counselling Centre" has been established as per the provisions of Bar Council of India. The Centre provides free and fair legal advice to the poor and needy persons. Besides this, the faculty also ensures its representation in the district level Legal Services Authority.

The University Grants Commission has sanctioned Community College to the University from the academic session 2014-15 in the following specializations:

1. Advance Diploma in Hospitality Management
2. Advance Diploma in Retail Management



Inauguration of Community College by H.E. Governor of Uttarakhand, Chancellor of Kumaun University



In order to increase the employability of the students and keeping in view the future requirements of the industries the syllabi of Retail Management has been designed with the collaboration of Aditya Birla Pantloons and for Hospitality Management, the syllabus has been designed with the

collaboration of Club Mahandra, Devyani International and Clark Hotel. The syllabi of both the programmes are purely industries based. In order to ascertain the smooth running of the job oriented courses after two years, these two courses along with other skill development programmes (as per mandate of NVEQF and NSQF) have been introduced under PPP mode under the MOU that after getting on job training the placement of the students will be done by the collaborating industries. For example, in the field of Automobiles, the placement of the students will be done by Ashok Leyland, Maruti Suzuki and Tata Motors.

H.S. Dhami

Vice-Chancellor

Kumaun University – Vision & Mission



VISION

Kumaun University aspires to be a bold and dynamic community, with a “no walls” culture and a spirit of enterprise which strives for positive influence and impact through our education, research and service. Every member of our university enjoys diverse opportunities for intellectual, personal and professional growth. We strive to achieve international distinction for creativity, innovation and excellence. All components of the University ensure that it fulfils all of the mandates set down by the mission

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and the vision. The University values students, faculty and staff from different backgrounds and faith traditions and is committed to creating an atmosphere of trust, safety and respect in a community characterized by a rich diversity of people and ideas. It is committed to the dignity and fullest development of the whole person.

Our vision is to be an established as a university, known for the quality of our teaching and learning, with a particular commitment to education for employment. We want to be recognized as an institution, known for the quality and range of our partnerships with the professions, business, industry and government. We seek to deliver superior customer service to all stake holders with the goal of attracting, developing, motivating, and retaining a diverse workforce in a supportive work environment.

MISSION

- To transform the way people think and do things through education, research and service
- Transformative education that nurtures thinking individuals who are alive to opportunities to make a difference, are valued members and leaders of society, and global citizens effective in diverse settings.
- High-impact research that advances the boundaries of knowledge and contributes to the betterment of society.
- At Kumaun University, our purpose is the discovery, communication, and preservation of knowledge and cultural heritage. We value integrity, quality, and teamwork in everything we do. We inspire critical thinking, personal growth, and a passion for learning. We serve the social, cultural, and economic needs of our community and our society.

CULTURAL HERITAGE & BEAUTY OF KUMAUN



STRATEGY

The ten key components of Kumaun University's strategy are:

- Nurture, recruit and retain best quality people, the single most important determinant of the quality of education and research.
- Nurture the students, who are academically strong, and who have passion, commitment, leadership potential and come from diverse backgrounds.
- Promote the average and below average students and make efforts to bring them in the main frame
- Make special provisions for slow learners
- Provide a high quality educational experience that stretches students, is globally-oriented, and develops skills and values to enable them to reach their full potential.
- Focus on high impact research that advances knowledge and its application, and which is of high international quality and impact.
- Inject a spirit of enterprise into education and research, and develop impactful synergies in education, in research, and between education and research, within a dynamic “no-walls” environment.
- Nurture committed alumni to be key members of the Kumaun University community, who will actively support Kumaun University towards its Vision and Mission.
- Develop global profile and reach as a leader among universities.
- Adopt and adapt best practice governance and management, for optimal administration, management of resources, and faculty, staff and student services.

CORE VALUES

- The University is situated in the panoramic locations of central Himalaya which has attracted saints and philosophers who have excelled in all spheres of life
- The region has a vast treasure of legends and traditional knowledge
- The region is ahead of the national traditions of adoring any entity from which we get something in the sense that here everybody who is dedicated for the cause of the people is worshipped as semi God. This tradition lies at the core of our all endeavors.
- To achieve our mission, we adhere to the core values of integrity, respect, compassion, inclusiveness, social responsibility, excellence and innovation services.

Recent Achievements

- ICFRE, Dehradun has accredited the Department of Forestry at "A" grade level.
- The Department of Science and Technology, Government of India taking into consideration the catastrophe took place in Uttarakhand State in June 2013, MANU (Mapping the Neighbourhood in Uttarakhand) programme was designed and this task was assigned to Kumaun University to suggest preventive measures against such catastrophe in future. This task has been completed for which 24 lac was sanctioned to Kumaun University.
- The University is an ISO 9001:2008 certified institution.
- The University Grant Commission has sanctioned Community College to the University.
- The UGC New Delhi has sanctioned Rs. 2,31,56,000.00 (Two crore thirty lac fifty six thousand) under General development Assistance for various department for the purchase of equipment in 12th plan.
- In 11th plan the UGC has sanctioned 50.00 Lac for the construction of Girls hostel at S.S.J. Campus, Almora.
- XIth Five Year Plan the UGC has sanctioned Rs.49,71,425.00 for the construction of Girls hostel at D.S.B. Campus, Nainital and the same has been completed.
- The University women boxing team had participated in All India Inter University boxing tournament (Male/Female) in 2012-13 and Ms. Monila Soun, Govt. P.G. College, Pithoragarh own Gold Medal.
- The University Taekwondo team participated in All India Inter University Taekwondo competition in Punjab University, Chandigarh from 21-25 Jan. 2013 and Miss Shalini Sinha Gov. P.G. College, Pithoragarh own bronze Medal.
- Km. Krishna Thapa of Pithoragarh College won Silver Medal in Boxing in All India Inter University Championship held at Vanarasi.
- Mr. Amal Singh Nimal won Silver medal in Athletics in All India Inter University Championship held at Patiala.
- Mr. Mahendra Singh Parihar won Gold Medal in All India Inter University Taekwondo Championship held at Chennai.
- Ms. Shalini Saran Sinha won Bronze Medal in All India Inter University Taekwondo Championship held at Kashipur.

- The UGC has identified department of Physics as centre of excellence after completing face third and sanctioned Rs. 137.00 lac.
- The Govt. of Uttarakhand sanctioned Rs. 41.37 Lac for the construction of Auditorium at D.S.B. Campus, Kumaun University, Nainital.
- In D.S.B. Campus, Nainital of the University in department of Geography Remote sensing and Geographical system laboratory has been established.
- Dr. Shahoo, Associate Professor, Deptt. of Chemistry, D.S.B. Campus, Nainital has been selected for Bhaskar solar energy Fellowship.
- The University Grant Commission has created NET examination centre at D.S.B. Campus, Kumaun University, Nainital.
- The department of Mathematics, SSJ Campus Almora has been identified centre of excellence by Uttarakhand Council of Science and Technology. A seed money of Rs. 7.5 Lakhs was sanctioned for its smooth running. ATML, AFS and outreach programmes are conducted under its auspices.
- The university has instituted **Goura Devi Swarn Padak** for meritorious girl students.
- The department of Geology D.S.B. Campus of the University has been identified Centre for Advance Studies by the UGC which is the only one department of the Uttarakhand.
- From 30th Sept. 2013 the instructional school for lectures started by the centre of excellence in Mathematical Sciences S.S.J. Campus, Almora of the University.
- Landscape Asia project collaboration 07 countries signed with the University of France, Paris funded by France University of research.
- The Department of Geography of the University signed a MOU with Montana State University, USA, under the "OBAMA-SINGH 21st Century knowledge initiative for a period of two years (2013-14). Both the Universities are working on the research project entitled, "Changes in the Socio-economic structure of the indigenous population of Himalaya and the climate changes."
- Ministry of Science & Technology, Govt. of India, has sanctioned a sum of Rs.14,55,000 in connection with implementation of the project under Indo-Bulgaria Joint Project entitled, "Study of Waves and Eruptive Phenomena in the Solar Atmosphere" by Dr. Ramesh Chandra, Dept. of Physics, D.S.B. Campus, Kumaun University

Nainital in collaboration with Dr. Ivan Zhelyazkov, Sofia, Bulgaria for a total duration of three years.

- The Department of Physics has been upgraded from DSA-III to CAS-I (Under SAP) for a period of 5 years (1.4.13 to 31.3.2018) by the University Grants Commission, New Delhi.
- The University has entered into Obama-Singh 21st Century Knowledge Initiative (OSI) in collaboration with University of Montana's OSI proposal titled : Impacts of Climate change and changes in socio- economic structure on indigenous communities : A research, education and community development initiative between the University of Montana and Kumaun University, Nainital. Through the OSI collaborative, Kumaun University will have the opportunity to fully participate in research exchange and technology transfer that will allow to accomplish two key institutional objectives. The Native American Research Lab and the Montana Institute on the Environment as part of this OSI project.
- The Kumaun University has signed MOU with department of Stress Cell Biology Roswell Park Cancer Institute, Buffalo, U.S.A.
- The University has got Indira Gandhi National award (NSS) for the year 2012-13 in the category of upcoming University. This is the first time for the University as well as for the state of Uttarakhand.
- With the initiation of the Kumaun University the State Govt. has constituted State Spatial Data Infrastructure (SSDI) committee for Development of Uttarakhand Geoportal, which is being funded by Deptt. of Science & Technology, Govt. of India.
- Teachers of Geography Deptt. participated at Obama. Since 21st century knowledge initiative field work programme 2014 conducted jointly by Kumaun University and the University of Montana, USA.
- MMRD, New Delhi has sanctioned an initial budget of 25 lakh to Kumaun University for conducting different activities under IASE for the session 2014-15.
- 65 Major and minor research projects are being implemented with financial support from the UGC, ICSSR, CSIR, DST, DBT, DRDO, Ministry of Agriculture, State Department of Information Technology, Uttarakhand Council of Science and Technology Uttarakhand State Forestry Research Council etc.
- In 12th five year plan the UGC has sanctioned Rs. 14.48 Crore to the University.
- The University had signed MOU with Montana University, USA.

- Under the outreach programme with an aim to prepare the students for Mathematics Olympiad entrance test was held at S.S.J. Campus, Almora.
- In the area of language and literature research an independent chair, the Mahadevi Verma Peeth fully funded by the Uttarakhand Govt. has been instituted.
- Under UGC- INFO NET programme 4500 Journals are available online in the central Library.
- State Govt. has established a D-Space lab at Central Library.
- 120 printed national & International journals have been subscribed and 85,000 reference books are available in Central Library of the University.
- The Central Library is fully automated.
- The University has started submission of Ph.D. thesis in Shodhganga.
- Faculty and Resource person Guest House has been completed in the premise of the Hermitage.
- NSS Unit of the University organized special Day-night Camps for affiliated units in the month of January, 2011 and a team of 15 volunteers had participated in the National Integrity/Unity Camp at Patna.
- Km. Preeti Bisht of Government P.G. College, Kashipur has won Silver Medal in the All India weightlifting championship organized by Punjab Technical University, Jullandhar held at Pathankot in 96 kg category.
- Private Participation from Industry and other players has been sought for the success of the vocational education growth in the University. Industry participation is at all levels especially in Governance, Curriculum Design, Placements and Funding, Monitoring Outcome. A PPP Model has been created where University, industry and authorized partner have come together to invest in infrastructure, train students and provide funds in the form of stipends to students.
- Negotiations are underway for admission on Nigerian students to various courses of Kumaun University.

Kumaun University



NAAC SELF-STUDY REPORT PROFILE OF THE UNIVERSITY

2015

SECTION B

SELF-STUDY REPORT

1. Profile of the University

1. Name and Address of the University:

Name:	KUMAUN UNIVERSITY	
Address:	Sleepy Hollow , Mallital, Nainital	
City: Nainital	Pin: 263001	State: Uttarakhand
Website: www.kunainital.ac.in		

2. For communication :

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Prof. H.S. Dhami	O: 05942-235068 R: 05942-236855	9411101144	05942-235576	drhsdhami@gmail.com
Pro Vice Chancellor (s)	NA				
Registrar	Prof. D.C. Pandey	O: 05942-235563 R: 05942-236187	9412361958	05942-232262	dcpandey1ntl@rediffmail.com
Steering Committee / IQAC Co-ordinator	Prof. Santosh Kumar	O: 05942- 239596 R: 05942- 239953	9411197714	05942-239953	skyadavan@yahoo.com

3. Status of the University:

State University

State Private University

Central University

University under Section 3 of UGC (Deemed University)

Institution of National Importance

Any other (please specify)

✓

4. Type of University:

Unitary

Affiliating

✓

5. Source of funding:
 Central Government
 State Government
 Self-financing
 Any other (please specify)

✓
✓

6. a. Date of establishment of the university: 23/11/1973
 b. Prior to the establishment of the university, was it a/an

- i. PG Centre Yes No
 ii. Affiliated College **Yes** No
 iii. Constituent College Yes No
 iv. Autonomous College Any Yes No
 v. other (please specify)

If yes, give the date of establishment 23/11/1973

7. Date of recognition as a university by UGC or any other national agency:

Under Section	dd	mm	yyyy	Remarks
i. 2f of UGC*				
ii. 12B of UGC *	30th	June	1984	Copy Attached (University Serial no. 177)
iii. 3 of UGC #				
iv. Any other ^ (specify)				

* Enclose certificate of recognition.

Enclose notification of MHRD and UGC for all courses / programmes / campus/ campuses.

^ Enclose certificate of recognition by any other national agency/agencies, if any.

8. Has the university been recognized
 a. By UGC as a University with Potential for Excellence?

Yes No

If yes, date of recognition : (dd/mm/yyyy)

- b. For its performance by any other governmental agency?

Yes No

If yes, Name of the agency and
 date of recognition: (dd/mm/yyyy)

9. Does the university have off-campus centres?

Yes No

If yes, date of establishment : (dd/mm/yyyy)
 date of recognition : (dd/mm/yyyy)

10. Does the university have off-shore campuses?

Yes No

If yes, date of establishment : (dd/mm/yyyy)
 date of recognition : (dd/mm/yyyy)

11. Location of the campus and area:

	Location *	Campus area in acres	Built-up area in sq. m
i. Main campus area	Naintal, Bhimtal & Almora	160 acres	3.00 lac sq. m.
ii. Other campuses in the country	-	-	-
iii. Campuses abroad	-	-	-

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify))

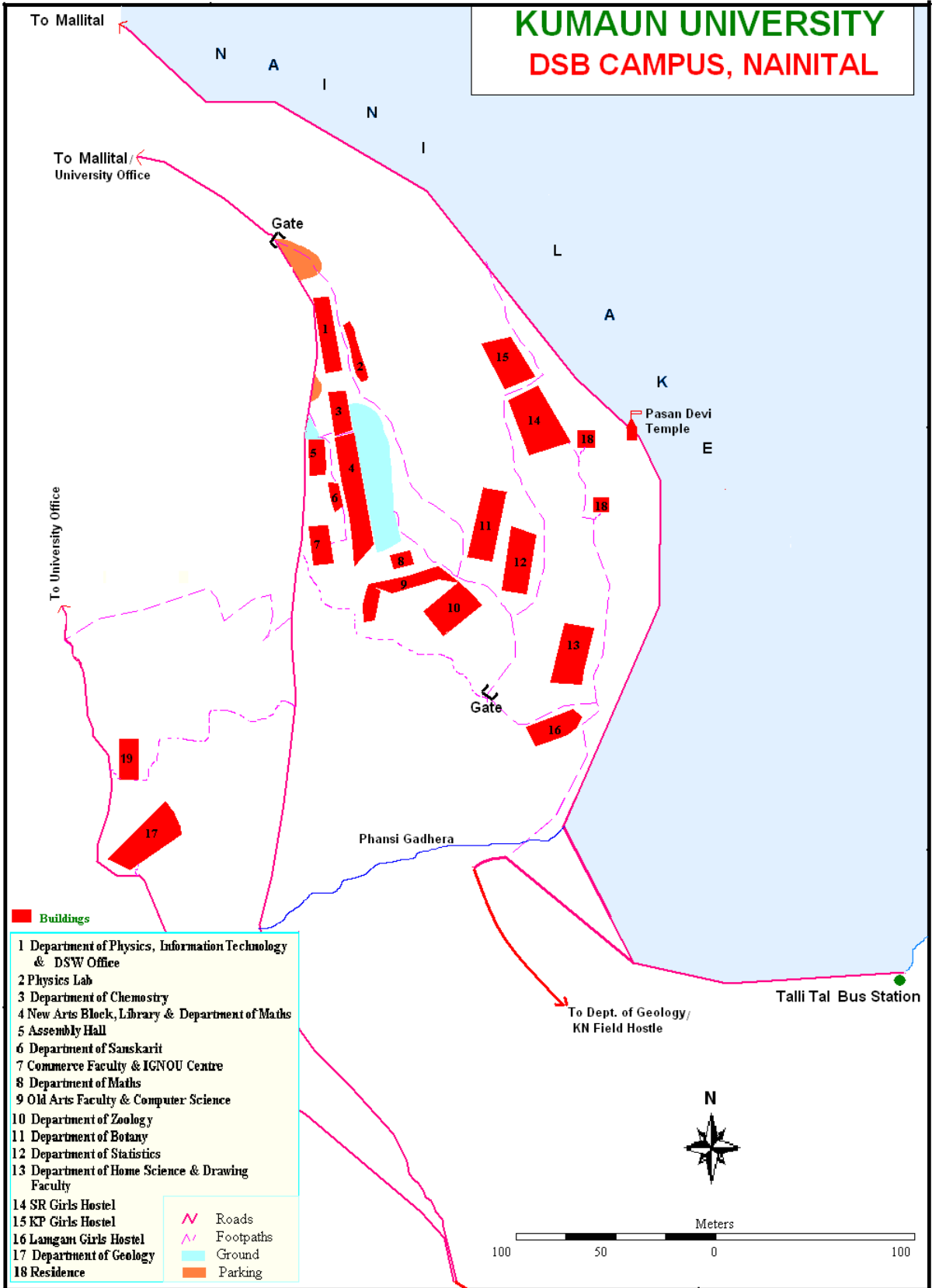
If the university has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

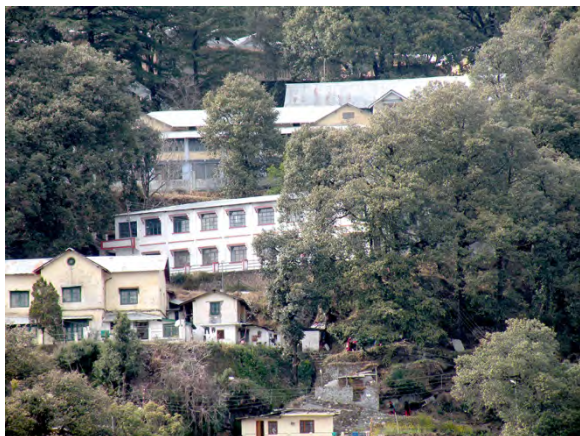
A) DSB Campus Nainital :

- Auditorium/seminar complex with infrastructural facilities 01
- Sports facilities
 - * playground On Sharing/On hiring Basis
 - * swimming pool No
 - * Gymnasium Yes
 - * Any other (please specify) NA
- Hostel
 - * Boy's hostel
 - i. Number of hostels 02
 - ii. Number of inmates 174
 - iii. Facilities Gym, Internet, Mess
 - * Girl's hostel
 - i. Number of hostels 04
 - ii. Number of inmates 339
 - iii. Facilities Internet, Mess
- * Working women's hostel
 - i. Number of hostels Nil
 - ii. Number of inmates Nil
 - iii. Facilities Nil

KUMAUN UNIVERSITY DSB CAMPUS, NAINITAL



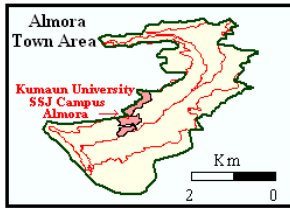
D.S.B. CAMPUS



• Residential facilities for faculty and non-teaching	Yes
• Cafeteria	Yes
• Health centre – Nature of facilities available – inpatient, outpatient, ambulance, emergency care facility, etc. (inpatient)	Yes
• Facilities like banking, post office, etc.	Yes
• Transport facilities to cater to the needs of the students and staff	No
• Facilities for persons with disabilities	Yes
• Animal house	Yes
• Incinerator for laboratories	
• Power house	Yes
• Waste management facility	No
B) SSJ Campus Almora :	
Auditorium/seminar complex with infrastructural facilities	01
• Sports facilities	
* playground	Yes
* swimming pool	No
* Gymnasium	Yes
* Any other (please specify)	
• Hostel	
* Boy's hostel	
iv. Number of hostels	02
v. Number of inmates	73
vi. Facilities	Gym, Internet, Mess
* Girl's hostel	
iv. Number of hostels	03
v. Number of inmates	278
vi. Facilities	Internet, Mess
* Working women's hostel	
iv. Number of hostels	Nil
v. Number of inmates	Nil
vi. Facilities	Nil
• Residential facilities for faculty and non-teaching	Yes
• Cafeteria	
• Health centre – Nature of facilities available – inpatient, outpatient, ambulance, emergency care facility, etc.	
• Facilities like banking, post office, book shops, etc.	
• Transport facilities to cater to the needs of the students and staff	
• Facilities for persons with disabilities	

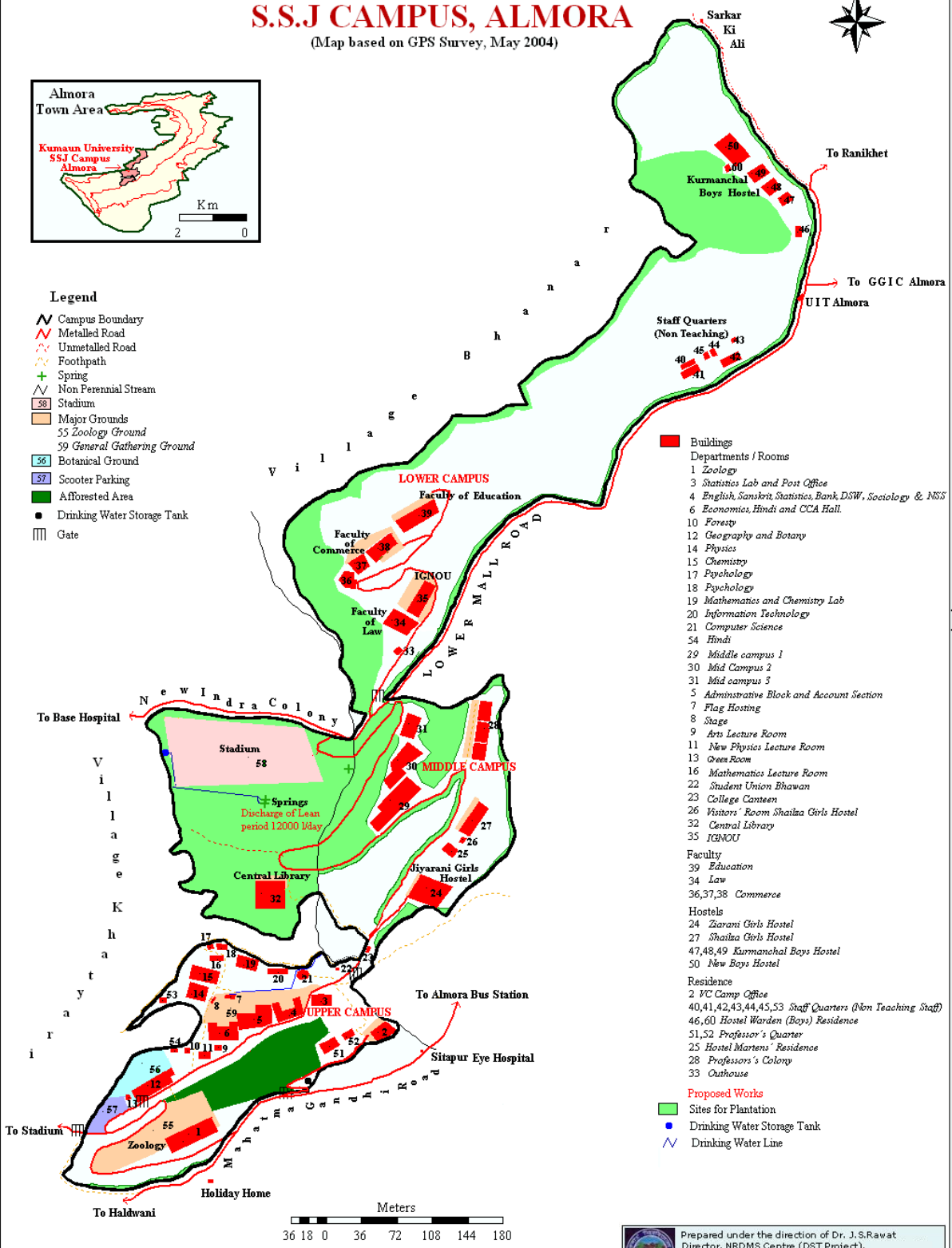
KUMAUN UNIVERSITY S.S.J CAMPUS, ALMORA

(Map based on GPS Survey, May 2004)



Legend

- Campus Boundary
- Metalled Road
- Unmetalled Road
- Footpath
- Spring
- Non Perennial Stream
- Stadium
- Major Grounds
- Zoology Ground
- General Gathering Ground
- Botanical Ground
- Scooter Parking
- Afforested Area
- Drinking Water Storage Tank
- Gate



- Buildings**
- Departments / Rooms
- 1 Zoology
- 3 Statistics Lab and Post Office
- 4 English, Sanskrit, Statistics, Bank, DSW, Sociology & NSS
- 6 Economics, Hindi and CCA Hall.
- 10 Forestry
- 12 Geography and Botany
- 14 Physics
- 15 Chemistry
- 17 Psychology
- 18 Psychology
- 19 Mathematics and Chemistry Lab
- 20 Information Technology
- 21 Computer Science
- 54 Hindi
- 29 Middle campus 1
- 30 Mid Campus 2
- 31 Mid campus 3
- 5 Administrative Block and Account Section
- 7 Flag Hoisting
- 8 Stage
- 9 Arts Lecture Room
- 11 New Physics Lecture Room
- 13 Green Room
- 16 Mathematics Lecture Room
- 22 Student Union Bhawan
- 23 College Canteen
- 26 Visitors' Room Shaila Girls Hostel
- 32 Central Library
- 35 IGNOU
- Faculty
- 39 Education
- 34 Law
- 36,37,38 Commerce
- Hostels
- 24 Zarani Girls Hostel
- 27 Shaila Girls Hostel
- 47,48,49 Kurmanchal Boys Hostel
- 50 New Boys Hostel
- Residence
- 2 VC Camp Office
- 40,41,42,43,44,45,53 Staff Quarters (Non Teaching Staff)
- 46,60 Hostel Warden (Boys) Residence
- 51,52 Professor's Quarter
- 25 Hostel Martens' Residence
- 28 Professors' Colony
- 33 Outhouse
- Proposed Works**
- Sites for Plantation
- Drinking Water Storage Tank
- Drinking Water Line

Prepared under the direction of Dr. J.S.Rawat
Director, NRDM Centre (DST Project),
Dept. of Geography, K.U. University, S.S.J Campus, Almora
Ph. No. 05962-2354931, Email: jivan_rawat@yahoo.co.in

S.S.J. CAMPUS



- Animal house
- Incinerator for laboratories
- Power house
- Waste management facility

13. Number of institutions affiliated to the university

Type of colleges	Total	Permanent	Temporary
Arts, Science Commerce	10 05 05	41 (Govt. College)	07
Law	02	-	02
Medicine	01	-	01
Engineering	-	-	-
Education	41		40
Management	12	-	-
Others (specify and provide details)			

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University

Yes No Number

15. Furnish the following information:

Particular s	Number	Number of Students
a. University Departments		
➤ Undergraduate	13	6175
➤ Post graduate	16	1254
➤ Research centres on the campus		
b. Constituent colleges (03 University Campus)	Nil	
c. Affiliated colleges	89	
d. Colleges under 2(f)		
e. Colleges under 2(f) and 12B		
f. NAAC accredited colleges		
g. Colleges with Potential for Excellence (UGC)		
h. Autonomous colleges	Nil	
i. Colleges with Postgraduate Departments		
j. Colleges with Research Departments		
k. University recognized Research Institutes/Centres	No	

16. Does the university conform to the specification of Degrees as enlisted by the UGC?

Yes No

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	12
PG	15
Integrated Masters	01
M.Phil.	02
Ph.D.	31
Integrated Ph.D.	Nil
Certificate	Nil
Diploma	
PG Diploma	04
Any other (please specify)	
Total	115

18. Number of working days during the last academic year.

19. Number of teaching days during the past four academic years.

("Teaching days" means days on which classes were engaged. Examination days are not to be included)

20. Does the university have a department of Teacher Education?

Yes No

If yes,

a. Year of establishment : **1952**

b. NCTE recognition details (if applicable) Notification

No.: Date:

..... (dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately?

Yes No

21. Does the university have a teaching department of Physical Education?

Yes No

If yes,

- a. Year of establishment (dd/mm/yyyy)
 - b. NCTE recognition details (if applicable) Notification No.: Date: (dd/mm/yyyy)
 - c. Is the department opting for assessment and accreditation separately?
Yes No
22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?
Yes No
If yes, please enclose approval / recognition details issued by the statutory body governing the programme.
23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.
No
24. Number of positions in the university

Positions	Teaching faculty			Non-teaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the UGC / University / State Govt.					
<i>Recruited</i>	29	50	241	323	122
<i>Yet to recruit</i>	19	33	212	33	8
Number of persons working on contract basis			39	60	Nil

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.	87	27	19	14	47	35	229
M.Phil.							
PG	01	-	01	-	22	11	35
Temporary teachers							
Ph.D.					20	14	34
M.Phil.							
PG					03	02	05
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	1	1	-

27. Chairs instituted by the university:

	Chairs
School / Department	--

28. Students enrolled in the university departments during the current academic year, with the following details:

Students	UG	PG	Inte- grated Masters	M. Phil.	Ph.D.	Inte- grated Ph.D.	D.Litt./ D.Sc.	Certi- ficate	Diploma	PG Diploma
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
From the state where the university is located	2951(M) 3225(F)	623(M) 631(F)		Nil	146(M) 133(F)		Nil			
From other states of India										
NRI students										
Foreign students										
Total	6176	1254		Nil	279					

*M-Male *F-Female

29. 'Unit cost' of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- (a) including the salary component = Rs. 3795.00
- (b) excluding the salary component = Rs. 770.50

30. Academic Staff College

- Year of establishment 2007
- Number of programmes conducted (with duration)

* UGC Orientation

Sl. No.	Orientation Programme	Duration	
		From	To
1.	Orientation Programme- 26	01.04.2014	28.04.2014
2.	Orientation Programme- 27	01.05.2014	28.05.2014
3.	Orientation Programme- 28	14.07.2014	09.08.2014
4.	Orientation Programme- 29	02.03.2015	28.03.2015

* UGC Refresher

Sl. No.	Refresher Course	Subject covered (Subject Approval to UGC, New Delhi)	Duration	
			From	To
1.	Research Methodology in Social Science	All Subject in Social Science	30.05.2014	19.06.2014
2.	Commerce & Management (ID)	Commerce & Management	21.06.2014	11.07.2014
3.	History (ID)	History	11.08.2014	31.08.2014
4.	Interaction Programme for Ph.D. Student	(Student of Social Science of Kumaun University Nainital only)	02.09.2014	22.09.2014
5.	Statistics, Mathematics, Computer Science & Information Technology (MD)	Statistics, Mathematics, Computer Science & Information Technology	25.09.2014	15.10.2014
6.	Life Sciences (MD)	Zoology, Agricultural Sciences including all subjects related to life Science	28.10.2014	17.11.2014
7.	Environmental Science (MD)	All subjects	19.11.2014	09.12.2014
8.	English Literature	English	20.11.2014	10.12.2014
9.	Disaster Management	Geography & Other related subjects	07.02.2015	27.02.2015
10.	Library & Information Sciences	Library & Information Sciences	10.03.2015	30.03.2015

* Other programmes

Sl. No.	Short Term Course/Professional Development/ Other Programme	Duration	
		From	To
1.	Academic Administration Workshop	23.09.2014	24.09.2014
2.	Principal's Meet	23.09.2014	
3.	Short Term Course	01.09.2014	06.09.2014
4.	Short Term Course (Disaster Management)	20.12.2014	22.12.2014

31. Does the university offer Distance Education Programmes (DEP)?
 Yes No
 If yes, indicate the number of programmes offered.
 Are they recognized by the Distance Education Council?
32. Does the university have a provision for external registration of students?
 Yes No
 If yes, how many students avail of this provision annually?
33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.
 Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4
 Re-Assessment:
34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)
 Cycle 1: 20/09/2000 (dd/mm/yyyy), Accreditation outcome/Result 4 Star Level 2
 Cycle 2: Requested for (dd/mm/yyyy), Accreditation outcome/Result
- * Kindly enclose copy of accreditation certificate(s) and peer team report(s)
35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.
36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).
 IQAC 30/09/2009
 AQAR (i) 2011-2012 - sent
 (ii) 2012-2013 - being sent
 (iii) 2013-2014 - being sent
37. Any other relevant data, the university would like to include (not exceeding one page).
- a. **Sports:** The University has played a pioneer role in the sports. Despite the fact that University does not have its own playground, the University players have succeeded in getting 45 gold, 56 silver and 104 bronze medals .
- b. **NSS:** NSS Units of both the campuses of the University are actively engaged to render social services in rural, urban and slum areas. Intensive campaign for environmental up gradation, intoxication free society, avoiding female foeticide, discipline drive among the students, blood and eye donation etc. has been emphasized during the camp hours.
- c. **NCC:** National Cadet Crops - Army and Navel wings are doing commendable work for the overall development of the students.

Kumaun University



NAAC SELF-STUDY REPORT ACTIONS TAKEN ON SUGGESTIONS OF THE NAAC PEER TEAM

2015

Action Taken on the Suggestions of the NAAC Peer Team after the accreditation is summarised as below:

1. SUGGESTION: Need for increasing staff strength

ACTION TAKEN: In the 10th and 11th Plan the UGC had sanctioned 33 more teaching and non-teaching posts to the Kumaun University, and the same has been advertised to strengthen the teaching and research programmes. In view of the conditions laid-down by the UGC that the sanctioned posts would be financed only for a period of five years, and thereafter that all the liabilities of the sanctioned post need to be taken care of by the State Government. Few posts sanctioned by the UGC during the 10th plan were filled following due procedure on the belief that the State Government will bear all the financial burden of the sanctioned posts after the prescribed time after which the UGC would cease the financial support.

In 11th Plan sanctioned posts were advertised by the University and in the meantime the State Government was approached for its concurrence to finance the same after end of the 11th plan period, but the State Government did not consent to bear the financial expenses after the 11th Plan Period. Therefore, all the posts sanctioned during 11th plan were not filled up. Certain non-plan posts sanctioned by the State Government are lying vacant due to non-availability of qualified candidate in spite of being repeatedly being advertised. The University is in the process of re-advertising all the vacant teaching and non-teaching posts

The University has appointed teaching personnel on contract basis in the larger interest of students against the vacant positions in the SC / ST / OBC category till the regular appointments are possible as per the norms laid by the UGC.

2. SUGGESTION: Providing more facilities for women students

ACTION TAKEN: The Centre for Women Studies has also established and is fully functional in the University. The Women Studies Centre has been designed to act as catalyst for promoting and strengthening women's studies through seminars, teaching, research, curriculum, field and extension work, training and

continuing education. This Centre is fulfilling the national goals in the field of women empowerment.

Necessary cells have been created in the campuses to look after the Sexual Harassment cases. These cells are working very effectively. However, till date no untoward incidence of Sexual Harassment against women has been reported. Separate toilet facilities for female students are available in all the Campuses of the University.

3. SUGGESTION: Keeping a minimum standard for admission to Ph.D. programmes

ACTION TAKEN: University is strictly adhering to the UGC Regulation of 2009 regarding entrance test, course work and other requisite norms to maintain high standards of the students and quality research.

4. SUGGESTION: Avoidance of repetitive research activities

ACTION TAKEN: Adhering to the suggestions of the NAAC Peer Team all departments are directed to avoid conducting researches that are repetitive in nature. Now the researchers are working on diverse areas of knowledge. Prior to the UGC Regulation of 2009, the University held pre-Ph.D. presentations by research scholars before the Research Degree Committee in which all teaching and researchers were invited. The new research avenues that have been incorporated in the research activities are cancer biology, nanotechnology, molecular microbiology, meta-genomics, geographic information science, and many other upcoming disciplines.

5. SUGGESTION: Encouraging inter-departmental collaborative research

ACTION TAKEN: As suggested by NAAC Peer Team, both campuses have initiated inter-departmental collaborative research in different forms incorporating, cancer biology, nano-science and nano-technology, molecular biology, meta-genomics and other advanced research domains.

6. SUGGESTION: Optimum utilisation of sophisticated equipment

ACTION TAKEN: The departments of both the campuses share their resources

with other departments as and when required by the scientists and researchers as per suggestions of the NAAC Peer Team.

7. SUGGESTION: Strengthening of library facilities especially in Nainital Campus

ACTION TAKEN: The Central Library has been fully automated and automation work is in progress at DSB campus. The library personnel make use of Koha, an open source Integrated Library System (ILS) for automation purposes, and Open Education Resources (OER) for students and research scholars. High speed Internet facility is also available at the library for the students and faculty.

Reprographic Section is set-up on outsourced basis that is providing photocopy, scanning, lamination, typing, printing and competition forms facilities to our students and faculty members. DSB Campus Library also has an agreement with the Central Library, Kumaun University, Nainital for Inter Library Loan Services. Initially Journals available at our Central Library are being provided to our users on demand.

A large number of books and journals have been purchased worth over Rs.50 lakhs by the DSB Campus library since recommendation of the NAAC Peer Team. Further, the following have been established at the library:

8. SUGGESTION: Improving Internet facilities

ACTION TAKEN: Under the Government of India initiative National Knowledge Network has been provided with 1 GBPS internet facility and all teaching faculty have been provided with individual laptops and iPads to facilitate their use of Internet and communications.

9. SUGGESTION: Campus transportation

ACTION TAKEN: Due to the topographic conditions of the campuses it was not found to be viable to provide mass transportation, i.e. buses, to the campuses, especially in Nainital and Almora where the plying of heavy vehicles is restricted as per the order of Honourable High Court of Uttarakhand. However, up to the road head, that is, the bus station free transport is being provided by the State Government to the female students and concession to other students.

10. SUGGESTION: Contingency help to non-stipendiary research scholars

ACTION TAKEN: Kumaun University is providing scholarships and financial assistance to the meritorious and deserving students. All SC and ST students are availing State Government fellowship for higher studies.

11. SUGGESTION: Adoption of Semester system examinations

ACTION TAKEN: Semester system has already been introduced in all Post Graduate courses and a few professional courses at Under Graduate level. The semester system will be adopted for all the courses from forthcoming academic year.

12. SUGGESTION: Introduction of choice-based credit system at least in PG programmes

ACTION TAKEN: The choice-based credit system in all the courses will be adopted shortly after its modalities have been finalised with students and the departmental faculty. The same has been initiated by the Vice Chancellor and would be materialised in the near future.

13. SUGGESTION: More support and better governing mechanism for Almora Campus

ACTION TAKEN: In furtherance to the suggestions of NAAC Peer Team, Almora Campus has been groomed to function independently on the basis of initiative taken by the University to develop Almora Campus as a Residential University. The consequence is that the State Government in principle agreed to the concept and has assigned Kumaun University the task of designing and conducting a pilot study to shape up Almora Campus as a Residential University. A fund of Rs. One Crore for the same has been allocated to Kumaun University as seed money and the Steering Committee and other modalities for the same are in the pipeline to design the final blueprint of the proposed University.

Kumaun University



NAAC SELF-STUDY REPORT CRITERION I : CURRICULAR ASPECTS

2015

CRITERION I: CURRICULAR ASPECTS

1.1 CURRICULUM DESIGN AND DEVELOPMENT

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the university?

- The various academic bodies of the University, like Departmental Research Committees, Boards of Studies, and Academic Council, while undertaking matters relating to the introduction of new academic programme(s) or updating of existing curriculum, ensure that these new programmes/components are in consonance with the vision and mission of the university. Accordingly the University is offering following programmes:
 - PG programmes in 32 disciplines in the University campus
 - 12 UG programmes with different combinations.

Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

Yes, details of the process are as follows:

a) **Need Assessment:**

- All faculty members of the University keep track of new developments in their respective fields and emerging areas of research through National and International journals; participation in national and international seminars, conferences & workshops, formal and informal interactions with faculty of other universities in the country and abroad, and browsing of internet. All these inputs are taken into consideration while revising both UG and PG courses by their respective Board of Studies and Faculty Boards. The Head/Dean of the concerned Departments is required to present and defend the revised curriculum in the Academic Council. The learned members of the Academic Council also contribute to a great extent.
- The need assessment for the revision of Post Graduate programs is an inbuilt mechanism in the University ordinances and regulations and most courses have been redesigned to be in Semester Mode as per the recommendations of the UGC. Every academic department of the University has its own faculty that meets on regular basis to discuss issues relating to the existing curriculum and for its further revision in relation to not only the emerging issues in the field but also the requirement of the employment market in the globalized world. Every department before putting the draft of its revised syllabi to its Board of Studies conducts a series of meetings of its Faculty Board.

b) **Feedback System:**

• **Students:**

The University takes informal feedback from students on various issues relating to their education and support services through its departments.

• **Teachers:**

Teachers from various faculties from both the campuses give periodic informal feedback on the various aspects of syllabi, teaching learning processes and evaluation system relating to their respective courses to their respective heads.

1.1.2 How are the following aspects ensured through curriculum design and development?

a) Employability:

- The statutory academic bodies of the University, while developing the curriculum, keeps the requirements of international, national and local employment market in view, and design the curriculum accordingly, without compromising on the basic requirement of concerned discipline and core values and ethos.
- In addition to this, the professional courses ensure inclusion of internship, industrial, and field training in their curriculum.
- Formal/informal inputs from various stakeholders such as students, alumni, parents, community, civil society and employers are taken into account while designing and updating curriculum.

b) Innovations:

The University has adopted the following innovations in designing curriculum and evaluation of students learning outcomes.

- Adoption of Semester System at PG level with 25% of internal assessment component
- Role of Academic Expertise in social activities such as landslide and hazard-zonation, social forestry, clean environment etc.
- Adoption of Course work for M.Sc. and Ph.D. programmes

c) Research:

- Research Methodology is a compulsory component in many PG programmes.
- With the adoption of UGC-Regulation, 2009, one semester course work for Ph.D. Programme, having a compulsory paper on Research Methodology, has been introduced by all departments.
- University has been regularly conducting ICSSR / UGC / DST sponsored Workshops / Refresher Course / Training Programmes in Research Methodology for Research Scholars and Faculty members.

1.1.3 To what extent does the university use the guidelines of the regulatory bodies for developing and / or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

- The model syllabi designed by regulatory bodies like UGC, NCTE, AICTE, BCI, DBT, PCI etc.
- As per directives from the Hon'ble Supreme Court, a course on environmental studies has been introduced at all UG and PG curriculum.
- The University has introduced semester system in PG programmes.
- The UGC Regulations 2009 on Ph.D. and D.Lit. / D.Sc. Programmes has been adopted in totality.
- The University has not yet contributed to any curriculum reform impacting at the national level.

CRITERION I: CURRICULAR ASPECTS

1.1.4 Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

- Yes, the University interacts with industry, research bodies and the civil society through various Departments and Faculties and in the process has enriched its curriculum. In particular, the Faculties of Science, Art, Commerce, Pharmaceutical, LAW and Management Studies are well connected with the industry which helps in getting placements for the students passing out from Kumaun University.

1.1.5 Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.

- The University has Ordinance for introduction of new courses in affiliated colleges which is in accordance with UGC Regulations on the matter.
- The University designs and provides updated curriculum for the new courses for its affiliated colleges and wherein the concerned faculty are actively involved in its development.
- Orientation workshops for college teachers are conducted by the University to help facilitate the introduction of the new programmes.
- During the last four years new programmes / subjects have been introduced in the affiliated colleges, for example, M.Sc. Geology at L. S. M. P. G. College Pithoragarh and M.A. (Home Science) at M. B. P. G. College, Haldwani.

1.1.6 Does the university encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

- Yes, P.G. Diploma in Yoga has been introduced in the campuses as a diploma courses during the last 5 years.

1.2 ACADEMIC FLEXIBILITY

1.2.1 Furnish the inventory for the following:

Programmes taught on campus are:

- 12 UG and 32 PG programmes.
- The U.G. programmes with duration of 3 years in Semester mode are in Computer Application, Fine Arts, Law, Management and 4 years course in B.Sc. Forestry and Pharmacy, 3 years in Annual mode in Bachelor of Arts, Science and Commerce and one year in semester mode in Library and Information Science.
- The P.G. programmes with a duration of 4 semesters are as follows: Biotechnology, Bioinformatics, Botany, Chemistry, Commerce, Computer Science, e-commerce, Economics, Education, English, Fine Arts, Forestry and

SOME OF THE TOP CLASS INFRASTRUCTURAL FACILITIES AVAILABLE AT KUMAUN UNIVERSITY



Environmental Sciences, Geography, Geology, GIS, Hindi, History, Home Science, Journalism & Mass Communication, Law, Library & Information Science, Management, Mathematics, Microbiology, Music, Pharmaceutical Sciences, Physics, Political Science, Psychology, Sanskrit, Statistics, Zoology and one year in semester mode in Library and Information Science.

- Overseas programmes offered on campus : Nil

1.2.2 Give details on the following provisions with reference to academic flexibility

- a. Core / Elective options
- b. Enrichment courses

a & b are available only in the Department of Geology for the Masters Course.

- c. Courses offered in modular form Nil

- d. Credit accumulation and transfer facility
No. There is no provision for credit accumulation and transfer.

- e. Lateral and vertical mobility within and across programmes, courses and disciplines
No. There is no provision for vertical and lateral movement across departments.

1.2.3 Does the university have an explicit policy and strategy for attracting international students?

- The University is yet to have an explicit policy and strategy for attracting international students. However, over the past years some foreign students, especially Nepal, Iraq and some neighbouring countries have studied at the University. Recently, talks of the University for admission of Nigerian students into its various courses is under way.

1.2.4 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

- No, the University has not yet developed any course targeting international students mainly due to its focus to provide quality education to the people of the region.

1.2.5 Does the university facilitate dual degree and twinning programmes? If yes, give details.

- Yes, some faculties of the University have developed the required infrastructure for such facilities such as Actuarial Science B.Sc. + M.Sc. and IMBA under the aegis of Department of Statistics, SSJ Campus, Almora and Department of Management Studies, Bhimtal (Nainital) respectively.
- At present we do not have a dual degree or twinning programme with another university. However, we are in process of starting dual degree-Masters and PhD programs in Cancer Biology and Nanosciences with Roswell Park Cancer

CRITERION I: CURRICULAR ASPECTS

Institute (RPCI), Buffalo (NY) and State University of New York (SUNY), Buffalo (NY). Prof. R. K. Pandey from RPCI, Buffalo has already visited Kumaun University and had meeting with Science faculty of Kumaun University Nainital in this regards.

1.2.6 Does the university offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

- Yes. Some Departments of the University are offering various courses under the self-financing programme. Fee structure of the self financing programmes is as per the university rules and teachers qualification as per UGC rule.

1.2.7 Does the university provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

- No.

1.2.8 Has the university adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university to encourage the introduction of CBCS in its affiliated colleges?

- No.

1.2.9 What percentage of programmes offered by the university follow:

- Annual system: About 20%.
- Semester system: In some professional UG programmes and most PG programs. (About 80%).
- Trimester system: Nil (0%)

1.2.10 How does the university promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.

- Interdisciplinary programmes are in-built in some of the under-graduate programmes being run by the University.
- For example, Bachelor programmes in Information Technology, Computer Applications, Masters Programmes in Biotechnology, Bioinformatics and MGIS are interdisciplinary in nature. These programmes are being run successfully.

1.3 CURRICULUM ENRICHMENT

1.3.1 How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

- University at regular intervals of 2 to 3 years reviews and upgrades the curriculum of its PG and UG programmes, respectively. Minor revision in curriculum is effected periodically.
- The latest revision / up-gradation of curriculum of all UG and PG programmes took place in 2013-2014.

1.3.2 During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

During the last four years, the following new programmes have been introduced in the undergraduate and post graduate level:

- Bachelor of Computer Applications, Bachelor of Library and Information Science, Bachelor of Visual Arts, B.Sc. Forestry, B. Pharma., B.B.A., B. Com. (Hons.)
- M.Sc. (Geology), M.Sc. in Information Technology, Master of Library and Information Science, Master of Visual Arts, M. Pharma., MBA (Tourism), MSc. in Microbiology, M.A./M.Sc. (GI Science and Remote sensing), M.Sc. Forestry, M.A. Home Science, Master of Social Work, Master in Yoga and Holistic Health, M.A. Philosophy, M.A. (Education), LL.M.,
- M.B.A. E-Commerce, M.B.A. (Tourism),
- Advance Diploma in Information Technology, P.G. Diploma in Translation, P.G. Diploma in Computer Applications, P.G. Diploma in IT, P.G. Diploma in Journalism and Mass Communication
- Centre for Study in Climate Change
- Actuarial science B.Sc. + M.Sc.
- NRDMS Centre at SSJ & DSB are established

Besides abovementioned courses, M.Sc. and Ph.D. programs in Cancer Biology are to be started from upcoming academic session. A sum of INR 2.27 Crore has been sanctioned from Rastriya Uchcharat Siksha Abhiyan (RUSA) for starting these courses. Additionally Honourable Chief Minister of Uttarakhand has also sanctioned INR 2.0 Cr to establish department of Cancer Biology at Kumaun University.

1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

- The University has a policy of revising its existing UG and PG programmes once in 2-3 years.
- The latest revision of all UG and PG programmes took place in 2013-14 and about 20-30% of the course content was revised.
- Courses in all programme are constantly revised based on the feedback received from students, faculty, scholars, research collaborators, institutions (dedicated for national policy making in various subjects) and Academic Council.

WORKSHOPS AND SEMINARS AT KUMAUN UNIVERSITY



CRITERION I: CURRICULAR ASPECTS

- On exemplary basis we can cite one reference:
 - In the curriculum of M.Sc. in Biotechnology a significant modification has been recently introduced based on recommendation from Department of Biotechnology (DBT), Government of India. The major portion of new curriculum is developed by Biotech Consortium India Limited (BCIL), a public limited company, promoted by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, for technology transfer, project consultancy, fund syndication, information dissemination, and manpower training & placement related to biotechnology in India. Direct involvement of BCIL and institutions like this (in other subjects) ensures that most relevant, up to date and job oriented courses are taught to the students.

1.3.4 What are the value-added courses offered by the university and how does the university ensure that all students have access to them?

- University is yet to introduce value-added courses in the Campus.

1.3.5 Has the university introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

- University is not yet offering any skill development programme.

1.4 FEEDBACK SYSTEM

1.4.1 Does the university have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

- No. However, the University has an informal system for obtaining feedback from students regarding curriculum at departmental level. The said feedback is used in the minor and major revisions of curriculum.

1.4.2 Does the university elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

- Yes, the university organised a Workshop at the Hermitage to elicit feedbacks from national and international faculties and during visits of faculty in India and abroad, as well as seminars and workshops organized by departments wherein external resource persons are invariably invited.
- Through external members of every Board of Studies as well as Academic Council.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

- Faculty members from affiliated colleges are members of Board of Studies, and Academic Councils through which the members actively participate and give feedback. Such feedbacks are accordingly considered during revision of curriculum for the programmes.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the university in ensuring the effective development of the curricula?

- Periodical revision and up gradation of curriculum involving all faculty members in the concerned departments, faculty members of allied and cognate subjects, and external members, through Board of Studies, and Academic Council.
- Informal feedback from alumni, parents and other stakeholders.
- Informal feedback from students and alumni on courses and faculty at Departmental Level.
- The University attempts to create curricula, and meet standards in its quality, set by premier institutes (in various subjects) in India and abroad. We endeavour to incorporate renowned academicians and researchers from India and abroad in our advisory boards for different subjects. Direct involvement of different Professional bodies (like, BCIL) in this task and taking insights from syllabi of renowned agencies designed for quality evaluation at national level (e.g. Syllabi of National Eligibility Tests (NET) organized by UGC, CSIR, DBT, ICMR etc.), adds further quality and professional relevance to the courses. Furthermore, we have also introduced a students' feedback system, that also upto some extent helps to identify the obstacles in the learning process so as to streamline the learning by incorporation of additional basics as per requirement of students.

Kumaun University



NAAC SELF-STUDY REPORT CRITERION II: TEACHING-LEARNING AND EVALUATION

2015

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 STUDENT ENROLMENT AND PROFILE

2.1.1 How does the university ensure publicity and transparency in the admission process?

- In order to ensure publicity of its admission process Kumaun University publishes prospectus and admission notice for various programmes in the national and local newspapers and in Kumaun University website prior to the commencement of academic session.
- As for transparency in admission process, each academic department maintains records of the admission proceedings which are made available to the stakeholders on demand.

2.1.2 Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.:(i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the university (please specify).

- Each Academic Department of Kumaun University conducts admission in the month of July for its various programmes in accordance with Kumaun University's Ordinance on the basis of merit and entrance test and counselling. The reservation policy of the university is as follows:

(i) General Category candidates:	63%
(ii) Reserved for SC candidates:	19%
(iii) Reserved for ST candidates:	04%
(iv) Reserved for OBC non-creamy layer candidates:	14%
(v) Lateral reservation in each category	
• Reserved for women candidates:	30%
• Ex-servicemen	02%
• Physically disabled	03%
• Dependents of Freedom Fighters	02%

Note: There are some additional awards of marks for NCC, NSS, Sports personnel, Dependents of the employees of the University and affiliated colleges as details mentioned in the Prospectus of Kumaun University published in each academic session.

- (b) There is also a provision of Reservation for the applicants from Jammu & Kashmir.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

- Admission in the affiliated colleges takes place at the same time as the Campuses of Kumaun University each college admits students as per its intake capacity. Students are generally admitted on the basis of merit in the qualifying examination.
- The university is not directly involved in the admission process in affiliated colleges as they are administered by the State government or have their own

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management in case of private colleges. However, the university ensures that the affiliated colleges adhere to the admission procedures laid down in its Ordinances and Regulations.

2.1.4 Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

- Yes. Prior to and soon after the admission process is complete, a meeting of the Admission Committee chaired by the Vice Chancellor is convened to review the process and profile of admitted students. Besides, the Board of Studies, Faculty Boards and Academic Council also review the process annually. The intake capacity and cut-off marks are reviewed and students profile as per reservation policy Government of Uttarakhand as stipulated in 2.1.2 is ensured.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- SC/ST: The University reserves 23% of the seat for students belonging to this category. There is also a relaxation of 5% marks.
- OBC: The University reserves 14% of seats for students belonging to this category. There is also a relaxation of 5% marks.
- Women: university provides 30% horizontal reservation of seats for students in each category to women. Single girl child is also provided scholarship as per UGC norms on application.
- Persons with varied disabilities: university provides 3% horizontal reservation of seats for students in each category.
- Economically weaker sections: They are covered under the non-creamy layer of the OBC category, and students of kumaun region.
- Outstanding achievers in sports and other extracurricular activities. They are awarded extra-marks for determining the merit.

2.1.6 Number of students admitted in university departments in the last four academic years:

Categories	Year 1		Year 2		Year 3		Year 4	
	(2013-14)		(2012-13)		(2011-12)		(2010-11)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	1197	1054	1108	1067	998	995	1113	996
ST	131	117	119	96	107	100	121	127
OBC	258	331	229	305	242	280	213	279
General	3081	3347	2588	3215	2800	3228	1913	2682
Others (PWD)	06	00	03	04	00	00	03	01

2.1.7 Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease:

- No.

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2.1.8 Were any programmes discontinued /staggered by the university in the last four years? If yes, please specify the reasons.

- Yes, Masters in Home Science was discontinued in Session 2014-15 because of less number of applicants as this programme runs under self-finance mode.

2.2 CATERING TO DIVERSE NEEDS OF STUDENTS

2.2.1 Does the university organize orientation / induction programme for fresher? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- No.

2.2.2 Does the university have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- No.

2.2.3 Does the university offer bridge / remedial / add-on courses? If yes, how are they structured into the timetable? Give details of the courses offered, department-wise/faculty-wise?

- No.

2.2.4 Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

- No.

2.2.5 How does the university identify and respond to the learning needs of advanced learners?

- No.

2.3 TEACHING-LEARNING PROCESS

2.3.1 How does the university plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

- The University has a well-defined academic calendar which envisages >180 teaching days in a year. Every department adheres to the teaching plan and blueprint for evaluation (continuous internal and end semester/annual examination) as provided for in the University Rules. Results are declared within 2-4 weeks from the last day of examination.

2.3.2 Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- Yes, academic departments provide the students course outlines and schedules for commencement of the academic session as well as detailed departmental

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academic schedule for internal tests, assignments, projects etc. This enables the students to collect and read basic texts for each course, thus helping them in their preparation for their courses as well as for the following semester.

2.3.3 Does the university face any challenge in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

- So far, the university has not faced any challenge in this regard.

2.3.4 What is the university's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?

- The University has a liberal policy of inviting experts and people of eminence from within and outside the country to deliver lectures to the academic community, including the students. It also encourages academic departments to organize lectures and seminars for the students and research scholars, and funds provided for. Besides, the University arranges interactive programs for the students and faculty with experts who visit the University for different assignments.

2.3.5 Does the university formally encourage blended learning by using e-learning resources?

- The university has initiated a process that is designed to encourage blended learning for the students by subscribing online and e-journals through UGC-Inflibnet consortium, Science Direct and Kluwer etc. Plans are afoot for installation of wi-fi hot spots in strategic places in each academic school so that web contents will be made accessible to and from the class room, therefore, enabling the students to benefit from the classroom experience. E-learning resources are made accessible to students, research scholars and faculty through Computer Centre as well as Central Library and internet connectivity that is made available to departments for each faculty.

2.3.6 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

E-learning resources are crucial for academics and research in contemporary times. Students are introduced to various open educational resources and useful databases available at www and encouraged to utilize them. Students are also given assignments that include use of online databases and learning resources available in various subjects. The Central Library at Kumaun University provides online access to several journals and academic work. Presently Faculty members, research scholars and students from different campuses of KU could Email to library staff and get their article(s), study material from various online resources.

In today's world where we find pervasiveness of technology everywhere, we encourage students to be both confident and competent with all media and methods of communication.

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Some practices which are being followed may be summarized as under:

- We supplement face-to-face learning and teaching by creating and moderating online activities in blackboard;
- We disseminate information such as notes, print outs or presentations using blackboard;
- We give students flexibility to access and engage with materials when, where and how it suits them, such as by creating podcasts or making materials available on blackboard;
- We engage students by designing blended activities, such as using an i-class electronic response system (keypad) or using a coordinated system of quizzes and immediate feedback with in-class groups

2.3.7 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the university's educational processes?

- For the effective teaching University has LCD Projectors, OHP machines, computer with internet facility, and seminar halls with audio-visual teaching aid, in most of its departments. Faculty members are encouraged to utilize e-learning resources to enhance learning, wherever required. Links to open courseware from various universities such as, Johns Hopkins University, University of California Irvin, University of Tufts etc. and other online resources such as Khan Academy, BBC, National Geographic etc. are commonly used as learning resources. Faculty members also utilize many databases, such as, Pubmed, Pubchem, Ebsco, Taylor & Francis, Sciencedirect, Highwire, EBI etc., in preparation of lectures and designing project plans, research proposals etc., and students are also encouraged to utilize these resources. University has free access to a number of e-journals in various fields of study and students are encouraged to use these resources for various assignments. Staff of Central Library at Nainital ensures that faculty, research scholars and students can access various journals, books and databases etc. Also, teachers integrate high quality research into their teaching by accessing these resources.

2.3.8 What steps has the university taken to convert traditional classrooms into 24x7 learning places?

- Not yet, but the University envisages such facilities in its prospective plans.

2.3.9 Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

- No.

2.3.10 Were any innovative teaching approaches/methods/practices adopted/ put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

- No.

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2.3.11 How does the university create a culture of instilling and nurturing creativity and scientific temper among the learners?

- The university tries to create a culture of instilling and nurturing creativity and scientific temper among the learners by encouraging creative thinking, independent research, a spirit of questioning and curiosity through student's teacher interactions and departmental seminars.

2.3.12 Does the university consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

University aims to create a culture of instilling and nurturing creativity and scientific temper among the students and researchers through organizing various competitions such as writing essays, group discussion, debates, science exhibitions etc., at the level of class, department, campuses and divisions of Arts, Science and Commerce. To nurture creativity and scientific temper students are also taught to ask questions, hypothesizing explanations for the given questions, ruling out relatively improbable explanations, setting up experiments according to hypothesis with proper controls etc. In the practical classes special attention is paid on troubleshooting part for experiments those do not work as expected. Free softwares like Omnitux for educational activities based on multimedia elements (images, sounds and text); e - Adventure (authoring tool for the creation of point-and-click games designed for educational purposes; Cabra (smart studying sessions, notes, printing, sharing) etc. for enhancing creativity, inquisitiveness and wishful thinking for scientific temper have also been popularized among students.

- Yes. Student projects are made mandatory in 25% of the PG programmes and a few UG programmes.
- Number of projects executed within the university
 - 200 projects approximately annually.
- Names of external institutions associated with the university for student project work
- Various departments under Government of Uttarakhand such as:
 - Education, Social Welfare, Directorate of Industries, Geology & Mining, Medical and Health Department, Special Economic Zone (SEZ), Nationalized Banks, NGOs are associated in various capacities with the concerned departments of the University for student project works.
 - National and state funded research institutes (CSIR-CMAP, CSIR-CDRI, DST-WIHG, CSIR-NGRI, CSIR-CCMB) and many other institutions.
- Role of faculty in facilitating such projects
 - Each faculty is assigned multiple students for advising / counselling and facilitating the quality work, project work.

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2.3.13 Does the university have a well-qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- Yes, the university in general has a well-qualified pool of human resources to meet the requirements of the curriculum.
- However, some departments of the University do not have sufficient team of faculty members due to comparatively less number of post sanctioned by the state government.

2.3.14 How are the faculty enabled to prepare computer-aided teaching/learning materials? What are the facilities available in the university for such efforts?

- The Computer Centre and Academic Staff College conduct various training programmes for teachers in a regular interval updating them in statistics and computer. Statistical and scientific software such as SPSS, SYSTAT12, R, Arc GIS, MS Office applications. Most of the departments are equipped with projectors, laptops and internet connectivity.
- All the faculty members have been provided with laptops or I-pad from the University. Additionally, in all the departments, desktop access, access to useful software is available to students, research scholars and faculty members. Most of the departments have internet access and many of them are Wi-Fi enabled. Smart classrooms are there in different departments, and projectors with speakers are installed in lecture theatre(s) of most of department(s). Every faculty member is making maximum use of the latest lecture notes available on websfree lecture and study notes from learners TV, MIT open courseware, Open Yale Courses, U Mass Boston open courseware, MOOC online courses, Khan Academy, Learning space: The open University, Carnegie Mellon Open learning initiative, Tufts Open Courseware, Stanford on iTunes U, Utah Stale Open courseware, University of California I vine courseware Edx, Coursera Udemy, Open Culture, Udacity, New York University, Gresham College etc. are used to prepare best study material in open education resources. Mr. Naveen Pathak V.P. Business Development from Progia learnware has visited University twice to give on hand experience to faculty members and research scholars for working on OER. Some departments having smart class rooms faculties have attained successes in the forms of reduction in drop out and repetition rate, enhancement in the achievement levels and making learning joyful.

2.3.15 Does the university have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

- A students' feedback system has been introduced to identify the obstacles in the learning process and enhance the quality of academic transactions. We also take Parents' feedback as these surveys give parents the opportunity to let us know how we are doing. These feedbacks are important to us in order to make this University even better, in tune with the needs of our students, parents and local community. Apart from the formal questionnaire, faculty members at individual and departmental level regularly interact with the students to identify the effective teaching methods, topics needing additional attention, as well as other issues

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crucial in the interests of learning and cognitive development.

- The mechanism which is bring rigorously followed at Academic Staff College of the University emphasizes its use for following four different purposes-
 - as a formative and diagnostic feedback mechanism in order to improve the teaching and course contents,
 - as a summative feedback mechanism in personal and administrative decision making,
 - as a source of information for prospective students when selecting course units and lectures and
 - as a source of data for research on teaching.

1. STUDENT FEEDBACK QUESTIONNAIRE ON COURSE

Programme: _____ Semester/Term/Year: _____

Department: _____ Faculty: _____

Students are required to rate the courses on the following attributes using the given 5-point Likert scale: **1 – Best, 2 – Very Good, 3 – Good, 4 – Satisfactory, 5 – Unsatisfactory**

Parameters	Rating
1. Exhaustiveness of the course content, including optional project work	
2. Range of coverage of course	
3. Applicability/relevance to real life situations	
4. Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)	
5. Clarity and relevance of textual reading material	
6. Relevance of additional source material (Library)	
7. Extent of effort required by students	
8. Overall rating	

2. STUDENT FEEDBACK QUESTIONNAIRE ON TEACHERS

(Separate for each Teacher)

Programme: _____ Semester/Term/Year: _____

Department: _____ Faculty: _____

Name of the Teacher: _____

Students are required to rate the courses on the following attributes using the given 5-point Likert scale:

1 – Best, 2 – Very Good, 3 – Good, 4 – Satisfactory, 5 – Unsatisfactory

Parameters	Rating
1. Knowledge base of the teacher (as perceived by you)	
2. Communication Skills (in terms of articulation and comprehensibility)	
3. Sincerity / Commitment of the teacher	
4. Interest generated by the teacher	
5. Ability to integrate course material with environment/other issues, to provide a broader perspective	
6. Ability to integrate content with other courses	
7. Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)	
8. Ability to design quizzes /Tests /assignments / examinations and projects to evaluate	

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students understanding of the course	
9. Provision of sufficient time for feedback	
10. Overall rating	

3. STUDENTS' OVERALL EVALUATION OF PROGRAMME & TEACHING (Evaluation done only on declaration of results)

Programme: _____ Semester/Term/Year: _____
 Department: _____ Faculty: _____

- Your responses are recorded only after the course results have been declared.
- You may tick off more than one option to a question to the extent that it does not invalidate your response, e.g. for Parameter 1 the response cannot be both adequate and dull.

Parameter	Option 1	Option 2	Option 3	Option 4
1. The syllabus was	Challenging	Adequate	Dull	Inadequate
2. Your background for benefiting from the course was	More than adequate	Just adequate	Inadequate	Cannot say
3. Was the course conceptually difficult to understand?	Easy	Manageable	Difficult	Very difficult
4. How much of the syllabus was covered in class?	85 to 100%	70 to 85%	55 to 70%	Less than 55%
5. What is your opinion about the library materials for the course?	Excellent	Adequate	Inadequate	Very poor
6. Were you able to get the prescribed readings?	Easily	With difficulty	Not at all	With great difficulty
7. How well did the teacher prepare for class?	Thoroughly	Satisfactorily	Poorly	Indifferently
8. How well was the teacher able to communicate?	Effectively	Invariably	Satisfactorily	Badly
9. Did the teacher encourage student participation in class?	Yes	Attempted	Not at all	Sometimes
10. If yes, which of the following methods were used?	Encouraged questions	Discussion in class	Discussion outside class	Discussion individually
11. How helpful was the teacher in advising?	Helpful	Unhelpful	Sometimes helpful	Sometimes unhelpful
12. Was the teacher	Courteous	Rude	Indifferent	Strict
13. Did the internal assessment work?	Fairly	Regularly	Helpfully	Cannot say
14. What effect do you think the internal assessment will have on your course grade?	Improve it	Lower it	No effect	Cannot say
15. How did the teacher provide feedback on your performance?	Regularly/irregularly	In time/Late	With helpful comments	Without comments
16. Were your assignments discussed with you?	Yes, fully	Yes, partly	No	Sometimes
17. Were you provided with a course and lecture outline at the beginning?	Yes, full description	Yes, part information	No	Sometimes
18. Was it helpful?	Yes	Partly	No	Cannot say
19. Was it followed?	Yes	Partly	No	Cannot say
20. Was there any opportunity for personal interaction with teachers?	Yes	To some extent	Nil	Cannot say
21. Was there any opportunity for small group work?	Yes	To some extent	Nil	Cannot say
22. Were outsider experts invited to address you?	Frequently	Yes	Rarely	Never
23. Did you visit industries, laboratories, banks and outside Universities?	Yes, frequently	Sometimes	Yes, rarely	Never

If you have other comments to offer on the course and the instructor you may do so below or on a separate sheet.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.4 TEACHER QUALITY

2.4.1 How does the university plan and manage its human resources to meet the changing requirements of the curriculum?

- The university conducts seminars/symposia/workshops on various academic themes, and also deposes faculty members to attend such programmes outside the State and country. The Academic Staff College also conducts various training courses for academic rejuvenation of its human resources in order to meet the changing requirements of the curriculum.

2.4.2 Furnish details of the faculty

Highest Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.	87	27	19	14	47	35	229
M.Phil.	-	-	-	-	-	-	-
PG	01	-	01	-	22	11	35
Temporary Teachers							
Ph.D.	-	-	-	-	20	14	34
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	03	02	05
Part-time Teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

2.4.3 Does the university encourage diversity in its faculty recruitment? Provide the following details (department / faculty-wise). No

- There is no clear policy about the encouraging regarding diversity of faculty during recruitment.

2.4.4 How does the university ensure that qualified faculty are appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

- Kumaun University is committed to impart quality education and support quality research in modern areas of science and other faculties, and recruitment of highly qualified faculty members is a prerequisite to achieve this goal. In the most recent recruitments held in various departments viz. Biotechnology, Physics, Chemistry, Zoology, Botany and others, all the new faculty members are highly meritorious and majority of them are trained from highly reputed international Universities/institutes of USA, Japan, India, Germany, Singapore etc. All of these faculty members have

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excellent publication records with good number of publications in high impact factor journals. Recruitment of faculty members is strictly done keeping in mind the programme and course needs. In programmes those are short of faculty, recruitment of temporary faculty members is carried out and also by inviting short-term visiting faculty. In these short term arrangements as well, university makes it sure that quality of teaching/research is not compromised.

- The university creates a screening committee before interviews for selection of faculty for each programme and strictly implements the UGC regulation 30th June, 2010 for the selection of university teachers.

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the university?

- During the assessment period, there were approximate 30 Visiting Professors (under UGC merged scheme and UGC-SAP-CAS programmes) and 2 Emeritus Professors.

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)?

- The University provides following support to academically recharge and rejuvenate teachers:
- University provides seed money for organizing seminars and conferences.
- University provides TA/DA and registration fees for attending international, national, and regional level seminars, symposia, etc.
- Grants study leave for pursuing higher degree and fellowship
- On duty and duty leave for attending seminar/symposia/ workshop, refresher courses and orientation programmes.
- It encourages teachers to apply for research grants from national and state level funding agencies.

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

- More than ten faculty members received awards and recognition.

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programmes	Number of faculty
Refresher courses	696
HRD programmes	-
Orientation programmes	392
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, workshops, etc.	97

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2.4.9 What percentage of the faculty have

- been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies?
 - 10%
- participated in external Workshops / Seminars / Conferences recognized by national/international professional bodies? :
 - 30%
- presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies? :
 - 40%
- teaching experience in other universities / national institutions and other institutions?
 - 10 teachers
- industrial engagement?
 - Nil
- international experience in teaching?
 - 2 teachers

2.4.10 How often does the university organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

- The Academic Staff College of the University organizes on an average two orientation programmes per year that contains modules on curriculum development, teaching learning methods and examination reforms. It also annually organizes 8-10 subject specific and interdisciplinary refresher courses on emerging and frontline areas of knowledge and its management. Nearly 25% of the participants belong to the University faculty and teachers from affiliated colleges.

2.4.11 Does the university have a mechanism to encourage

- Mobility of faculty between universities for teaching? No
- Faculty exchange programmes with national and international bodies? If yes, how have these schemes helped in enriching the quality of the faculty? No

2.5 EVALUATION PROCESS AND REFORMS

2.5.1 How does the university ensure that all the stakeholders are aware of the evaluation processes that are operative?

- The university maintains transparency in its evaluation process through the following:
 - Open access to Regulation on evaluation processes through Kumaun University website.

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2.5.2 What are the important examination reforms initiated by the university and to what extent have they been implemented in the university departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

- Entire PG programmes have been converted from annual system to Semester system.
- Evaluation is a two tier system: Internal Assessment 25% and External Evaluation 75%.
- Prior to the introduction of Semester system in PG programmes, internal assessment component of 25% was in place in PG programmes only.
- Under semester system there was no internal assessment in the UG programmes
- As a result, the positive impact witnessed in the examination management system is early declaration of examination results. The University is also moving towards central evaluation of all programmes. This has also resulted in timely commencement and completion of all academic programmes on time.

2.5.3 What is the average time taken by the University for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for the publication of examination results (e.g. website, SMS, email, etc.).

- The university takes an average time of one month for the declaration of examination results,
- 10 days to two weeks for the declaration of PG examination results, and so far there has been no notable case of delay.
- The publication of examination results is done through Kumaun University's website, i.e. www.kuexam.ac.in/www.indiaresults.com

2.5.4 How does the university ensure transparency in the evaluation process? What are the rigorous features introduced by the university to ensure confidentiality?

a) Transparency

- Provision of scrutiny/ re-evaluation in place for end semester examinations.
- The answer scripts of the end-semester examinations are made available through the RTI Act.

b) Confidentiality

- Correspondence relating to Examinations is carried on with utmost confidentiality as per the University's Rules.

2.5.5 Does the university have an integrated examination platform for the following processes?

- Pre-examination processes – Time table generation, OMR in entrance examinations only, student list generation, invigilators, squads, attendance sheet, etc.

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Sr. No.	Provisions	Answer
1	Time table generation,	Yes
2	OMR in entrance examinations	Yes
3	Student list generation	Yes
4	Invigilators	Yes
5	Squads	Yes
6	Attendance/Roll sheet,	Yes
7	Online payment gateway, etc.	No

- Examination process – Examination material management, logistics, etc.
- Yes, this is provided for.
 - Post-examination process –Attendance capture, OMR-based exam result, auto processing, generic result processing, certification, etc.

Sr.No.	Provisions	Answer
1	Attendance capture,	Yes
2	OMR-based exam result	Yes
3	Auto processing for Semester exams	Yes
4	Generic result processing	Yes
5	Certification	Yes

2.5.6 Has the university introduced any reforms in its Ph.D. evaluation process?

- After the implementation of the UGC Regulation -2009 for the Award of Ph.D./ D.Lit./ D.Sc. the following reforms have been introduced for the evaluation of research work:
 - a. Compulsory and open Viva Voce Examination
 - b. One Semester course work for PhD
 - c. Publication of at least one research paper in a refereed journal prior to the submission of PhD thesis.
 - d. Submission of soft copy/hard copy of PhD thesis for evaluation.
 - e. Submission of soft copy of PhD thesis to UGC Inflibnet for dissemination of research outcome.

2.5.7 Has the university created any provision for including the name of the college in the degree certificate?

- No.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations?

- The Controller of Examination is the designate authority to address all examination grievances.

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2.5.9 What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The following efforts have been made to streamline the Examinations:

- At PG level, there an internal evaluation process for 25% of marks.
- Practical examinations are conducted by involving external examiners.

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.1 Has the university articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

- No

2.6.2 Does the university have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?

- No

2.6.3 How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

The following strategies are adopted by the university to achieve intended learning outcomes:

- Teaching: Lecture, tutorial and practical component along with field work, unitization and creditization of courses, study tours, etc
- Learning: Class seminars, field reports, group discussion, role- playing,
- Assessment: Class tests and seminars, assignments etc.

2.6.4 How does the university collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?

The university collects and analyses data on student learning outcomes through:

- Class tests, seminars, assignments are organized and monitored for evaluation.

2.6.5 What are the new technologies deployed by the university in enhancing student learning and evaluation and how does it seek to meet fresh/ future challenges?

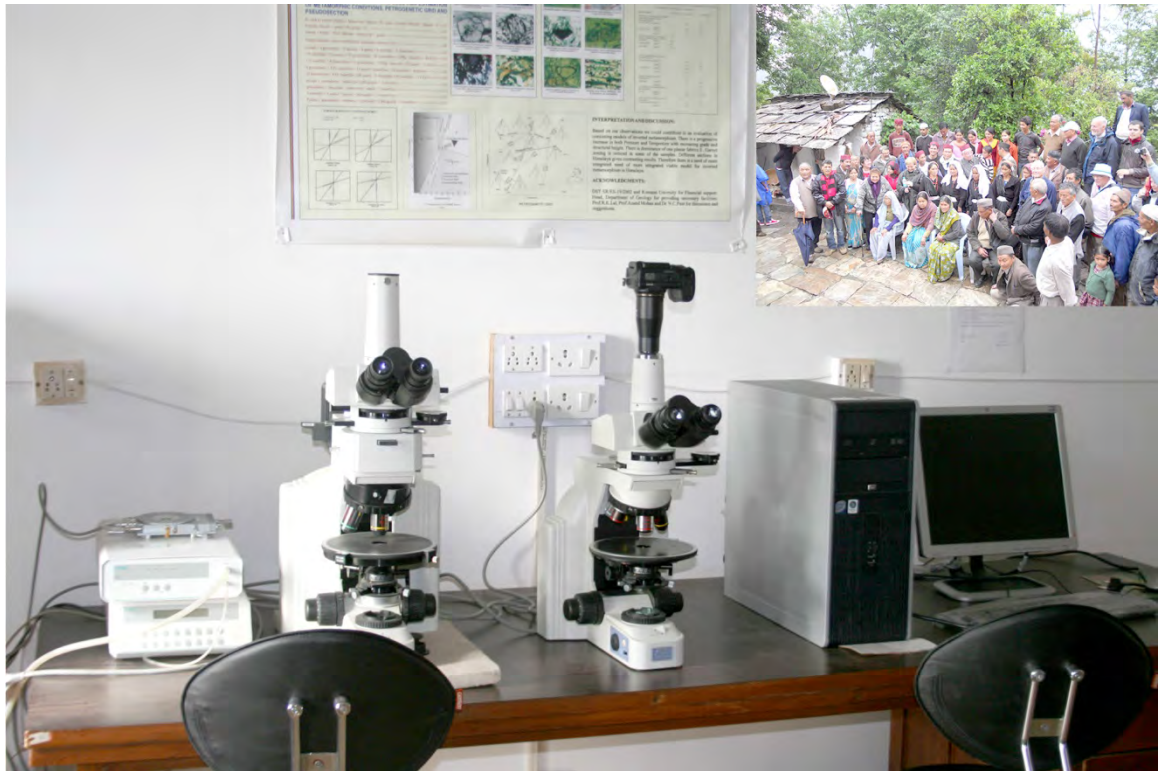
The university deploys the following new technologies:

- Access to e-resources for students and faculty in the Central Library and departments.
- Well-equipped laboratory facilities
- Smart class rooms in selected departments

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- Audio-Visual facility in some departments
- Computer laboratories in selected departments
- Partial computerization of examination department
- The university has plans to introduce the following technologies to meet fresh/future challenges relating to students' learning and evaluation:
- Technology enabled teaching through Smart Classroom across all departments
- Complete computerization of examination department
- Access to e-learning and open learning resources in hostels

Kumaun University



NAAC SELF-STUDY REPORT CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

2015

3.1 PROMOTION OF RESEARCH

3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

- The monitoring and addressing of issues related to research are accomplished through respective Boards of Studies and Faculty Boards and finally through the Academic Council.
- Research synopses for Ph.D., D.Litt. and D.Sc. are first vetted through respective Departmental Research Committees before recommendation to the respective Boards of Studies and Faculty Boards and are then finally approved by the Academic Council.

3.1.2 What is the policy of the university to promote research in its affiliated / constituent colleges?

- For promoting the research in affiliated/constituent colleges, the University has the following policies:
 - Faculty have the facility of Joint Supervisorship in Ph.D. programmes
 - Encouragement of teachers of affiliated colleges to join and Ph.D., D.Litt. and D.Sc. programmes.
 - Access to laboratory and library facility provided to the research scholars/teachers from affiliated colleges

3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/projects?

- **Advancing funds for sanctioned projects :**
 - Projects funds are released to PIs in advance to procure equipments, consumables etc., and to meet expenditure on contingencies. In case of delay in releasing of funds by the funding agencies, the University pays fellowships for project staff as and when urgent.
- **Simplification of procedures related to sanctions / purchases to be made by the investigators :**
 - The University has adopted a simplified procedure related to sanctions/ purchases of chemicals and equipments. All the purchase related with various projects/ schemes are decentralized and purchases done by Departmental Purchase Committees. Sanctioning power is given to Deans of Schools for the amount allocated to academic departments, thus speeding up the process. Supply orders for procurements of equipments, chemicals and other consumables are issued by the investigators themselves.
- **Autonomy to the principal investigator/coordinator for utilizing overhead charges:**
 - The 50% of the overhead/ institutional charges are made available to investigators for strengthening of laboratory in terms of furniture, computers, water facility, air conditioning of culture room and other essential items for conducting research mandated in the project.

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- **Timely release of grants :**
 - The University has developed a mechanism that ensures timely release of funds of projects sanctioned by various funding agencies. Grants are immediately released to the investigators upon receiving request for the release.
- **Submission of Utilization certificate to the funding authorities :**
 - Finance department of the University is maintaining and monitoring the accounts of all research projects/ schemes sanctioned to the staff. Finance Department also ensures timely submission of audited Utilization Certificates for every project as per requirement of funding agencies.

3.1.4 How is interdisciplinary research promoted?

- **Between/among** different departments of the University interdisciplinary research among different departments is being promoted in the following manners:
 - i. Ph.D. on inter-disciplinary aspects involving expertise from two or more departments is promoted.
 - ii. Planning and execution of interdisciplinary R&D projects involving project leaders, principal investigators, post-doctoral scholars/ RAs and students from two or more departments/schools.
 - iii. Opportunities for faculty to work with students of different disciplines and departments.
 - iv. Organizing interdisciplinary seminars/workshops by two or more departments/schools.
 - v. Publication of interdisciplinary university journal.
 - vi. Visit to various national/ international laboratories/ institutes by faculty members under different projects/ post-doctoral fellowships/ overseas schemes of Govt. of India.
 - vii. Provision of joint supervisorship from other universities/ institutes
- **Collaboration** with national/international institutes / industries :
 - The University has signed several Memorandums of Understanding (MoUs) with a view to foster research programmes:
 - Sinshu University, Japan
 - Aryabhatta Research Institute of Observational Sciences, Nainital
 - Defence Institute of Bio-Energy Research, Pithoragarh
 - Government of Uttarakhand, to develop the Department of Chemistry as State Testing Lab
 - Birbal Sahni Institute of Palaeobotany, Lucknow
 - Wadia Institute of Himalayan Geology, Dehradun
 - G.B. Pant Institute of Himalayan Environment and Development, Koshi-Katarmal, Almora
 - Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora
 - University of Montana (UM)
- The University has also established DELNET (Developing Library Network) at its SSI Campus, Almora. DELNET has emerged as the first major operational library network in South Asia having more than 1500 libraries as its members. DELNET

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maintains an online union catalogue of books and more than twenty other databases including National Bibliographical Databases. It offers access to more than Seventy Five Lakh bibliographic records of books, journals, articles, CDs etc. through online Union Catalogues and Databases. The other facilities available at DELNET include Inter Library Loan facility which allows a library to get the books on loan and also the photocopies of the Journal articles. The ILL services are one the most popular services of DELNET. DELNET databases are accessible through the World Wide Web.

3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus.

Workshops Organized	50
Training Programmes Conducted	20
Sensitization Programme Conducted	10

3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

- Researchers/ Scientists of eminence are invited to visit the University on different occasions with an objective to improve research and teaching activities of the **university**. The University provides free accommodation, travel expenses and laboratory facilities to such persons.

3.1.7 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

- No budget is earmarked for research

3.1.8 In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

- No.

3.1.9 Does the university encourage research by awarding Post-Doctoral Fellowships/ Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.

- No.

3.1.10 What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

- **Two** faculty members have utilized sabbatical leave for the pursuit of higher research.
 - i. Dr.Nand Gopal Sahu, Associate Professor, Chemistry (DSB Campus) has proceeded to Virginia Commonwealth University, USA under Bhaskar Advanced Research Fellowship of Indo-US Science and Technology

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Forum.

- ii. Dr. Mrinal K. Bera, Assistant Professor, Chemistry (SSJ Campus) has proceeded to Bengal Engineering and Science University, Shivpur as Faculty Recharge Programme Appointee.

3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

- National Conferences : 13
- International Conferences : 05

Year wise list of National and International Conference/Seminar organised by the University:

Year	National Seminar	International Seminar	Total
2010-11	04	01	05
2011-12	03	02	05
2012-13	02	01	03
2013-14	02	00	02
2014-15	02	01	03
TOTAL	13	05	18

3.2 Resource Mobilization for Research

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

- No such provision exists in the University.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

- No such provision exists in the University.

3.2.3 Provide the following details of ongoing research projects of faculty:

S. No.	Year	Name of the project	Funding Agency	Grant Received
UGC MAJOR RESEARCH PROJECTS				
1.	2011 to 14	Redox condition of felsic -----geodynamics	UGC	4.218
2.	2011 to 14	Study of Development and-----Craft of Uttarakhand	UGC	3.962
3.	2012 to 15	Studies on endophytic -----Kumaun Himalaya	UGC	8.818
4.	2012 to 15	Studies on Conservation of Ginkgo--- Medicinal	UGC	4.528
5.	2012 to 15	Bionomics Governance---- trail for better yield	UGC	5.568
6.	2012 to 16	Green Governance----- of Uttarakhand	UGC	4.903

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7.	2012 to 16	Culture Climate and --- Development Approach	UGC	6.048
8.	2012 to 14	Study of the Phase Structure-----Quark Gluon Plasma	UGC	9.983
9.	2012 to 16	<i>In-vitro</i> mass multiplication----Uttarakhand	UGC	8.618
10.	2010-14	'Application of Geohydroweather District Almora'	DST	9.000
11.	2014-16	'Conservation of the Musk Deer in Uttarakhand'	DST	5.143
12.	2013-15	Map of the Neighbourhood in Uttarakhand Pinder Valley'	DST	20.000
13.	2012-15	'Timing of Phonological Shifts Effected Central Himalaya'	DST	17.850
14.	2014-16	'Investigation on the Rate of Sigma Pyogenes' -	DST	7.000
15.	2003 onwards	'Seismic Network in Kumaun Himalaya' Ima	DST	71.4527
16.	2013-15	'Indo-Bulgarians Project' - Dr. Ramesh Chandra	DST	4.850
17.	2012-14	'Impact of Invasive Species Kumaun Himalaya'	DST	9.030
18.	2013-15	'High Resolution Climatic Garhwal Himalaya'	DST/SGRG	14.250
19.	2012-15	'Timing of Phenological Shifts and its Imact Kumaun Himalaya Shrubs'	DST/DSn	10.000
20.	2012-15	'Nurse Plants As Effective on Central Himalaya'	DST	9.560
21.	2013-16	'Proterozoic magic magmatism Geodynamics'	DST	12.330
22.	2013-16	'Redox Series Evaluation Geodynamics'	DST	19.710
23.	2012 to 14	Neogene Radiolarian ----- South ocean	U-COST	4.764
24.	2012 to 14	Impact of Climate Change----- Himalayan	U-COST	1.617
25.	2012 to 14	Assessment of antimicrobial -----Kumaun	U-COST	3.729
26.	2013 to 15	Genetic diversity-----Kumaun Region	U-COST	2.134
27.	2012 to 14	Restoration and Digitization----Uttarakhand	U-COST	4.335
28.	2012 to 14	Community Participation-----in Uttarakhand	U-COST	2.200
29.	2013 to 15	Magnetic Monopoles -----Algebra	U-COST	2.040
30.	2011 to 15	Extreme Climate in last ---in Uttarakhand	ISRO, Bangalore	12.600

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31.	2013 to 15	Study of the dynamical---Solar Atm	ISRO, Bangalore	12.600
32.	2013 to 15	A Critical study of -----Uttarakhand	ICSSR, New Delhi	2.000
33.	2011 to 14	Development of Ecotourism---Challenge	ICSSR, New Delhi	8.99775
34.	2014 to 16	The Role of Rural-----Home garden	ICSSR, New Delhi	2.800
35.	2014 to 16	Genetic transformation --Himalaya region	USBD, Dehradun	5.380
36.	2011 to 15	Macro and Micro propagation----plant of	USBD, Dehradun	7.000
37.	2012 to 15	Phytoremededation strategies -----species	MOEF, New Delhi	12.000
38.	2014 to 15	Assessment of Antimicrobial --Himalaya	DBT, New Delhi	3.834
TOTAL FOR MAJOR PROJECTS				354.85245
UGC MINOR RESEARCH PROJECT				
1	2012 to 14	Geochemistry of Hydrous-----Copperdeposits	UGC	1.275
2	2012 to 14	Carbon Sequestration-----Causes andmitigation	UGC	1.225
3	2014 to 15	Community Development-----of Uttarakhand	UGC	0.950
4	2012 to 14	Gender and Green Governance----of Uttarakhand	UGC	0.850
5	2012 to 14	परिवारनियोजनकार्यक्रम की भूमिका, अल्मोड़ाजिले के खत्याड़ीग्राम के सन्दर्भमें।	UGC	0.950
TOTAL FOR MINOR PROJECTS				5.250
GRAND TOTAL FOR PROJECTS				360.10245

3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Yes

SN	Name of the Department	Name of the Project and Funding Agency	Grant received in Lakh Rupees
1.	Department of Forestry, D.S.B. Campus Nainital	National Oil seed and Vegetable Oils Development Board (NOVOD) Gurgaon Haryana Project "National Network on Integrated Development of wild apricot & Cheura"	30.0
2.	Department of Forestry, D.S.B. Campus Nainital	Herbal Research & Development Institute (HRDI) Mandal Gopeshwar, Chamoli, Uttarakhand, Project" National Medical Plant Board"	15.0
TOTAL			45.0

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.2.5 How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

SL.	Department	Sanctioned Programme	Grant Sanction / Received in Lakh Rupees
1	Department of Botany, D.S.B. Campus Nainital.	UGC-SAP Programme	74.0
2	Department of Physics, D.S.B. Campus Nainital.	UGC-SAP Programme	42.0
3	Department of Geology, D.S.B. Campus Nainital.	UGC - CAS Programme	193.0
4	Department of Forestry, D.S.B. Campus Nainital.	Innovative Programme - UGC, (Climate Change)	92.0
5	Department of Geology, D.S.B. Campus Nainital.	DST- FIST-II, Programme	132.0
6	Department of Mathematics, D.S.B. Campus Nainital.	DST - FIST, Programme	25.0
7	Department of Biotechnology, Kumaun University Campus Bhimtal.	DST - FIST, Programme	41.0
8	Department of Biotechnology, Kumaun University Campus Bhimtal.	Departmental Developmental Grant Sanction of DBT New Delhi	106.72154
8	Department of Chemistry, DSB Campus Kumaun University	DST - FIST, Programme Sactioned	NA
		TOTAL GRANT	705.72154

- **Two significant outcomes/breakthroughs (Department of Geology):**
 - The absolute age of India and Asian Plate collision has been constrained.
 - Paleo-climatic condition during the last 50 ka has been established.
 - Continuous monitoring of seismic activities in Kumaun Himalaya.

3.2.6 List details of

a. Research projects completed and grants received during the last four years (funded by National/International agencies).

- No. of completed projects during last 4 years : 24
- Grant received during the last four years :
 - Running Projects Rs. 1110.82399 lakhs
- Research Projects Completed & Funded by National Agencies
 - Finished Projects Rs. 158.21178 lakhs

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b. Inter-institutional collaborative projects and grants received: Rs. 32.04 lakhs

Details of Projects with All India Collaboration

Year	Name of the project	Funding Agency	Grant received in Lakh Rupees
2013-16	'Proterozoic magmatic magmatism Geodynamics' in collaboration with IIT Roorkee, and University of Delhi	DST	12.330
2013-16	'Redox Series Evaluation Geodynamics' in collaboration with Nagaland University	DST	19.710
	Total		32.04

Research Projects with International Collaboration:

03

3.3 RESEARCH FACILITIES

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- Presence of a functional Directorate of Research and Extension
- This directorate re-formulated and re-constituted the research ordinance as per the UGC notification of 2009, and implemented with immediate effect.
- The entrance test for the Ph.D. admission was conducted and results were declared in record time. Successful candidates were counselled and admitted. Classes of common and core courses of various disciplines have already begun from 15 July 2010 in both the campuses.
- Directorate signed MoUs with many institutions in India and abroad.
- Although there are many sponsored research projects being implemented by various competent faculty, Directorate is also entrusted to promote the research activities in identified areas of science, commerce, arts, social science and humanities through internal and external co-operation.

3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

- Currently University does not have the above centre formally; however Central Library of the university is functioning as Information Resource Centre and catering to the needs of researchers by extending computational services, internet connectivity, e-resources, etc.

3.3.3 Does the university have a University Science Instrumentation Centre (USIC)?

If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

- No.

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3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

- **Yes.** University has separate girls' and boys' hostels for research scholars

3.3.5 Does the university have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?

- **No.** However, Departments are having their own specialised research facilities with required equipment and software.

3.3.6 Does the university have centres of national and international recognition/repute?

Give a brief description of how these facilities are made use of by researchers from other laboratories.

- Physics and Geology have been identified under DRS, DSA and COSIST of UGC
- Geology, Botany, Physics, Forestry & Chemistry have been identified under DST-FIST
- The NRDMS Centre in Department of Geography, Almora Campus developed under DST-FIST.
- In the area of language and literature research, an independent Chair, the Mahadevi Verma Peeth, fully funded by the State Government, has been instituted.

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

- Various departments of the University are publishing research journals in different themes and subjects.
- Number of papers published in peer reviewed journals (national/ international):- **Approximately 2450**

3.4.2 Give details of publications by the faculty :

- Total number of papers published in peer reviewed journals (national/international) by faculty members of different department of University are approximately 2450.

3.4.3 Give details of faculty serving on the editorial boards of national and international journals

- Approximately 50 Faculty members of the university are in the editorial boards of national and international journals.

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3.4.4 Provide details of research awards received by the faculty and students

- **Faculty :**
 - Fulbright International Fellowship, U.S.A.
 - Humbolt Fellowship, Germany
 - Lead Fellowship, Lead International, U.S.A.
 - Fellowship of Indian Institute of Advanced Studies, Shimla.
 - External Scholarship, Ministry of HRD, Govt. of India
 - Teacher Fellowship of the ICHR, New Delhi.
 - INSA-JSPS Senior Scientist Fellowships
 - Nehru Fellowship, New Delhi.
 - Senior Fellowships of ICSSR, New Delhi.
 - DAAD Fellowship, Germany.
- **Students:** **Data will be updated**
- **National recognition :**
- **International recognition :**

3.4.5 Indicate the average number of successful Ph.D., D.Litt. and D.Sc. scholars guided per faculty during the last four years. Does the university participate in *Shodhganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

- The average number of successful Ph.D. scholars guided per faculty during last four years works out be two.
- The University follows the practice of submitting a soft copy every Ph.D./D.Litt./D.Sc. thesis to UGC- INFLIBNET is followed.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

- Departmental Research Committees, Boards of Studies and Faculty Boards are mandated to check malpractices and plagiarism in research. So far, the University has not received any report of plagiarism.

3.4.7 Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?

- **Yes.** Data not maintained.

3.4.8 Has the university instituted any research awards? If yes, list the awards.

- **Not yet.**

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

- **No** incentives are given.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.5 CONSULTANCY

3.5.1 What is the official policy of the university for structured consultancy? List a few important consultancies undertaken by the university during the last four years.

- The University is yet to evolve a policy for structured consultancy.
- Still, the university is providing consultancy in both formal and informal means to several government and non-government agencies. Some case are given below:
- Preservation and aeration of Lakes to Lake Area Development Authority, Nainital.
- NRDMS to Local Administration
- Traffic Management System in the town by Academic Staff College, Kumaun University.
- Further, faculty Members are allowed to offer the consultancy services to Industry and other organizations on individual basis.

3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?

- No such cell has yet been established.

3.5.3 What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

- University website, newspapers are the channel of publicizing the expertise of the university consultancy.
- Consultancy has been sought by various agencies from the Departments of Forestry and Environmental Sciences, Geology, Zoology, Academic Staff College, Sociology, etc.

3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?

- Rules exist in the University to facilitate consultancy by faculty members.

3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

- The broad areas include Natural Resource Management, Lake Restoration, Traffic Management, Seismology, Landslide and Hazard Zonation, and so on.
- **Revenue generated:** Presently consultancy is provided by the faculty without any charge.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

- University takes steps towards integrating social responsibility principles and concepts in curriculum, and works as a catalyst for activities that encourage students and faculty to exhibit socially responsible behaviour through membership of and participation of students in NCC and NSS programmes.

3.6.2 How does the university promote university-neighbourhood network and student engagement, contributing to the holistic development of students and sustained community development?

- Extension and community works are carried out by University through NSS and NCC.

3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

- The university also has set up NSS Unit which is gearing to take up several extension/social activities.
- The university also observes World Environment Day, Earth Day, World AIDS Awareness Day, World Disability day, etc. and ensures participation of students and university fraternity along with the community of nearby areas.

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

- No such practice is carried out.

3.6.5 Does the university have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

- No such mechanism exists in the University.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement student's academic learning experience? Specify the values inculcated and skills learnt.

- The participation in extension activities inculcates the following skills in students which in turn help in the learning process :
 - Ragging free campus, tobacco-free campus, strong community bonding, and

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

absence of eve teasing /harassment of women.

- Communication skills, Problem solving skills, team-building and interpersonal skills, leadership skills, decision-making skills, and counselling skills for social problems.

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

- The University has set-up a Department of Extension Education and Rural Development which is presently responsible for organizing community outreach programmes.
- The University has set-up NSS for organizing extension activities.
- The University is contemplating to have a Community College for speeding up community outreach programmes.
-

3.6.8 Give details of awards received by the institution for extension activities and/ contributions to social/community development during the last four years.

- The university has not received any award at the institutional level so far.

3.7 COLLABORATION

3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

- The MoUs for collaboration have been signed with the national and international institutions for promoting research.

3.7.2 Mention specific examples of how these linkages promote

- Research: It is promoting Collaborative research between Kumaun University and collaborative institution.

3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

- Kumaun University joined the top notch league of "Obama-Singh 21st Century Knowledge Initiative" for institutional partnership projects in research and

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

educational activities in science and technology between India and the US in second week of June 2012. The objectives of the project were to give Native American and Indigenous students from India exposure to STEM research in the field through studies on climate change impacts in the Garhwal Himalaya, develop capacity for STEM research at KU and provide two-way cultural exchange between Native American and Indian students. The collaboration between University of Montana (UM) and Kumaun University (KU) has been further cemented in early August 2014 when the two universities signed a 5 year MOU outlining future research and educational projects, which is based on the fruitful research collaboration going on between KU and UM on the Obama-Singh 21st Century Knowledge grant. The proposed research agenda under the umbrella of National Science Foundation, USA is focused on mountain-society interactions, biodiversity, sustainable socio-economic development, climate change studies and Indigenous perspectives. The project has involved faculties from Geography, Chemistry and Zoology from both universities to solidify their collaboration. Another important collaborative international project “Landscape Asia-Transformation processes, Identity changes and socio-economic dynamics” which is part of five Asian nations (India, Laos, Nepal, Vietnam and China) has been signed in December 2013 between Department of Geography, Kumaun University Nainital and University of Paris for the period from 2014 to 2017 under the funding support from Ministry of Research, Paris France. Space geodesy and field geology based investigations are being conducted to monitor ongoing surface deformations in Uttarakhand Himalaya and adjoining Ganga Plain, funded by the DST, Govt. of India and MoST, Govt. of Taiwan, under the prestigious Indo-Taiwan S&T Cooperation Programme. Problem of sequential growth of the Ladakh magmatic arc and tectonic evolution of the Shyok Suture Zone of the Nubra valley (northern Ladakh) is being studied in collaboration with Department of Earth and Planetary Sciences, MIT - Massachusetts Institute of Technology, USA and the study of timing of the India-Asia collision and tectonic evolution of pre-syn collision sedimentary basins in Ladakh is underway in collaboration with Department of Geology, Trinity College, Dublin, Ireland. On cave researches for high resolution climatic changes in Central Himalaya research works are being carried out in collaboration with Heidelberg Academy of Sciences, Heidelberg, Germany (Prof. A. Mangini), Department of Geography, University of Georgia, USA (Prof. George Brook and Prof. G. Railsback) , School of Earth Sciences, Queensland University, Australia (Prof. Jian-Xin Zhao and Prof. K. D. Collerson) and Key Laboratory of Cenozoic Geology, Chinese Academy of Sciences, Beijing, China (Prof. Ming Tan). Different Science Departments are funded under CAS, FIST and other funding agencies of the country.

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- Kumaun University is starting a Department of Cancer Biology in collaboration with Roswell Park Cancer Institute (RPCI), Buffalo, NY, USA. Under the aegis of Academic and Research domains, 'M.Sc. in Cancer Biology', and 'Ph.D. in Cancer Biology' programs are proposed to be started. Kumaun University is in the process of signing MOU with RPCI, Buffalo, USA for collaboration in abovementioned programs. Curricula for these programs is being designed in supervision of experts from RPCI, NY, USA and other Cancer research institutes of national and international reputation. RPCI is one of the premiere Cancer Research Institutes and comprehensive cancer care hospital in the United States of America, also known for pioneering various cancer treatments, including cancer Chemotherapy, photodynamic therapy (PDT) and Prostate specific antigen (PSA) test for diagnosis.
- Kumaun University has already signed an MOU with Uttarakhand Medical University for collaboration in Clinical and Molecular Cancer research. We are also collaborating with other hospitals in the region for Cancer research. These collaborations along with academic exchange would facilitate availability of clinical tumour samples and simultaneous studies of Cancer cases by clinical and molecular means, by the clinicians and researchers simultaneously, on pattern of most of well-established Comprehensive Cancer Care Centres of the world.
- Additionally, our faculty members are collaborating in various domain of cancer science applications with Nanyang Technological University, Singapore (Collaboration for: Nanotechnology), Dept. of Chemistry- University of Delhi (Collaboration for: Medicinal Chemistry), Institute of Pathology (ICMR), Delhi (Collaboration for: Cancer proteomics), Gujarat Cancer Research Institute (GCRI) Ahmadabad (Collaboration for: Cancer Cytogenetics etc., and Academic collaboration), Cancer Hospital Haldwani (UK) (Collaboration for: Clinical Cancer research), Dept. of Physics-Univ. of Rajasthan (Collaboration for: Nanotechnology) and RR Cancer Institute and Research Centre Bareilly (UP) (Collaboration for: Clinical Cancer research).
- Yes, the University has signed several Memorandums of Understanding (MoUs) with a view to foster research programmes:
 - Sinshu University, Japan
 - Aryabhata Research Institute of Observational Sciences, Nainital
 - Defence Institute of Bio-Energy Research, Pithoragarh
 - Government of Uttarakhand, to develop the Department of Chemistry as State Testing Lab

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- Wadia Institute of Himalayan Geology, Dehradun
- G.B. Pant Institute of Himalayan Environment and Development, Koshi-Katarmal, Almora
- Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora
- University of Montana (UM).

3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

- No such facility/ laboratory have been established.

Kumaun University



NAAC SELF-STUDY REPORT CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

2015

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- Planning for adequate physical infrastructure is made on five year plan basis, the new courses to be introduced as per the requirement of the job market. Proposal for construction of required physical infrastructure is submitted to the University Grants Commission and the building projects are executed upon receiving approval and funds from the Commission.
- The centralized facilities are created at the campus level and shared by the various departments.
- The University regularly monitors requirement, availability, and optimum utilization of physical infrastructure through various committees.

4.1.2 Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

- Yes, the creation and enhancement of infrastructure is done through 5-Year Plans. Some recent initiatives are as follows:
- Proposals for solar energy facility to the hostels
- Recent procurement of books and journals with recent editions based on the feedback from the users.
- Construction of 1000 seated auditorium with multimedia facility including the flexibility to convert the same in to the theatre.
- The state government based on the biodiversity and greenery declared the campus as the green campus.

4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

- The paucity of the funds ,the research activities are confined to the post graduate departments, being the state university there are no funds at university level however the teachers /researchers generate a corpus fund of rupees 2 crore approximately from various central agencies viz., DST, DBT, MoES, MoEF, UGC,CSIR,ICHR,DRDO,ISRO and state funding agencies like UCOST.

4.1.4 Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

- Yes. Up to the best extent

4.1.5 How does the university ensure that the infrastructure facilities are disabled-friendly?

- The geographical conditions do not permit to strengthen such facilities ,but the differently able students are provided with the complete assistance in examinations and their mobility

CONCERN FOR GREEN CAMPUS



CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1.6 How does the university cater to the requirements of residential students? Give details of

- Capacity of the hostels and occupancy (to be given separately for men and women) though it needed to mention that the construction in the vicinity of Nainital is restricted and we can't exceed the height of 35 feet in the construction. The alternative arrangements for the students are in the future plans of the university.
 - Girls Hostel (08) with total capacity of 440 students - 100% Occupancy
 - Boys Hostel (04) with total capacity of 330 students - 100% Occupancy
 - In addition to above, 01 Hostel (for 60 girls students) at SSJ Campus, Almora is likely to be completed and two hostels one at Nainital and one at Almora each worth Rs.50.00 lakh are to be constructed during XI Plan period from University Grants Commission's assistance.
- Recreational facilities in hostel/s like gymnasium, yoga centre, etc. –
 - Common lounge, provided with television, board games and newspapers/magazines. Centralised facilities for basketball, volleyball, badminton, table tennis and gymnasium equipments are made available.
- Broadband connectivity / Wi-Fi facility in hostels – At few places.

4.1.7 Does the university offer medical facilities for its students and teaching and non-teaching staff living on campus?

- Yes, a small dispensary is in the campus for the basic need and first aid. The centre is run by a Pharmacist.
- The State Government has sanctioned a Health Centre to the University with one part-time Doctor, one full time Pharmacist and one full-time ward-boy.

4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

- A Sports Department headed by a sports Officer and Sports Assistants and few coaches on consultancy basis to facilitate students' interests in sports.
- One campus is having a very good sports ground
- Dean of Students Welfare and the Students Union organize many sports and cultural programs at inter collegiate and inter university level.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.2 LIBRARY AS A LEARNING RESOURCE

4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

- Yes, the Central Library has library committee whose composition is given below:
 - Professor in Charge, Central Library- Chairman
 - Deans of All Faculties
 - Dean Students Welfare – from both the campuses
 - Finance Officer
 - Registrar
 - Librarian – Member Secretary
 - Assistant Librarian (each one from both the campuses) - Member
 - Information Scientist - Member
- The Committee takes decisions for the development of the Library under various aspects viz., Library Automation, implementation of RFID & Electromagnetic technologies, etc.
 - The following significant initiatives have been taken by the committee to render the library services student / user friendly.
 - Inter-Library loan services for books and journal among Central Library and Campus Libraries.
 - To extend the UGC-INFONET services to the Campus libraries.
 - The Library Committee has recommended the basic amenities at Central Library building such as wash room and drinking water for library users and faculty members of the campuses.
- Standing Committee for Book Selection. Composition of the members is as follow:
 - All Deans, with the senior-most Dean as Chairman and Librarian as member secretary.
 - The Committee scrutinizes and approves recommended books for procurement, and also imparts advice to academic departments regarding proposal for books to be procured.

4.2.2 Provide details of the following:

Parameters	Central Library	DSB Campus	SSJ Campus
• Total area of the library (in m ²)	57 m ² covered area	34 m ² covered area	1277 m ² total area
• Total seating capacity	60	120	60
• Working hours	10 am to 5 pm all working days	10 am to 4 pm all working days except during vacations	10 am to 4 pm all working days including vacations
• Layout of the library			
○ Individual reading carrels	NA	NA	NA
○ Lounge area for browsing and relaxed reading	One big reading Hall	Common reading Hall	Common reading Hall

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○ IT Zone	One Information Centre with 25 computers for browsing and online access to e-journals.	Internet can be access within the WLAN area.	Internet room is available
• Clear and prominent display of floor plan;	NA	NA	NA
• adequate sign boards	Adequate sign boards are kept in the stock areas and in all the rooms.	Sections have appropriate signboards	Adequate sign boards are used
• fire alarm	05 fire extinguisher kits are kept inside the library covering all the Library area.	NA	Fire extinguisher is installed at the reading room gate
• access to differently-abled users	NA	NA	NA
• mode of access to collection	The collection of library can be accessed through OPAC	Library has a guide card access. The upgradation of library to OPAC is under progress.	The collection of library can be accessed through OPAC

4.2.3 Give details of the library holdings :

a) Print

Item	Numbers		
	Central Library	DSB Campus	SSJ Campus
Books	66,251	80,000	203143 incl. departmental libraries
Journals	100	NA	29
Back volumes	280	NA	NA
Theses	5,600	NA	286

b) Average number of books added during the last three years

Year	Number of books added		
	Central Library	DSB Campus	SSJ Campus
2009-10	1714	NA	
2010-11	109	1973	
2011-12	NIL	1850	
2012-13,2013-14	2206	5063	

Item	Numbers		
	Central Library	DSB Campus	SSJ Campus
c) Non-print (Microfiche, AV)	CD ROMs - 200	NA	CD ROMs - 150
d) Electronic (e-books, e-journals)	Subscribed - EBSCO, CMIE, Datanet.	NA	EBSCO Business Source Elite Database

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e) Special collections	Text books: 18000 Reference books: 48000 Standards: Nil Patents: Nil	NA	250 books on Uttarakhand
f) Book banks	Nil	81,194	12,841
g) Question banks	Nil	Available since 2013	NA

4.2.4 What tools does the library deploy to provide access to the collection?

- OPAC (Online Public Access Catalogue)
 - At the Central Library access to Library collection is provided to the user through Web OPAC which is deployed throughout the campus Local Area Network (intranet).
 - At AD Pant Library of SSJ Campus the OPAC has also been deployed.
- Electronic Resource Management package for e-journals:
 - Yet to be introduced at all the three libraries.
- Federated searching tools to search articles in multiple databases:
 - Yet to be introduced at all the three libraries.
- Library Website :
 - No website is available for all the three libraries.
- In-house/remote access to e-publications :
 - E-proxy is used to provide access to e-publications at the Central Library and AD Pant Library at SSJ Campus.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to

- Library automation
 - The Central Library is fully automated by using Alice for Windows software and the books are being circulated by scanning bar-coded ID cards.
 - Automation of DSB Campus Library is ongoing.
 - At AD Pant Library of SSJ Campus the OPAC has also been deployed.
- Total number of computers for general access
 - Central Library is equipped with 30 Computers for users, while DSB Campus Library has 11 computers and SSJ Campus Library has 12 computers.
- Total number of printers for general access
 - Central Library is equipped with 03 printers for general access, while DSB Campus Library and SSJ Campus Library have 01 printer each.
- Internet band width speed 2 mbps 10 mbps gbps
 - Central Library is having 1 gbps internet connectivity, while DSB Campus Library has a connectivity of 100 mbps and SSJ Campus Library has 4 mbps connectivity.

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- Institutional Repository
 - Not yet implemented at Central Library and SSJ Campus library. However, at DSB Campus library the institutional repository is being prepared in Dspace software. Initially question papers and syllabus for the students is being uploaded.
- Content management system for e-learning: Not yet implemented.
- Participation in resource sharing networks / consortia (like INFLIBNET)
 - Central Library is a Member of
 - INFLIBNET
 - UGC-Infonet
 - SSJ Campus Library is a Member of
 - DELNET

4.2.6 Provide details (per month) with regard to

Parameters	Central Library	DSB Campus	SSJ Campus
• Average number of walk-ins:	490	818 per month	600 per month
• Average number of books issued / returned			
○ Issued	771	2029 per month	1500 p.m.
○ Returned	771	1168 per month	1200 p.m.
• Ratio of library books to students enrolled:	1:130	26.35 : 1 (81194:3082)	65:1
• Average number of books added during the last four years:	84 per month	185 per month 2222 per year	298 per month 3573 per year
• Average number of login to OPAC:	200	NA	NA
• Average number of login to e-resources:	52	NA	NA
• Average number of e-resources downloaded / printed:	125	NA	NA
• Number of IT (Information Technology) literacy trainings organized:	Once in six months	One in 2012	NA

4.2.7 Give details of specialized services provided by the library with regard to

1. CENTRAL LIBRARY

- **Manuscripts**
 - A copy of Ph.D/D.Litt thesis are available in the central library, the collections are available in central library for students and faculty use.
- **Reference**
 - A separate reference sections is available in the central library. The reference books, journals back volumes, hand books, dictionaries, competitive exam guides and pervious year question papers and theses are available in the reference section.

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- **Reprography/Scanning**
 - Photocopying machine is available in the central library and copies are provided at nominal cost for the students.
 - Scanning machine is also available, the important materials from library will be scanned and it will be distributed to the users based on their requests.
 - **Inter-library Loan Service** NA
 - **Information Deployment and Notification:**
 - Through University Website
 - **OPACS**
 - The online public access catalogue is available within the Central Library building. This is created by Alice for Window software and accessible within Central Library building.
 - **Internet Access**
 - The central Library has an Information Centre with 25 computers with internet leased line connection. The faculty member, Students and administrative staff and PG students can access internet in this centre. Faculty and students are permitted to bring their laptops and access internet through Wi-Fi system.
 - **Downloads**
 - The Information Centre provides the down loading facilities. Students can download information from e-journal provided by UGC-INFONET and e-books.
 - **Printouts**
 - The Information Centre has Three printers for taking print outs required by faculty and students.
 - **Reading list/ Bibliography compilation** NA
 - **In-house/remote access to e-resources** NA
 - **User Orientation** NA
 - **Assistance in searching Databases**
 - Personal assistance is given to staff and students in searching the databases.
 - **INFLIBNET/IUC facilities**
 - The central library is the member of INFLIBNET. Through INFLIBNET the soft copy of the thesis are uploaded in www.shodhganga.inflibnet.ac.in.
- 2. DSB CAMPUS LIBRARY**
- **Manuscripts:** NA
 - **Reference:**
 - Online articles which are available in central library of KU Nainital is provided to our faculty members
 - **Reprography/Scanning**
 - One room is allotted to Reprographic Section on outsource basis. They are providing photo copy, scanning, lamination, typing, and competition forms facilities to our students and faculty members.
 - **Inter-library Loan Service**
 - DSB Campus Library has done an agreement with the Central Library, Kumaun University, Nainital for Inter Library Loan Services. Initially we are providing Journals available at our Central Library to our users as per demand.
 - **Information Deployment and Notification**
 - We have a notice board through which we tagged the information regarding circulation of books and other notification

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- **OPACS:** NA
 - **Internet Access**
 - We have 100 Mbps bandwidth internet connection of BSNL in our library. Users can access internet facility in our internet section with in the LAN.
 - **Downloads**
 - Users can download through our computers in the internet section.
 - **Printouts**
 - Printout facility is available at our Reprographic Section.
 - **Reading list/bibliography compilation**
 - We have a guide card in our text book section for our users.
 - **In-house/remote access to e-resources**
 - Since we have not any database, users can access open access journals and can send demand about their article to us.
 - **User Orientation**
 - Orientation Programme is done usually in August-September, when admissions are open.
 - **Assistance in searching Databases:** NA
 - **INFLIBNET/IUC facilities:** NA
- 3. SSJ CAMPUS LIBRARY**
- **Manuscript:** NA
 - **Reference**
 - The Library has a reference section with approximately 15,000 books, including Encyclopaedia, Dictionaries, Handbooks, etc. catering to various disciplines being taught in the campus as well as other related fields.
 - **Reprographic/Scanning:** YES
 - **Inter Library Loan Service:**
 - Yes, Through DELNET.
 - **Information Development and Notification:**
 - The library staff intimates the campus community with relevant updates like book acquisition.
 - **OPAC**
 - The Library is equipped with OPAC, which allows faculty and students to access catalogue.
 - **Internet Access:**
 - The library is providing internet services to its users.
 - **Downloads:**
 - Full text articles from e-journals, e-books can be downloaded.
 - **Printouts:**
 - Yes, provided on payment basis
 - **Reading list/Bibliography compilation:** NA
 - **In house/remote access to e-resources:**
 - The library has IP authenticated access to e-journals
 - **User Orientation**
 - The library professional has provided demonstration cum practice lectures in select refresher/orientation and at M.Ed and Pre-Ph.D courses organized in the campus.
 - **Inflibnet/ IUC facilities:** NA

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.2.8 Details of the annual library budget and the amount spent for purchasing new books and journals.

i. CENTRAL LIBRARY BUDGETARY DETAILS

Year	2009-10	2010-11	2011-12	2012-13
UGC	4.50 lakh	Nil	Nil	21 lakh
Books (Amount in Rs.)	Nil	Nil	Nil	1969546
Journals (Amount in Rs.)	428481	Nil	Nil	04 lakh online journal
State Grant	2.50 lakh	5.50 lakh	5.50 lakh	5.50 lakhs
Books (Amount in Rs.)	174209	47913	Nil	Nil
Journals (Amount in Rs.)	75791	492673	508878	463124

ii. DSB CAMPUS LIBRARY BUDGETARY DETAILS

- Annual Library Budget of 2013-14 Rs. 5 Lakh
- New Books Purchase Rs. 4.25 Lakh
- Magazines, Competition Books, etc. purchase (For Hostels) Rs. 0.75 Lakh

iii. SSJ CAMPUS LIBRARY BUDGETARY DETAILS

Financial Year	Total Budget	On Books	On Journals	Total Expenditure
2009-10	3,75,000	1,51,331	2,12,985	364,316
2010-11	15,00,000	14,25,484	49,958	14,75,442
2011-12	9,00,000	8,51,808	43,343	8,95,151
2012-13	25,60,000	24,64,455	44,564	25,09,019

4.2.9 What initiatives has the university taken to make the library a 'happening place' on campus?

i. AT CENTRAL LIBRARY

- The barcode is used for library circulation.
- All activities of the Central Library are automated.
- Access to all latest academic information is provided.
- Journals are available with photo copying facilities for students.
- Magazines are available for faculty and staff to enrich their knowledge.
- Newspapers are available to students and staff for developing their general knowledge.

ii. AT DSB CAMPUS LIBRARY

- Permission for Reprographic Section
- Permission for Institutional Repository
- Grants for Computer Purchase
- Extension of Stack Hall and other renovation work of library
- Fund for Library Automation
- RO Water System

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iii. AT SSJ CAMPUS LIBRARY

- The library has developed a computerized database of library documents and users. The library has separate reading room. User can access all type of latest competitive books and periodicals

4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

- **At Central Library**
 - The feedbacks are received through the e-mail to the librarian and after taking action on improvement of the library services the action taken reply is given through e-mail.
- **At DSB Campus Library**
 - Student Feedback Register has been maintained by our staff; along with we have also maintained a register which kept information about most demanded reference sources. We also take suggestions from our users in the form of questionnaire. According to it our staff members analyzed the view of our users and implement new services.
- **At SSJ Campus Library**
 - NA

4.2.11 List the efforts made towards the infrastructural development of the library in the last four years.

i. At Central Library

- A separate Information Centre with 25 computers is updated and is available to access online materials.
- User accounts, thesis, IPR, reference materials, back volumes and library materials can also be accessed in the Information Centre.
- A separate collection on Uttarakhand/ Himalaya has been developed.
- The following information services are provided to the users.
 - Reference services.
 - Online access of e-journals (EBSCO).
 - Question papers through online access.
 - E-newspapers.
 - Reference materials online access.
 - User training programmes.
- The following library services are computerized.
 - Online catalogue (OPAC)
 - Circulation systems with barcode
 - Back volume access
 - User accounts
 - Book list (subject wise) etc.

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ii. At DSB Campus Library

- Permission for Reprographic Section
- Permission for Institutional Repository
- Grants for Computer Purchase
- Extension of Stack Hall and other renovation work of library
- Fund for Library Automation
- RO Water System

iii. At SSJ Campus Library

- Implementation of library Software (TLSS) and OPAC
- Submission of proposal for enrichment of Human Resource for the library to State government.
- Submission of proposal for extension of library building to UGC through university.
- Preparation and submission of library infrastructure for 12th plan period.

4.3 IT INFRASTRUCTURE

4.3.1 Does the university have a comprehensive IT policy with regard to

- IT Service Management, Information Security, Network Security, Risk Management, Software Management, Open Source Resource, Green Computing.

Kumaun University is having well equipped teaching and learning resources in the form of approximate 4000 e-journals provided by UGC Inlibnet under UGC Infonet programme along with OPAC and EBSCO database. Members of the University rely on technology in multiple aspects of their work, teaching, research, study and other activities. In doing so, they use electronic systems, networks and devices that the University owns, provides and administers. IT policy of the University has set out guidelines and processes that apply when the users seek access to electronic information. Under this policy, the University does not routinely monitor the content of information transmitted through or stored in University information system. The University obtains access to user electronic information in some circumstances, but only for a legitimate institutional purpose.

The salient features of IT policy with regard to IT service management ensure that IT service delivery is consistently applied for all stakeholders. The Librarian and Information Officers of the University are responsible for implementing systems and specifications to facilitate easy access to all users. It is also ensured that all users make responsible use of computers and data available in the Central Library and Campus Libraries.

This policy applies to members of the University community and officials (students, research scholars or those who have contractual or other relationships with the University). Authorization in this context means to grant permission to an identified individual to use a computer or data resource. Acceptance of authorization to use Kumaun University Computer and data resources establish an obligation on the part of the individual to use those resources responsibly. Computer and data resources include computers and computing devices, computing application and data base access; software, hardware, e-mail services and associated computing accounts. Computers and computing devices include, but are not limited to desktops or laptops, iPads, USB flash memory devices or

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other similar devices.

The policy does not form a contract of any kind, including among others, a contract of any type. The University reserves the right to modify this policy.

Policy requirements may be summarized as under:

- i. behave in accordance with Kumaun University's educational, research purposes;
- ii. not use the account for any commercial purposes;
- iii. take responsive steps to ensure that any computer used to access the resources, is secure and virus-free;
- iv. protect the confidentiality, security, integrity and recoverability of all computer and data resources and take reasonable and appropriate steps to guard these resources from improper or unauthorized use;
- v. refrain from activities that are unethical;
- vi. refrain from activities that interfere with the ability of others to use computer and data resources;

This obligation applies regardless of:

- i. where the computer used to access computer data is located in the central library or at any other places connected with OFC;
- ii. the form or manner in which systematic data are stored or transmitted, including, but not limited to, local file, stored file, file on removable media such as CD-ROM disk, pen drives, fax, printer, network, phone, e-mail or voice mail.;
- iii. Violators of this policy may be object to disciplinary action as per University rules and regulations, in the case of students, suspension or other actions as per prevailing laws of the University.

To ensure information security, responsibilities shall lie on:

- i. Director ICT,
- ii. Librarian, Central Library,
- iii. Information Officer, Central Library
- iv. Deans of different faculties,
- v. Head of Departments and
- vi. Registrar.

They ensure strict compliance of Cyber Laws of the country. Information security principles prevalent worldwide in the country shall be followed.

Efforts are taken to adhere with the policies of FOSS initiative cell, Department of Electronics and Information Technology of the Government of India. Information security policies have been designed in such a manner that the security and well-being of information resources is under-pinned. Proper attention is given to following domains:

- **Confidentiality:** Protecting information from unauthorized disclosure;
- **Integrity:** Protecting information from unauthorized notification;
- **Availability:** Ensuring information is available, when required;
- Data loss prevention:
 - **Causes and solutions being used may be-**
 - Natural disasters - Back up facility on external HDD / USB Drive/

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DVD;

- Viruses – Anti-viruses and Firewalls on system;
- Human errors- copy of data;
- Software malfunction used will mean only for its intended purpose;
- Hardware & operating system malfunction – Use of UPS, running scandisk / other disk checker on every reboot;

Policies for General Users:

- **Using CD's/ Pen drives etc. : In consultation with Information Officer**
- **Password and Access Policy:**
 - To keep the system screen saver enabled with password protection
 - Not to disclose passwords to unauthorised persons
 - Use strong password of at least eight characters having a mix of random uppercase and lowercase alphabets, digits and special characters.
 - Access to operating system software is to be restricted to those persons who are authorized to perform system administration/management functions. Such access is operated under dual control.
- **Security Policy for networks:** consists of following components:
 - Managing the network by suitably qualified staff
 - Remote access to network
 - Defending network information from malicious attack.
 - "Operating systems are regularly monitored and all required 'housekeeping' routines adhered to."
- **Security Policy for Cyber Crime**
 - The information security team members attend workshops whenever such opportunities come.
- **Following steps are taken to ensure Green Campus:**
 - To develop a sustainable green campus plan.
 - The practices and policies covered under this head include reduction of paper consumption as well as recommendations for new equipment only when recycling of old machines are not possible.
 - Recycle. Discard used or unwanted electronic equipment in a convenient and environmentally responsible manner.
 - Make environmentally sound purchase decisions.
 - Soundproof Gensets and solar energy lights are preferred.

4.3.2 Give details of the university's computing facilities i.e. hardware and software:

- Number of systems with individual configurations :
 - Approximately 500 Desktop Computers Computer-student ratio : 1: 40
 - Dedicated computing facilities :
 - LAN facility: University Central library and Administrative block.
 - SPSS 16
 - GIS and Remote Sensing software
 - MATLAB
 - MATHEMATICA
 - Misc (Adobe, MS-Office, Windows server etc)
- Number of nodes/ computers with internet facility : 250
- Any other (please specify) : All University Officers / Heads/ Deans/

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Directors have been provided official as well as personal email IDs for facilitating paperless communications (both inter- and intra-office) in the pursuit of Green Office Concept. All permanent faculty members have been also provided with a personal email ID bearing the university domain.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Institutional Plan :
 - Extension of Campus network to students' hostels and faculty quarters.
 - Setting up of Wi-Fi Hotspots for Internet Services.
 - Automation of the administrative departments.
 - Plan to set up web server and e-mail server.

4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/ packages provided to the staff and students for quality teaching, learning and research.

- The University has access to approximately 4000 e-journals provided by UGC-Inflibnet. A few titles from this vast list of accessible e-journals are given below:

- American Chemical Society
- American Institute of Physics
- American Physical Society
- Annual Reviews
- Cambridge University Press
- Economic & Political Weekly
- Institute of Physics
- ISID
- JCCC
- JSTOR
- Oxford University Press
- Royal Society of Chemistry
- Springer Link
- Taylor & Francis

4.3.5 How does the university address issues such as authenticity and copyright with regard to online resources that lie outside the university?

- The University addresses such issues as per Code of Conduct and Professional Ethics as laid down by UGC and other academic bodies. The entire Doctoral thesis from the university after passing through the software submitted to SHODHGANGA.

4.3.6 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new/ future challenges?

- Students are given Internet access at the selected departments and are provided with learning materials such as CD-ROM classes.

4.3.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

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- Each faculty is provided either with one desktop/laptop/i Pad .

4.3.8 Give details of ICT-enabled classrooms / learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

- Most of the Science departments and few selected departments of humanities are equipped with ceiling-mounted LCD projectors and laptops. This facility is being extensively used by the faculty for interactive teaching.

4.3.9 How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the university for such initiatives?

- The teachers prepare their own study material by using the varied resources available and their own skills.

4.3.10 How are the computers and their accessories maintained?

- The maintenance of hardware and software are being done by the funds available with the departments or from the grants available in sponsored research projects. The paucity of funds sometimes affects the upkeep and maintenance of the systems.

4.3.11 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of? NO*

- The NKN connectivity of 1 gbps has been provided and e-knowledge generation is under process.

4.3.12 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

- Internet access free of cost to all teachers and students and hence, all web resources available on the Net can be utilised by them. There are no policies at present on the usage in this matter.

4.3.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

- No provision exists for maintenance of computers in the university.

4.3.14 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

- The plans for transfer of teaching and learning from closed university information network to open environment are under preparation.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, classrooms, and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience?

- Yes. The University has a Full time Assistant Engineer supported by two Junior Engineers to oversee the maintenance of buildings, classrooms and laboratories. The few specific initiatives undertaken are as follows:
 - Clearing of weeds and pruning of shrubs, hedges and trees
 - Beautification of campus by maintaining flower gardens..
 - Periodic maintenance and painting of buildings and classrooms
 - Trouble shooting in case of water and electricity supply and power generator Set
 - Construction planning and layout designing

4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details.

- Maintenance of infrastructure facilities (repairs, plumbing, electricity power) are carried out through the Engineering Cell
- Maintenance of other services (furniture, security, sanitation and cleaning, hostels, guest houses, conference and multi-purpose halls, transport etc) is done through engineering and technical staff.
- Minor repair and maintenance is made by the departmental funds and sponsored research funds.

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2015

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

5.1.1 Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

- The University faculty facilitate the support and mentoring to the students on individual basis as when required. Special attention is given to the slow learner students and efforts are under taken to bring them in to the mainstream.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

- Remedial teaching ,personal counselling and Post classroom lectures by the faculty is available in different all departments.

5.1.3 Does the university have any personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

- The University has set up a Directorate of Counselling and Placement. Followings are the major activities and achievements of this directorate:

-

The University students are being provided with the facility of open source software training through spoken tutorial projects IIT Bombay.

The students and faculty are encouraged and motivated make use of Open education resources available on the web, MOOCS also utilised.

- Periodic Campus interviews in the departments of professional studies and the core subjects are being conducted by the industries, Institutions and the Corporate.
- More recently nearly 50 students have been absorbed in different companies/organizations through Campus interviews. Besides these many students have qualified JRF, SRF, R.A., NET, SLET, GATE, GPAT and other state/centre organized tests/examinations.
- This year, for the first time the second all India rank in the GPAT has been secured by a student of Kumaun University. However, the number of total qualified candidates in the above mentioned examinations/tests is approximately 50.

5.1.4 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

- Yes. The main focus of the prospectus is to provide information on the Diploma/UG/PG academic programmes and PhD courses, admission criteria to these courses, intake capacity, and reservation norms. Such information is also placed in the University's website.

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5.1.5 Specify the type and number of university scholarships / free ships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/M.Phil/Ph.D./Diploma/others (please specify).

The university provides following scholarships to the students.

1. National scholarship provided by the state government to the meritorious students.
2. Scholarships provided by the individual trustee through university.
3. Scholarship for higher education (SHE) under the DST-INSPIRE programme
4. JRF/SRF of UGC-BSR, UGC-CSIR, DBT, ICMR, ICSSR, GPAT, DST-INSPIRE etc

The fellowships are paid in time to the scholars.

5.1.6 What percentage of students receives financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

• State Government	40%
• Central Government	15%
• Other National Agencies	2.0%

5.1.7 Does the university have an International Student Cell to attract foreign students and cater to their needs?

- The University does not have an International Student cell in existence but if any international student applies for admission in the university He/she is given admission as per the existing norms of the university. Hostel facility to such students is provided on the priority basis.

5.1.8

What types of support services are available for:

- **Overseas students:** Facility such as medical, research laboratories, library, bank, transport, hostel provided on a priority basis.
- **Physically challenged / differently-abled students:** Adequate personalised care is always provided to the differently-abled students.
- Reader / escort / writer provided both for visually and orthopedically challenged students.
- In keeping with Central directives, differently abled students are also given 40 minutes extra time in the End Semester Examinations.
- **SC/ST, OBC and economically weaker sections:**
 - Support services like remedial and coaching classes, 5% relaxation in qualifying marks and 37% reservation in admissions to various courses, scholarships, and fee concessions are provided. To address the grievances, proper forums like grievances redressal forum and equal opportunity cell are fully functional
- Students participating in various competitions/conferences in India and abroad :

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- **Health Centre, health insurance etc.:**
 - University has fully functional dispensary to all the students, with emergency facilities and ambulance services and Doctor on call with full time Pharmacist.
- **Skill development (spoken English, computer literacy, etc.):**
 - Computer Centre for computer literacy and ICT applications,
 - Bio-informatics Centre for skill development in bio-informatics.
- **Performance enhancement for slow learners :**
 - Remedial classes are periodically conducted by various departments.
- **Exposure of students to other institutions of higher learning/ corporates/business houses, etc. :**
 - Curriculum Stipulated Study Tour and General Study Tour are conducted every year to provide exposure to students to centres of learning /industries/hotels/ hospitals etc. are organised through various departments.
- **Publication of student magazines :**
 - An annual magazine “*Uplabhdhi*” is published by the Kumaun University Students Union D S B ,Campus and *Astha* by Kumaun University Campus Almora.

5.1.9 Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defense Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

- Yes. The University conducts Coaching for Entry into Services for students appearing in competitive examinations and Coaching for NET /SET, under Equal Opportunity Cell.
- More than 100 students have cleared NET during last four years.

5.1.10 Mention the policies of the university for enhancing student participation in sports and extracurricular activities through strategies / schemes such as:

- **Additional academic support and academic flexibility in examinations :**
 - Students participating in sports are given more lenient considerations in fulfilling the required attendance by 15%. More over students with extraordinary merit in the form of state/ national positions in extra-curricular activities and sports are given by The Honourable Vice-Chancellor on the basis of the recommendations made by Heads/ Deans of the concerned department.
- **Special dietary requirements, sports uniform and materials :**
 - Sports uniform and materials are provided from the sports fund and Sports Department of the University. Daily Allowance to meet the dietary requirements is given to students participating at Inter-collegiate level and inter university level.

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- **Any other (please specify) :**
 - University sponsors students participation in Co-curricular activities at Zonal, National and inter- university sports and cultural events;
- **Does the university have an institutionalized mechanism for students' placement? Yes**
 - **What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?**
 - The University's Placement Cell facilitates such services at the institutionalized level. Students undertaking vocational courses are being trained by the industry partners and are likely to be absorbed in the industry on successful completion of the course.

5.1.11 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

- Campus interviews are conducted by firms such as Policy Bazar online, Capital via, Spice, Pantaloon, Club Mahindra, Mining and exploration companies, Lupin, Dr.Reddys, Ranbaxy, Astrogenic, Nicholas, Cipla, Indian glycol. Jubilant biosys and many students placed in State and Central government services.

5.1.12 Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university? :

- Yes, the University has an Alumni Association. They help in guidance, counselling and placement activities.

5.1.13 Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

- The Dean of Students Welfare deals with the student's grievances and addresses their complaints by bringing it to the notice of the concerned authorities and thereby facilitating redressal, wherever possible. The grievances received from female students are addressed by sexual harassment committee at work place while those received from SC /ST/OBC /differently able students are addressed by equal opportunity cell.

5.1.14 Does the university promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details. :

- Yes, the University promotes gender-sensitive environment and is organizing from time to time programmes such as the Orientation Workshop, Student Mentoring, Student Counselling and Gender Sensitization by the women study centre of University.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1.11 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?:

- Yes. The Anti-Ragging Committee has so far not received any report of ragging in the University.

5.1.12 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?:

- Parent-Teacher Interface is organized wherein parents and guardians of the students are made aware of the university system and norms. The University departments often hold many of their seminars in the campuses to generate more participation from the stakeholders.
- The Student body supported by the University also periodically holds seminars (Kumaun University Students' Discussion Forum) covered by local television, involving prominent citizens and the university faculty.
- The Executive Council and the Academic Council of the University has members from amongst the principals of Affiliated Colleges, Kumaun College Teachers Associations, Community Based Organization (CBO) representatives and other prominent citizens. Four members nominated by the His- Excellency Chancellor of the university come from Judiciary, bureaucracy, academics and civic bodies.
- **How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made. :**
- In all the sports and cultural events of the University, women specific cultural items and other traditional dances and many more extra curriculum activities made open for women students.

5.2 STUDENT PROGRESSION

5.2.1 What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

- 1242 Ph.D. admitted in 2011-12
- 20 D.Lit./D.Sc. admitted in last four years

Student Progression	%
UG to PG*	40%
PG to Ph.D.	22%
Ph.D. to Post-Doctoral	Less than 1%--
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	2% approx. 98% approx.

5.2.2 What is the programme-wise completion rate during the time span stipulated by the university? :

100%

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.2.3 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.?: DATA NOT MAINTAINED AT UNIVERSITY LEVEL

5.2.4 Provide category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.:

YEAR	Ph.D. Theses submitted	Ph.D. theses accepted	Ph.D. theses re-submitted	Ph.D. theses rejected
2010 – 11	190	100%	-	-
2011 – 12	260	100%	-	-
2012 – 13	323	100%	-	-
2013 – 14	451	100%	-	-

5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1 List the range of sports, cultural and extracurricular activities available to students.

- Furnish the programme calendar and provide details of students' participation.

Sl. No.	Activities	Male / Female Participation	Date / Period
1	Kumaun University Sports Meet	Male/ Female	Yearly in October
2	North Zone Inter-University Hockey Tournament	Female	Yearly in October
3	All India Inter-University Hockey Tournament	Female	Yearly in November
4	All India Inter – University Taekwondo Tournament	Male	Yearly
5	North Zone Inter – University Chess Tournament	Male/Female	Yearly
6	PG Varsity Week (Unifest) indoor-outdoor sports, cultural events and debates, quizzes, extempore etc.	Male and female	Yearly in March/April
7	PG Inter – Department One – Day Sports	Male and female	Yearly
8	North Zone Inter – University	Male	Yearly
9	North Zone Inter – University	Male	Yearly
10	All India Inter – University Boxing Tournament	Male	Yearly

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11	Northern Short Films and Cultural Festival	Male and female	Yearly
12	Akhra India International Festival	Male and female	Periodically
13	Trekking	Male and female	Periodically
14	Trekking at	Male and female	Periodically

5.3.1 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years. :

Sl. No	Activities	Achievement	Place / Year
1	All India Inter – University Judo Tournament	Quarter Finalist	Patiala, 2009
2	North Zone Inter-University Football Tournament	Champion	Kalyani, West Bengal, 2009
3	All India Inter-University Football Tournament	Quarter Finalist	Tamil Nadu, 2009
4	North Zone Inter – University Badminton	Quarter Finalist	Manipur, 2009
5	North Zone Inter-University Volleyball	Quarter finalist	Banaras Hindu University, 2010
6	North Zone Inter-University Football Tournament	Runner – Up	Ranchi, Jharkhand, 2010
7	All India Inter-University Football Tournament	Quarter Finalist	Rourkela, Odisha, 2010
8	Arm Wrestling	Champion	Alcheringa, IIT, Assam, 2012
9	Solo Competition	2nd Position	Alcheringa, IIT, Assam, 2012
10	Cultural Dance	3rd Position	Alcheringa, IIT, Assam, 2012

5.3.3 Does the university conduct special drives / campaigns for students to promote heritage consciousness? :

- Annual cultural fest are organised at both the campuses which showcase the cultural heritage folk dance, folk music, folk legends and folk instruments.
- The place where Swami Vivekanand got enlightenment on his way from Colombo to Almora has been identified and being preserved as a cultural heritage.
- SPIC MACAY events are organised - Heritage Club for the students, participation in annual cultural dance and drama competitions.
- Departmental efforts, departmental archives, visits to historical /cultural sites within and outside the State under General Study Tours and Curriculum Stipulated Study Tours.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.3.4 How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

- Annual Magazine
- Annual journals
- Wall magazines in some departments
- OAKS, a quarterly publication by students of Botany Department.

5.3.5 Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding :

- The University has provision in its Statutes for establishment of Student Council which is yet to be implemented. However, Kumaun University Students Union (KUSU) is currently functioning with 12-member Organizing Board and an Executive Committee comprising of student representatives from all academic departments.
- The activities of the KUSU mainly pertains to the welfare of the students like their academic interests, seminars, library hours and facilities, classes and bus timings, transportation, roads, other extracurricular and co- curricular activities like sports and cultural events, community participation, publications, all of which are funded by the University. The activities under NSS have their own separate funding.
- The University, besides the collections from members and sponsorships, mainly funds the activities of the KUSU. The Dean of Student's Welfare closely involves the students in decision making with regard to their activities.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities:

- No student participation in academic and administrative bodies.

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NAAC SELF-STUDY REPORT CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

2015

6.1 INSTITUTIONAL VISION AND LEADERSHIP**6.1.1 State the vision and the mission of the University.****VISION**

- Kumaun University aspires to be a bold and dynamic community, with a “no walls” culture and a spirit of enterprise which strives for positive influence and impact through our education, research and service. Every member of our university enjoys diverse opportunities for intellectual, personal and professional growth. We strive to achieve international distinction for creativity, innovation and excellence. All components of the University ensure that it fulfills all of the mandates set down by the mission and the vision. The University values students, faculty and staff from different backgrounds and faith traditions and is committed to creating an atmosphere of trust, safety and respect in a community characterized by a rich diversity of people and ideas. It is committed to the dignity and fullest development of the whole person.
- Our vision is to be an established as a university, known for the quality of our teaching and learning, with a particular commitment to education for employment. We want to be recognized as an institution, known for the quality and range of our partnerships with the professions, business, industry and government. We seek to deliver superior customer service to all stake holders with the goal of attracting, developing, motivating, and retaining a diverse workforce in a supportive work environment.

MISSION

- To transform the way people think and do things through education, research and service
- Transformative education that nurtures thinking individuals who are alive to opportunities to make a difference, are valued members and leaders of society, and global citizens effective in diverse settings.
- High-impact research that advances the boundaries of knowledge and contributes to the betterment of society.
- At Kumaun University, our purpose is the discovery, communication, and preservation of knowledge and cultural heritage. We value integrity, quality, and teamwork in everything we do. We inspire critical thinking, personal growth, and a passion for learning. We serve the social, cultural, and economic needs of our community and our society.

CRITERION VI: GOVERNANCE, LEADERSHIP & MANAGEMENT

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

- Yes, community outreach programmes will address the needs of the society, and reflects its future vision. The University administration ensures participatory governance and community services in order to maintain and preserve the local culture of "Kumaun"- i. e. selfless service to others.

6.1.3 How is the leadership involved

- In ensuring the organization's management system development, implementation and continuous improvement?

Decisions regarding management system development are taken in the statutory bodies of the University and action taken reports are presented and discussed in the subsequent meeting of such bodies. Appropriate decisions for continuous improvement are taken. Various administrative and academic organs of the university have been empowered for implementation of such decisions.

- In interacting with its stakeholders?

Stakeholders, such as students, state government and civil society are given due representations in most statutory organs of the University. Public have free access to the University authorities for offering suggestions. These ensure continuous interactions with the stake holders.

- In reinforcing a culture of excellence?

IQAC is acting as a facilitator of culture of excellence. The university also conducts coaching classes for competitive examinations, gives recognitions to deserving faculty, awards to the meritorious students and to employees for excellent services. It creates opportunities for the academic growth and advancement, involves students in decision making process, and encourages innovative ideas. All this contributes to reinforcing a culture of excellence in the university.

- In identifying organizational needs and striving to fulfill them?

Proposals for organizational needs are invited from the academic and administrative departments and are discussed in the statutory organs of the university viz., Finance Committee, Academic Council and Executive Council for scrutiny. Proposals pertaining to such decisions are submitted to the funding agency, mainly to UGC and State Government, for funding and are implemented upon approval.

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6.1.4 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

- Earlier the office of the Controller of Examination of the University was non-existent. It has recently been sanctioned and appointment made. Now the Examination Cell is working more efficiently.

6.1.5 Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

- Yes, the statutory bodies of the University are constituted and notified according to the composition defined in the Statutes. Timely requests for nomination of members to the Executive Council, and the Selections Committees are sent to the Chancellor in order to ensure there is no vacancy in these bodies. Meetings of the Executive Council, Academic Council and Finance Committee are held regularly at least once a year. Building Committee meetings are held at least once in six months. Additionally, Board of Studies and Faculty Boards are in place and functioning according to mandate provided for in the Statutes and Act.

6.1.6 Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

- Yes, the University promotes the culture of participative management through wide ranging representation in the decision making organs. All Heads of the Academic Departments, all Deans of the Faculties and all Professors are the members of the Academic Council. There are external members and Principals of Affiliated Colleges in the Academic Council. Four Deans on rotation, senior-most Professor and senior-most Associate and Assistant Professors are members in the Executive Council along with the nominated and elected members. The Vice Chancellor gives enough scope for discussion in these bodies and issues are mostly resolved unanimously.

6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

- Students are being provided updated syllabi as per the current trends in higher education.
- Academic reforms are introduced from time to time. For instance, semester system in the PG programmes and some UG professional courses has already been introduced, and the University is in process of implementing the semester system in remaining UG programmes also.

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- Inspection Teams from the University are visiting the affiliated colleges to ensure that the colleges fulfil the requirements stipulated by the UGC and incorporated in the University's Regulations in terms of teaching faculty and infrastructure, both physical and academic, for running the programmes. The reports and recommendations of these teams are considered for granting provisional and permanent affiliations.
- The Academic Staff College organizes periodic conferences for the College and University teachers wherein academic issues are discussed and resolved. Besides, issues relating to administration, financial management, leadership development and enculturation of quality in higher education are also discussed with a view to sensitizing the teachers to gradually move towards excellence in education.
- Teachers from the affiliated colleges are encouraged to pursue higher studies, to submit research proposals and special courses/workshop/ training programmes are regularly organized for them.
- Academic Staff College of the University conducts refresher/orientation courses and short-term courses on regular basis for both college and University teachers.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

- NO autonomy has been conferred upon the affiliated colleges. The degrees are conferred upon the qualifying Candidates only by the University as per the University Act.

6.1.9 How does the university groom leadership at various levels? Give details.

- The University adopts the following mechanism to groom leadership at various levels:
 - Headships and Deanships are on 3-year rotation basis
 - The Committees constituted by the Executive and Academic Councils for various purposes include teachers, officers, members of statutory bodies and non-teaching staff.
 - Teaching and non-teaching staff are deputed to attend training courses/workshops on various aspects of University administrations.
 - University conducts in-house in-service training for non-teaching staff at the ASC.
 - Students are deputed for the leadership training conducted by NSS, NCC other outside agencies.

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6.1.10 Has the university evolved a knowledge management strategy? If yes, give details.

- The University's knowledge management strategy includes digitization of theses, institutional repository for the intellectual outputs, and availability of on-line resource materials by ensuring free access to e-resources through Inflibnet, and free access to institutional research output.
- Central and Campus Libraries are in the process of being fully automated.
- The annual report 2011-12 and annual magazine are published by the University and student body respectively highlights the academic and research contributions made by the students and faculty.
- "Kumaun University: At a Glance" been published.
- Seminars/symposia/workshops are frequently organised as a knowledge management strategy.

6.1.11 How are the following values reflected in the functioning of the university?

- Contributing to national development :
 - All academic and administrative activities of the University, particularly of the NSS and NCC, are in line with the goal of national development.
- Fostering global competencies among students :
 - All academic programmes are up-to-date and incorporate current trends in the respective disciplines.
 - Students are sponsored to participate in the national level sports, cultural events and academic and leadership training programmes organized by outside agencies.
 - General study tours of periodical nature and study tours as curricula stipulated are conducted for the students.
 - Students Union organizes *Goonj* and *Maha Goonj* annually in which various extempore speeches, cultural and musical events and seminar on national and international issues are conducted. Students of Geology Department organise Geo-Gala and Geo-Expo Programmes annually.
- Inculcating a sound value system among students :
 - Community services rendered by the students through blood donation, cleanliness drive and in reconstruction activities during disaster under NSS, Dean Student's Welfare and Student's Union.
 - Participation of students in environment protection and conservation programmes on Green Kumaun Day, World Environment Day etc.
 - Sensitizing students on social and national issues viz., national integration, gender sensitivity, equal opportunity etc.
- **Promoting use of technology :**
 - Computational Facility at Departmental level and at the Central Library

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dedicated for PG students and research scholars.

- Training programmes on effective use of ICT through Computer Science/IT Department and Academic Staff College,
- Digitization of the library resources
- ICT supported lecture halls in some academic departments.
- All reports are typed in MSOffice and mostly communicated among the departments and outside through email.
- Computing software like SYSTAT12, SPSS, Matlab, ArcGIS, Erdas, Geomatica, etc.
- **Quest for excellence :**
 - The Quest for excellence by Kumaun University is especially reflected in its teaching / learning / evaluation process in the two best practices of
 - Semester-system at PG and some UG programmes and
 - Declaration of results of UG/PG examinations within 2-4 weeks from the last date of semester examinations.

6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT

6.2.1 Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

- Vision and mission
- Curriculum Aspects
- Teaching, Learning & Evaluation
- Research, Consultancy & Extension
- Infrastructure & Learning Resources
- Student Support and Progression
- Governance & Leadership
- Innovative Practices

All above aspects have been envisaged in the perspective plan for development. The University has a well-defined vision and mission, academic programmes and learning methods are embedded in it, there is ample scope for research and development, community engagement has been ensured through community outreach programmes. The basis aim of the university is human resource development. Industry-Academic interaction has been initiated. Collaboration with the academic and research institutions both at national and international levels is envisaged.

6.2.2 Describe the university's internal organizational structure and decision making processes and their effectiveness.

The Vice Chancellor is the academic and administrative head of the University. Under him in the academics are the Deans of the Faculties and Heads of the Departments. In administration, the Vice Chancellor is assisted by the Registrar, Finance Officer, Controller of Examinations, Librarian, Directors of Campuses, Deputy Registrars and Assistant Registrars. The Vice Chancellor functions through the Executive Council, Academic Council, Faculty Board, Research and Development Committee, Finance Committee, Directorate of Research and Extension, ICT, Placement and Counselling, Quality Assurance Cell, and Building Committee. Academic decisions are initiated at

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the Department level and decided by the Academic Council through respective Boards of Studies and Faculty Boards. Academic decisions pertaining to the affiliated colleges are taken by the Academic and Executive Councils. Controller of Examinations office is responsible for conducting examinations, declaring results and awarding degrees. Decisions regarding income and expenditure, and resource mobilization are taken by the office of the Finance Officer and the Finance Committee. Infrastructure requirements of the University are approved by the Building Committee.

The decision making process under the present organizational structure is quite effective.

6.2.3 Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

- The University has set-up a full-fledged Internal Quality Assurance Cell (IQAC). IQAC is vigilant and making all efforts to ensuring quality. It obtains duly filled-in PBAS Proforma from individual teachers annually.
- The quality of teaching and research is monitored by the respective Departmental Research Committees, Board of Studies and Faculty Boards having external members also. Syllabus revision and research proposals are vetted by these bodies before these are placed in the Academic Council for consideration.

6.2.4 Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

The Departments have been full academic autonomy and accountability and functions under overall guidance of the respective Deans. Departments are free to update/ revise their syllabus and adopt teaching-learning strategies and conduct all programmes. Accountability of the Departments is ensured through their respective Deans, Directors of Campuses and Academic Council.

6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

- During the last four years 86 court cases were filed by the various self-financed B.Ed. institutes against the State Government in which the Kumaun University was respondent at serial no. 3 and 4 by the Institutes. In fact, the matter for granting of temporary affiliation to the self-financed B.Ed. Institutes were recommended by the Panel Inspection team constituted by the University and after the approval of Executive Council these cases were recommended to H.E. The Chancellor and Government for grant of temporary affiliation. Due to some unavoidable circumstances, the matter could not be materialized at the Government level in time and in the meantime these institutes approached to the Hon'ble Court and the Hon'ble court directed to the State Government/ H.E. The Chancellor to grant the temporary affiliation without any further delay. This issue has been taken up by the University at the Government and Chancellor level and now the problem stands resolved since the last two academic sessions.

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6.2.6 How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

- Grievance Redressal Committee has been instituted at the University level to promptly resolve the problems pertaining to students, teachers and employees so that a congenial environment in the University could be ensured. However, there is no mechanism for involving any other stakeholders.
- Additionally, departmental level student mentoring and counselling takes care of the students grievances/complaints. It is pertinent to mention here that grievances as of now are at the minimum level.
- RTI is fully functional and all queries relating to it are responded to within stipulated time by the RTI Officer who acts as an interface between the University and the stakeholders.

6.2.7 Does the university have a mechanism for analysing student feedback on institutional performance? If yes, what was the institutional response?

- Feedback from students through the Dean of Students' Welfare on administrative functioning like transport, library, sports facilities, cleanliness, potable water, canteen, examination, hostel facility, etc. is received by the administration. Besides, students have free access to the University authorities to register their feedback on such and other issues.

6.2.8 Does the university conduct performance audit of the various departments?

- Yes, performance audit of the academic department is conducted twice in a year through respective Board of Studies and Faculty Boards and observations are placed in the Academic Council for review. Such bodies have external members also. Annual accounts of the university are audited by the office of the Accountant General.
- For SAP and DSA recognised Departments Advisory Committee reviews the progress of the departments on an annual basis.

6.2.9 What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

Affiliated colleges of the Kumaun University are under the administrative control of the State Government or the management of the private colleges. However, University inspection team periodically visits the colleges to assess their requirements in terms of faculty and infrastructure and makes recommendations accordingly. The development needs of the affiliated colleges are also discussed in the Academic and the Executive Councils.

6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

- On matters primarily affecting the academic mission of the university (curriculum, subject matters, introduction of new academic programmes/courses and faculty status etc.) periodic meetings of Board of Studies (BoS), Research Development

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Committee (RDC), and Faculty Board (FB) of all departments and Faculties are convened in every the academic year.

- The meeting of the Academic Council (AC) and Finance Committee are convened every year.
- Members of the Academic bodies make use of PowerPoint presentations of their proposals.
- Syllabi and the course contents are updated for almost every department of the university by respective BoS.

Achievements:

- Semester system of course and curriculum has been introduced initially at post graduate level from the session 2010-2011, in the subjects like Geology, Forestry, Statistics, Bio-Technology, Microbiology, Pharmacy, Computer Science, M.C.A., Information Technology, Geo-informatics, Law, Drawing & Painting, Music, Home Science, Geography, MSW, Yoga, and Psychology, etc. The Semester system now fully covers all the professional and PG programmes. The Semester System will be extended to all under-graduate levels within next two years.
- Academic Sessions have been regularized by reducing the days of winter vacations and holidays etc.
- The post of Controller of Examination maintained and central evaluation system of examination was introduced. This has led timely release of examination results and commencement of new academic session well.
- After a long period, the annual examinations are being regularly commencing in March/April each year and all examination results of the university are declared by July/August.
- The University regularly publishes Academic Calendar which depicts all academic activities to be undertaken and implemented strictly.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

- Financial assistance for organizing and attending seminar/symposia/workshop/training programmes to the teaching and non-teaching staff, and providing publication grants to the faculty.
- Encouraging and facilitating submission of research project proposals to the funding agencies, and providing research facilities.
- Organizing professional development/training courses for teaching and non-teaching staff through Academic Staff College.
- Signing MoU with the research and academic institutions both in India and abroad.
- Granting study leave to the faculty and non-teaching staff for pursuing higher

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studies and research work under bilateral exchange programmes.

6.3.2 What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

- **Grievance redressal mechanism:**
 - Grievance Redressal Committee is responding to the grievances received from the faculty after careful analysis.
- Improvement in library and laboratory and class-room facilities viz., power point presentation facility, computing facility, internet connectivity, access to over 4000 e-journals through Inlibnet.
- Financial assistance for attending/organizing seminar/ conference, and publication grants.
- Membership in the academic and administrative committees constituted by the University empowering the faculty to play participative roles in the university governance.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefited from these schemes in the last four years? Give details.

- Residences for the teaching and non-teaching staff.
- Group Insurance scheme (for all).
- Teacher Welfare Funds through teaching association (for all).
- Availability of banking facilities.
- Facilitating personal loans from the banks for various purposes.

6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?

- Allotment of house on priority basis.
- Additional increments for meritorious faculty.
- In absentia selection from among outstanding scholars as faculty members.
- Good infrastructure for teaching and research.
- Conducive ambience and academic environment for quality teaching- learning.

6.3.5 Has the university conducted a gender audit during the last four years? If yes, mention a few salient findings.

No.

Does the university conduct any gender sensitization programmes for its faculty?

No.

6.3.6 What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the university faculty?

- Competency enhanced in the area of research methodology, ICT, teaching-learning strategies, formulating research proposals, updating knowledge in interdisciplinary fields, exposure in emerging and frontline areas of knowledge, work ethics and quality culture.

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6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

- The decisions regarding financial management and resource mobilization are taken in the Finance Committee and Executive Council. All these statutory bodies have external members also nominated by the Chancellor of the University. Financial planning is accomplished on long-term basis (for Plan period) and short-term basis (annual budget estimates and revised budget estimates) for submission to UGC and State Government.
- Fee structure and honorariums, etc. are revised in the Finance Committee.

6.4.2 Does the university have a mechanism for internal and external audit? Give details.

- Pre- and post-audit checks are exercised by Internal Audit Cell. The cell also does stock verification.
- Annual accounts are audited by the audit party deputed by the Office of Accountant General. Audited annual accounts and audit report, after discussion in the Finance Committee, and Executive Council, are submitted to the State Government and UGC.

6.4.3 Have the accounts been audited regularly? What were the audit objections, if any, and how were they complied with?

- Annual accounts have been regularly audited by the AG office. There has been progressive improvement in the audit report and number of para in the audit report is decreasing year by year.
- University views auditing of accounts as a measure for the improvement of the accounting system, and also for better financial management.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.

• Income & Expenditure Statement of the year ending 31 March 2009

Expenditure	Amount	Income	Amount
Fixed assets	23653000.00	Grant in aid-Capital Expenditure	23653000.00
Administration Cost	141748936.00	Grant in aid-Revenue Expenditure	135951000.00
Cost of PG Diploma course	9477399.00	Sale of forms	12884067.00
Undisbursed grant C/O to balance sheet	Nil	Registration fee	757206.00
		Bank interest	1634062.00
Total	174879335.00		174879335.00

• Income & Expenditure Statement of the year ending 31 March 2010

Expenditure	Amount	Income	Amount
Grant disbursed	82883909.00	Unspent grant C/O from Previous year	Nil
Fixed assets	5490000.00	Grant received-Grant in aid	204110000.00
Administration Cost	241984871.00	Sale of forms and publications	15646079.00

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Cost of PG Diploma Courses	11084465.00	Course fee	6888355.00
Unspent grant C/O to balance sheet	NIL	Examination fee	111918357.00
		Bank interest	2880454.00
Total	341443245.00		341443245.00

• Income & Expenditure Statement of the year ending 31 March 2011

Expenditure	Amount	Income	Amount
Grant disbursed	10300300.00	Unspent grant C/O from Previous year	Nil
Fixed assets	7821000.00	Grant received-Grant in aid	243155000.00
Administration Cost	326651036.00	Sale of forms and publications	15629881.00
Cost of PG Diploma Courses	11800269.00	Course fee	7343561.00
Unspent grant C/O to balance sheet	Nil	Examination fee	77343388.00
		Bank interest	2100775.00
Total	345572605.00		345572605.00

• Income & Expenditure Statement of the year ending 31 March 2012

Expenditure	Amount	Income	Amount
Fixed assets	4177000.00	Unspent grant C/O from Previous year	Nil
Administration cost	427701269.00	Grant received	230685000.00
Academic Cost	98904406.00	Sale of forms and publications/ tender documents, etc.	4127966.00
Unspent grant C/O to balance sheet	Nil	AUD overhead receipts	Nil
		Course fee	206085041.00
		Hostel fees	134000.00
		Entrance fees	11868760.00
		Miscellaneous receipts	75758893.00
		Interest on fixed deposits	Nil
		Interest on savings account	2123015.00
Total	530782675.00		530782675.00

• Income & Expenditure Statement of the year ending 31 March 2013

Expenditure	Amount	Income	Amount
Fixed assets	8594000.00	Unspent grant C/O from Previous year	Nil
Administration cost	422148808.00	Grant received	337704000.00
Academic Cost	142967430.00	Sale of forms and publications/ tender documents, etc.	5181014.00
Unspent grant C/O to balance sheet	Nil	CECED overhead charges receipts	Nil
		Course fee	113814607.00
		Hostel fees	155200.00
		Welfare fund	Nil
		Miscellaneous receipts	112010331.00
		Interest on fixed deposits	Nil
		Interest on savings account	4845086.00
		Prior period items	Nil
Total	573710238.00		573710238.00

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6.4.5 Narrate the efforts taken by the university for resource mobilization.

- Being a State University, it is partly funded by the State Govt. and partly by the UGC. However, University has made followings efforts for resource mobilization :
 - Research grants through externally funded research projects.
 - Incremental growth in the collection of fee from the students.
 - Short-term investments of the funds through Finance Department of the University.

6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details.

- **Yes.** Rs. 1.5 Crore corpus fund is available under Mahadevi Verma Srijan Peeth.

6.5 INTERNAL QUALITY ASSURANCE SYSTEM

6.5.1 Does the university conduct an academic audit of its departments? If yes, give details.

- As post-accreditation quality sustenance activities and as per UGC guidelines under its eleventh plan, the IQAC was constituted on October 30, 2009 with a Committee consisting of three external expert members for guiding and quality enhancement in the teaching, research, examination, and administrative activities of the Kumaun University.
- IQAC Committee has met four times since its inception and suggested a series of measures on quality parameters for the improvement of academic and administrative activities.
- Several benchmarks related to quality teaching, research and administrative activities have been provided to each unit of the University for implementation and assessment on annual basis.
- Annual Quality Assurance Report (AQAR) of one year in prescribed format was prepared by each unit of the university, which was approved by Executive Council and was further transmitted to UGC and NAAC for their perusal.
- It has also been planned to prepare biannual Quality Radar (QR), which can help understanding the problem-solving mechanism and generating the quality work culture in the University campuses.
- Proforma Based Appraisal System (PBAS) as per UGC guidelines are being submitted by teachers to IQAC.
- Academic Performance Indicators (APIs) as per UGC guidelines are used for promotion under CAS.
- Quality Management System of international standard is being implemented in the campuses, and the concerned agency has recently audited the work done by the university which led to award ISO 9001:2008 certification.

6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

- **Recommendation of the IQAC Committee**

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- Input (quality of students and faculty as well)
- Processes (How the students are being admitted and taught; teaching faculty and research activities, examination)
- Facilities (infrastructures, conducive environment for teaching and research, classroom and lab conditions, teaching methods, libraries, internet and information search, hostel, sports and health centre etc.)
- Output (Publications, training programmes, patents and recognition of students and teachers etc.)
- Governance (activities at all levels) and Monitoring (How these parameters are to be monitored and administered keeping in view of potential stakeholders, employers and society).
- Alumni association can play vital role in this regard.

• **Actions Taken**

- To attract and ensure quality student input at entry level particularly in science stream, the cell organized Ministry of Science and Technology, Government of India sponsored INSPIRE science camps (twelve residential camps of 5 day duration) for top one percent performers of high school examination of Uttarakhand Board and Central Board.
- More than 150 INSPIRE students are currently pursuing B.Sc./M.Sc. in the university campuses and affiliating colleges, who are receiving Scholarship for Higher Education (SHE) under the DST-Inspire scheme.
- Alumni Cell of the Kumaun University has been established to have better feedback from ex-students and ex-employees of the University for Quality Changes in our academic and administrative performances and for developing true professionalism.
- National level DST sponsored field training programme in the Ladakh Himalaya was organized for the young students and scientists.
- Compilation and publication of “Kumaun University at a Glance” and “Annual Report 2009-2011”, for the first time.
- Formulated the draft proposal for Headship Rotation in the Departments of Kumaun University, Nainital, for its approval by statutory bodies.
- Formulation and Compilation of XII Five Year Plan (FYP) proposal and submitted to UGC, New Delhi.
- Preparing the SAR of Kumaun University for further accreditation by NAAC, Bangalore.

6.5.3 Is there a central body within the university to continuously review the teaching-learning process? Give details of its structure, methodologies of operations and outcome?

- Teaching-learning processes are continuously reviewed by the Academic Council through the Department, Board of Studies and Faculty Boards. These bodies have external members also. These are also monitored through the Performance Based

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Appraisal System (PBAS). As a consequence, syllabi are updated, research proposals are approved, panel of examiners are approved, learning resources are strengthened and new programmes are introduced.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

- Decentralisation of administration at Campus level by creating the posts of Director Campus for both DSB and SSJ Campuses of the University.
- The post of Controller of Examination was created and filled for the first time in Kumaun University.
- Quality Management System of international standard is being implemented in the campuses, and the concerned agency has recently audited the work done by the university which led to award of ISO 9001:2008 certification.
- Several benchmarks related to quality teaching, research and administrative activities were provided to each unit of the University for implementation and assessment on annual basis.
- Three Directorates, namely, Directorate of Research and Extension, Directorate of Information and Communication Technology, and Directorate of Placement and Counselling have been set-up in the University.
- IQAC collects information and does the compiling and editing of the information received for the publication of the Annual Report of the University for timely submission to various funding bodies.

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

- Adoption of the UGC Regulation of 30th June 2010.
- Creation of Three Directorates, namely, Directorate of Research and Extension, Directorate of Information and Communication Technology, and Directorate of Placement and Counselling up in the University.
- Proposal for rotation of Departmental Headship every three-year.
- Qualifications for selection of teachers at University and College level as per UGC norms.
- Leave rules for teaching staff as per UGC norms.
- Performance Based Appraisal System and Academic Performance Indicators used for promotions and recruitment of teachers.
- AQAR (Annual Quality Assurance Report) for its approval.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

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- IQAC has three external members in the Committee, namely,
 - Prof. D.K. Sinha, Prof. & Head Geology Department, Dean Faculty Science, Delhi University.
 - Sri Anand Mohan Tewari, IAS, Managing Director, Gujrat Chemicals and Fertilizers, Gujarat.
 - Prof. R.K. Khandal, Vice Chancellor, U.P. Technical University, Lucknow.
- They have suggested quality benchmarks to be followed in teaching and design of curricula, etc. as stated in preceding sections.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

- Not yet.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

- The performance of the administrative and academic departments is periodically reviewed in the Building Committee, Academic Council, Finance Committee, and Executive Council.
- Committees are also periodically set-up to review the functioning of the administrative departments. Recommendations of the Committees are discussed in the Executive Council and suggestions are implemented accordingly.

Kumaun University



NAAC SELF-STUDY REPORT CRITERIA VII: INNOVATIONS AND BEST PRACTICES

2015

CRITERION VII : INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the university conduct a Green Audit of its campus?

- No. However, wastes from laboratories of the University are properly disposed as per the norms of Lake Development Authority.
- The Government of Uttarakhand Department of Forest has issued “Green Campus Certificate” to D.S.B. Campus in August 2014.

7.1.2 What are the initiatives taken by the university to make the campus eco-friendly?

- Kumaun University and its campuses are situated on hilly terrains. The University headquarter and its campuses are famous for tourism and beautiful landscapes. Fans and air-conditioning equipment are used very rarely and so expenses on electricity are minimized during summer and rainy season.
- The culture of Nainital motivates its inhabitants as well as tourists to contribute to green living or practices that help in conservation of resources like water and energy. The students, faculty members and staff always make efforts of educating people of the whole region.
- Some of the eco-friendly habits practised in the University are:
 - Turn-off lights when not in use and take caution that in empty rooms lights are off;
 - Entry of various vehicles is prohibited so emission level is almost zero;
 - Opt for green cleaning;
 - Recycling of toner and printer cartridges ;
 - Emphasis on recycle, reduce and reuse;
 - Purchase of eco-friendly and recycled items;
 - All bulbs are being replaced by compact fluorescent lightbulbs (CFLs), which are three to four times more efficient;
 - White boards and green boards are being used in class rooms;
 - Reduce water use by turning off taps, fixing dripping taps;
 - Check energy ratings for new appliances;
 - The University Campuses function in accordance with Rule 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules 1998.
 - Plantation of trees within the University Campus has been a regular feature since its inception with the observance each year of World Environment Day on 5th June.
 - The Departments of Botany and Forestry have made their contributions towards plantation for purposes of research and experimental studies, that are worth mentioning.
 - The student body under NSS are also involved in plantation activities and keeping the Campuses neat and clean.

CRITERION VII : INNOVATIONS AND BEST PRACTICES

- The University Campuses follow the Rules for the manufacture/ use/ import/ export and hazardous Micro-organism/Genetically Engineered Organisms or Cells, 1989.
- The University firmly always keeps in mind the preservation and replenishment of the environment around it. Its students educate masses for no polythene by taking processions. Emphasis is given on use of both side of the paper. Efforts are also undertaken to make notices as small as possible. Maximum use of the website of the University is made for uploading of tenders, notices and rules-regulations.
- University has taken a decision to start 'Nano Science and Nano-Technology' Centre in the University where one of thrust area is to make use of Nano hydrocarbons in production of solar energy cells. In next few years it is proposed that all electric appliances are replaced by devices run by solar energy.

7.2 INNOVATIONS

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the university.

- Highlights of innovations worth mention that have created a positive impact on the University functioning:
 - Attraction of quality science students through science camp under DST-INSPIRE program
 - Participation of Industry, Alumni in BOS of professional subjects
 - Workshop on quality-related themes
 - UGC Regulation 2010 was adopted by Kumaun University, Nainital.
 - Performance Based Appraisal System (PBAS) including the Academic Performance Indicators (APIs) as per UGC guidelines are being submitted annually by teachers to IQAC.
 - Quality Management System of international standard has been implemented in the campuses, and the concerned agency has audited the work done by the university which led to the award and continuation of ISO 9001:2008 certification.
 - To attract and ensure quality student input at entry level particularly in science stream, the University organized Ministry of Science and Technology's, (Government of India) sponsored INSPIRE science camps (twelve residential camps of 5 day duration) for top one percent performers of high school examination of Uttarakhand Board and Central Board.
 - More than 150 INSPIRE students are currently pursuing B.Sc./M.Sc. in the university campuses and affiliating colleges, who are receiving Scholarship for Higher Education (SHE) under the DST-Inspire scheme.
 - Motivate students to excel in the academic and co-curricular activities by facilitating them and awarding on different occasions.

7.3 BEST PRACTICES

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the university.

Amongst the several good practices established by the University over the years the two best practices for better academic functioning of the University are :

- i. **Title of the Practice:** Generation of skilled workforce
- ii. **Objectives of the Practice**

The specific objectives of this programme are:

 - To substantiate the philosophy of “Make in India” programme launched by Prime Minister of India.
 - To shape up the future of students by sharpening their professional and technical skills.
 - To cater the demand of Industry by producing technical and employable human resource.
 - To develop a skilled labour force and provide an opportunity of “earn while you learn” by signing MOUs with local industries
- iii. **The Context**

India is facing rising unemployment of the educated and at the same time Industry is facing a shortage of skilled labour. International experience suggests that what employers mostly want are young workers with strong basic academic skills and not just vocational skills which the present system of vocational education does not emphasize enough on general academic skills. It is also true that the relative wages of workers with secondary education are increasing.

An analysis of the labour market brings to light following trends:

 - There is a decline in the Labour Market requirement for skilled workers without general education skills.
 - More students are joining higher secondary education and looking for vertical mobility and consequently the labour force participation is declining.

Kumaun University was set-up to be a traditional University, but has recognised the need of the hour and is striving towards developing and introducing courses which addresses the need of the various industries.
- iv. **The Practice**

Kumaun University has already established a unique kind of Community College under the aegis of University Grants Commission to generate technically qualified and employable graduates for the retail and hospitality managements and automobile industries. The University keeps a track of developments in the industry and accordingly updates its modules for training and learning.

CRITERION VII : INNOVATIONS AND BEST PRACTICES

v. Evidence of Success

The first success is evidenced by the signing of MOU between Ashok Leyland & Kumaun University on 14th February 2015. Kumaun University has already enrolled 100 plus students in the B.Voc programme. This is considered to be a very good initiative taken by Kumaun University for the young talents who would like to develop their skill as well as Earn while Learning. This Earn while Learn scheme has been appreciated by Ashok Leyland as well which is looking forward towards Kumaun University to further collaborate in other such kind of courses for the skill development of young generation. In fact this initiative is in line with the “Make in India Mission” of Honourable Prime Minister of India. (Mail received from HR Manager of Ashok Leyland is attached herewith)

Another achievement is underlined with Club Mahindra Corbett having signed an MOU with Kumaun University to develop skilled manpower in the Hospitality Industry with the objective of developing and training 25 students for the current year in the hospitality industry. These students will undergo ON THE JOB training for 30 months and would be awarded a B.Voc. degree on completion from the Kumaun University. The students will be given direct industry exposure and will be made ready to handle the HOTEL AND TOURISM industry on passing out (emails received from Ashok Leyland and Club Mahindra regarding MOU with Kumaun University are attached herewith). Some more proposals from industries are in pipeline.

vi. Problems Encountered and Resources Required

Being a challenging field for Kumaun University (which was meant basically for imparting conventional education) it is felt that more human resources and infrastructure be developed for the same. We are having with us only a grant of Rs. 1.397 crores sanctioned for two years by UGC (the amount has still not been released to the University) and it was felt that if we do not go for innovative measures then the initiative will perish within two years. The survey and interactions with local industries motivated us to move beyond the sanctioned two courses and sign MOUs with local industries. In view of the positive response from the Industry, the University also proposes to establish full-fledged faculty for Vocational Courses and an independent community college that would not only assist in proposing means and ways of vocalisation of traditional courses but also design and develop the content for the same.

vii. Notes

Since this is just the beginning of a new approach to education at Kumaun University, the need of mechanism for proper documentation and follow-up with not only students but also the faculty and stakeholders needs to be addressed. This would be followed by the views and comments from the experts in the Industry, the linkages of which are being developed.

CRITERION VII : INNOVATIONS AND BEST PRACTICES

B. Title of the Practice: Initiation of innovative courses and researches to contribute to the regional, national and international growth and development by active Community Participation

i. Objectives of the Practice

The specific objectives of this programme are:

- Preservation and restoration of heritage of Uttarakhand
- Eradication of addiction and illiteracy
- Active participation in “Swachh Bharat Abhiyan”
- Recharging local water bodies.
- Training the students of NSS Wing for natural disasters and calamities.
- Mapping of resources like Forests, land diversity, cultural heritage with knowledge capital and human resources by the active support of local community.

ii. The Context

Kumaun University envisages to produce students who are not only educated in both theoretical and applied subjects but also who are also aware of their both social and natural environments. With this in mind the students are being motivated to undertake activities that help them become sensitive and responsible citizens. They are oriented towards appreciating the cultural heritage of Uttarakhand and strive towards its protection and restoration. Liquor consumption has been a growing problem in the state of Uttarakhand and it is sought to be addressed along with the problem of other addictions by raising awareness about it. The students would be oriented to do voluntary service at their community level educating so contribute productively to the society. Raising and contributing to general sanitation in their life and neighbourhood and the community as a whole would be a part of their orientation that would be contributing to the wellbeing of the society.

iii. The Practice

The students of the University actively participate in all the co-curricular activities that range from environment conservation and sanitation to mitigation of natural hazards and calamities. Not only the students contribute to these areas as members of NSS and NCC but also as a student body of the University. Every year the students also undertake plantation drive under which they plant saplings of different tree species not only in the campus but also in and around the city.

iv. Evidence of Success

The students of the University have been commended for their support to the victims of the Super Cyclone that hit Odhisa and the Kedarnath Floods. In view of the contribution of the students towards mitigation of woes of the victims of the aforesaid tragedies in particular besides other incidents, the Kumaun University

CRITERION VII : INNOVATIONS AND BEST PRACTICES

was awarded the prestigious Indira Gandhi Award for Social Services and Community Participation Activities in the recent past. Also the D.S.B. Campus has been declared Green Campus by the Department of Forest, Government of Uttarakhand for its efforts in maintaining and enhancing the greenery in and around the campus.

v. **Problems Encountered and Resources Required**

The limitation of a separate fund for executing Community Participation Programmes in the University has been felt, even though voluntary contribution by students and faculty along with assistance in various forms by various line departments of the Government has helped to keep the spirit of community service alive and thriving in the University till now. Being a hill university, Kumaun University needs special attention in view of the challenging conditions, both geographic and socio-economic. Funds are specially required to provide training to students for disaster management and search and rescue operations as a high percentage of students hail from the rural areas which are still not approachable by motor roads.

vi. **Notes**

In view of the region being prone to natural disasters such as earthquakes and landslides especially in the highly populated belt of the Himalayas, which also falls within the Main Boundary Thrust, the need for capacity building and creating awareness requires immediate attention. The region is also suffering from the problem of a high out-migration, and problem of alcoholism especially in the rural areas and epidemics in the plains, a comprehensive package needs to be developed for the students to enable creation of a youth force that would be there to address these issues of the society.

The University also proposes to be a resource centre for suggesting authorities of the state for its economic growth by adopting following strategies:

- Involvement of PPP or BOT model of development
- Harvesting of Green bonus
- Encashment of the White bonus
- Holistic utilization of the natural wealth
- Conservative and preservative measures for sustainable growth
- Participatory critical appraisal
- Identification of thrust areas



Satpal Bisht <sps.bisht@gmail.com>

Fwd: B VOC PROGRAMME INITIATIVE

1 message

drhsdhami <drhsdhami@gmail.com>
To: Satpal Bisht <sps.bisht@gmail.com>

Wed, Mar 25, 2015 at 3:50 PM

Sent from my Samsung Galaxy smartphone.

Dear Prof. Dhami,

This is with reference to the discussion we had with respect to the Signing of MOU between Ashok Leyland & Kumaun University on date 14th February '2015. We have already enrolled 100 plus students in this B.Voc programme. This is a very good initiative taken by Kumaun University for the young talents who would like to develop their skill as well as Earn while Learning..

This Earn while Learn scheme is a very good concept in our company and I am sure that Kumaun University will come forward for such kind of courses for the skill development of young generation.

Infact this initiative will fulfill the **Make in India** Mission of Honorable Prime Minister of India.

Looking forward to have this kind of initiative in future too.

With Best Regards,

Dr. Devender Sharma

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Satpal Bisht <sps.bisht@gmail.com>

Fwd: MOU with Kumaun University under MAKE IN INDIA scheme

1 message

drhsdhami <drhsdhami@gmail.com>
To: Satpal Bisht <sps.bisht@gmail.com>

Wed, Mar 25, 2015 at 3:52 PM

Sent from my Samsung Galaxy smartphone.

Dear Professor Dr.Dhami,

Namaskaar!

Under the Hon Prime Ministers scheme of MAKE in INDIA , Club Mahindra Corbett has signed an MOU to develop skilled manpower in the Hospitality Industry.

In this regard we have collaborated with the Kumaun University Nainital in developing and training 25 students for the current year in the hospitality industry.

These students will undergo ON THE JOB training for 30 months and gain a B VOC degree on completion from the Kumaun University.

The students will be given direct industry exposure and will be made ready to handle the HOTEL AND TOURISM industry.

We are looking forward for a continued collaboration with the university in developing students from the community.

Thanks and Regards

Ramalingam V.K

Club Mahindra

Mobile - [+919720786668](tel:+919720786668)

INTERACTION WITH PERSONALITIES & CO-CURRICULAR ACTIVITIES



Kumaun University

SCHEDULE - 12: INTEREST EARNED

PARTICULARS	2011-12 (₹)	2010-11 (₹)
INTEREST EARNED ON BANK SAVINGS/DEPOSITS		
INTEREST ON SPONSORED PROJECT DEPOSIT	2,30,945.00	150070.00
INTEREST ON SV.A/C.S WITH BANKS-OTH.FUND	18,79,196.00	2880454.00
SCHEDULE TOTAL	21,10,141.00	3030524.00


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Kumaun University
NAINITAL


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Kumaun University
Nainital (U.K.)



Finance Officer
Kumaun University
Nainital

NAAC SELF-STUDY REPORT SCHEDULES OF FINANCIAL STATEMENTS

2015

Schedules forming part of the Income & Expenditure Accounts for the year ended on 31st March 2009
Schedule 8 – Grants/Subsidies (Irrevocable grants and Subsidies received)

Amount in Rs.				
Particulars	Plan	Non-Plan UGC	Current year Total	Previous Year Total
	UGC Plan			
Opening balance (1.04.08)	18452124.00	-	18452124.00	-
Add: Receipts During the Year	43056535.00	-	43056535.00	-
Add: Interest on Investment	10577310.00	-	15577310.00	-
Total	22085969.00	-	72085969.00	-
Less: Utilised for Capital Expenditure(A)	7391893.00		7391893.00	-
Balance	64894076.00		64894076.00	-
Less: Utilised for Revenue Expenditure	41198372.00		41198372.00	-
Balance C/F as unutilized (C)	23495704.00	Nil	23495704.00	-


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 Nainital

Schedule -9: Academic Receipts

	2008-2009	2007-2008
ACADEMIC FEES FROM STUDENTS	Rs.	Rs.
ADMISSION FEE	95400.00	90600.00
ENROLLMENT FEE	757206.00	3481390.00
LABORATORY FEE	946800.00	1401770.00
LIBRARY FEE	299630.00	342878.00
REGISTRATION FEE	120250.00	152775.00
TUITION FEE	5598844.00	5751809.00
TOTAL	7818530.00	11221222.00
EXAMINATION FEES FROM STUDENTS	Rs.	Rs.
COST OF CERTIFICATES	1294485.00	1441431.00
EXAMINATION FEE (ANNUAL/SEMESTER)	60629288.00	42917826.00
MARK SHEET FEE	98220.00	107350.00
TOTAL	62021993.00	44466607.00
OTHER FEES FROM STUDENTS	Rs.	Rs.
CONVOCATION FEE	11200.00	Nil
HOSTEL/GUEST HOUSE FEE OF STUDENTS	114870.00	254724.00
IDENTITY CARD CHARGES OF STUDENTS	331753.00	342568.00
MEDICAL FEE	85266.00	67754.00
MIGRATION FEE	279600.00	417800.00
MISCELLANEOUS FEES	4882487.00	4213117.00
SPORTS FEE	300000.00	979388.00
TOTAL	6005176.00	6274351.00
SALE OF FORMS/PROSPECTUS	Rs.	Rs.
COST OF FORMS	12884067.00	16484806.00
TOTAL	12884067.00	16484806.00
FEES FROM COLLEGES	Rs.	Rs.
AFFILIATION FEES FROM COLLEGES	189235.00	122000.00
TOTAL	189235.00	122000.00
SCHEDULE TOTAL	88919001.00	78568986.00


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Kumaun University


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Kumaun University

Schedule 12: Interest Earned


	2008-2009	2007-2008
INTEREST EARNED ON BANK SAVINGS/DEPOSITS	Rs.	Rs.
INTEREST ON GPF/CPF/NPS DEPOSITS	31299551.00	Nil
INTEREST ON SPONSORED PROJECTS-DEPOSIT	1484600.00	53758.00
INTEREST ON SV.A/C.S WITH BANKS-EAR.FUND	1634062.00	2984429.00
TOTAL	34418213.00	3038187.00

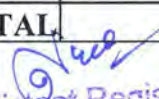
Schedule 13: Other/Miscellaneous Incomes

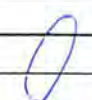
	2008-2009	2007-2008
OTHER/MISCELLANEOUS INCOMES	Rs.	Rs.
GUEST HOUSE CHARGES	290693.00	109247.00
REFUNDS FROM PRIOR PERIOD ADVANCES GIVEN	1020954.00	1770596.00
TOTAL	1311647.00	1879843.00

Schedule -15: Establishment Expenses

	2008-2009	2007-2008
ESTABLISHMENT EXPENSES (PLAN)	Rs.	Rs.
SALARY OF NON-TEACHING STAFF (PLAN)	1567686.00	1497954.00
TOTAL	1567686.00	1497954.00
ESTABLISHMENT EXPENSES (NON-PLAN)	Rs.	Rs.
BONUS (NON-PLAN)	672208.00	656222.00
HONORARIUM TO STAFF (NON-PLAN)	627373.00	771900.00
OVERTIME TO DRIVERS (NON-PLAN)	16770.00	15246.00
SALARY OF NON-TEACHING STAFF (NON-PLAN)	38183805.00	56037145.00
SALARY OF TEACHING STAFF (NON-PLAN)	94861975.00	72856336.00
SALARY OF TEMPORARY STAFF (NON-PLAN)	617151.00	472662.00
TOTAL	134979282.00	130809511.00
SCHEDULE TOTAL	136546968.00	132307465.00



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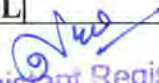

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 Nainital

Schedule -16: Academic Expenses

	2008-2009	2007-2008
FIELD WORK/PART.IN CONFERENCE EXP.(PLAN)	Rs.	Rs.
CONFERENCE PARTICIPATION EXP-TEACHERS(P)	676575.00	389087.00
TOTAL	676575.00	389087.00
SEMINAR/WORKSHOP EXPENSES (PLAN)	Rs.	Rs.
SEMINAR/WORKSHOP/SYMPOSIUM ETC. (PLAN)	705475.00	170000.00
TOTAL	705475.00	170000.00
RESEARCH ACTIVITIES EXPENSES (PLAN)	Rs.	Rs.
MZU/UGC RESEARCH FELLOWSHIP EXP. (PLAN)	2438610.00	284824.00
RAJIV GANDHI NATIONL FELLOWSHIP SCHME(P)	1296908.00	1697429.00
TOTAL	3735518.00	1982253.00
PUBLICATION EXPENSES (PLAN)	Rs.	Rs.
PUBLICATION EXPENSES (PLAN)	132866.00	84827.00
TOTAL	132866.00	84827.00
LABORATORY EXPENSES (NON-PLAN)	Rs.	Rs.
LABORATORY RUNNING EXP.-CONSUMABLE (NP)	1664529.00	1667575.00
TOTAL	1664529.00	1667575.00
SEMINAR/WORKSHOP EXPENSES (NON-PLAN)	Rs.	Rs.
SYMPOSIUM & SEMINAR (NON-PLAN)	705475.00	170000.00
TOTAL	705475.00	170000.00
EXAMINATION EXPENSES (NON-PLAN)	Rs.	Rs.
OTHER EXAMINATION EXPENSES (NON-PLAN)	4892526.00	6134154.00
PRINTING OF STATIONERY OF EXAM. (NP)	3550004.00	2138794.00
REMUNERATION TO EXAMINERS (NON-PLAN)	842579.00	11465570.00
TOTAL	16845109.00	19738518.00
STUDENT WELFARE EXPENSES FROM MZU (NP)	Rs.	Rs.
STUDENT WELFARE EXP.GRANT FOR SPORTS(NP)	487008.00	786306.00
STUDY TOUR [GENERAL STUDENTS] (NP)	43100.00	16500.00
TOTAL	530108.00	802806.00


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CONVOCAATION EXPENSES (NON-PLAN)	Rs.	Rs.
CONVOCAATION EXPENSES - REVENUE (NP)	979777.00	1708029.00
TOTAL	979777.00	1708029.00
ACADEMIC MEETING EXPENSES (NON-PLAN)	Rs.	Rs.
MEETING EXP. FOR OTHER ACADEMIC ACTI(NP)	1017590.00	666537.00
TOTAL	1017590.00	666537.00
SCHEDULE TOTAL	26993022.00	27379632.00

Schedule -17: Administrative Expenses

	2008-2009	2007-2008
ADMINISTRATIVE EXPENSES - OTHERS (PLAN)	Rs.	Rs.
TRAVEL GRANT (PLAN)	676575.00	389087.00
TOTAL	676575.00	389087.00
ADMINISTRATIVE EXP.-INFRASTRUCTURE (NP)	Rs.	Rs.
ELECTRICITY CHARGES (NON-PLAN)	733045.00	1497204.00
PETROL, OIL & LUBRICANTS (NON-PLAN)	407792.00	339568.00
WATER CHARGES (NON-PLAN)	768054.00	781980.00
TOTAL	1908891.00	2618752.00
ADMINISTRATIVE EXP.-COMMUNICATION (NP)	Rs.	Rs.
POSTAGE & TELEGRAM (NON-PLAN)	526976.00	661253.00
TELEPHONE CHARGES (NON-PLAN)	409613.00	442502.00
TOTAL	936589.00	1103755.00
ADMINISTRATIVE EXPENSES - OTHERS (NP)	Rs.	Rs.
ADVERTISEMENT & PUBLICITY (NON-PLAN)	1932239.00	1238230.00
CLEARING & FORWARDING AGENT CHARGES (NP)	375951.00	725058.00
COST OF MEDICINES (NON-PLAN)	525660.00	564663.00
LEGAL FEES/COURT FEES EXPENSES (NP)	134470.00	150453.00
MISCELLANEOUS ADMINISTRATIVE EXP. (NP)	1138333.00	Nil
NEWSPAPERS & PERIODICALS (NON-PLAN)	363916.00	300965.00
PRINTING CHARGES - NON PRICED (NON-PLAN)	197431.00	7844668.00
SPORT EXPENSES (NON-PLAN)	487008.00	786306.00
STATIONERY [CONSUMPTION] (NON-PLAN)	569997.00	549625.00

[Signature]
Internal Auditor
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NAINITAL

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Nainital (U.K.)

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Finance Officer
Kumaun University
Nainital

TA - MEMBERS OF SELECTION COMMITTEE(NP)	1017590.00	666537.00
TA - OTHERS [INTERNAL] (NON-PLAN)	306532.00	512548.00
WAGES [DAILY] (NON-PLAN)	617151.00	472662.00
TOTAL	27211947.00	13811715.00
SCHEDULE TOTAL	30734002.00	17923309.00

Schedule -18: Repairs & Maintenance

	2008-2009	2007-2008
	Rs.	Rs.
REPAIRS & MAINTENANCE (NON-PLAN)		
MAINTENANCE OF BLDG.- ESTATE MAINT. (NP)	3134141.00	3139220.00
MAINTENANCE OF VEHICLES (NON-PLAN)	140658.00	226288.00
TOTAL	3274799.00	3365508.00
SCHEDULE TOTAL	3274799.00	3365508.00

Schedule -19: Miscellaneous Expenses

	2008-2009	2007-2008
	Rs.	Rs.
MISCELLANEOUS EXPENSES		
ANNUAL MAINTENANCE CONTRACTS (THIS YEAR)	3134141.00	3139220.00
TOTAL	3134141.00	3139220.00

Schedule -20: Prior Period Expenses

	2008-2009	2007-2008
	Rs.	Rs.
PRIOR PERIOD EXPENSES (NON-PLAN)		
ADMINISTRATIVE EXPENSES-PRIOR PERIOD(NP)	38856013.00	Nil
REPAIR & MAINTENANCE - PRIOR PERIOD (NP)	3134141.00	Nil
TOTAL	41990154.00	Nil


[Signature]
Internal Auditor
Kumaun University

[Signature]
Assistant Registrar(A/c)
Kumaun University
Nainital (U.K.)

[Signature]
Finance Officer
Kumaun University
Nainital

Schedule -21: Depreciation

	2008-2009	2007-2008
DEPRECIATION	Rs.	Rs
DEPRECIATION	4199015.00	Nil
TOTAL	4199015.00	Nil


Internal Auditor
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NAINITAL


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Kumaun University
Nainital (U.K.)


Finance Officer
Kumaun University
Nainital

Schedule 8 – Grants/Subsidies (Irrevocable grants and Subsidies received)

Particulars	Amount in Rs.			
	Plan UGC Plan	Non-Plan	Current year Total	Previous Year Total
Opening balance (1.04.09)	23495704.00	–	2395704.00	18452124.00
Add: Receipts During the Year	29066350.00	–	43056535.00	43056535.00
Add: Interest on Investment	23543619.00		23543619.00	15577310.00
Total	67105673.00		67105673.00	72085969.00
Less: Utilised for Capital Expenditure(A)	4291147.00		4291147.00	7391893.00
Balance	71814526.00	–	71814526.00	64894076.00
Less: Utilised for Revenue Expenditure	11428792.00	–	11428792.00	41198372.00
Balance C/F as unutilized (C)	60385734.00	–	60385734.00	23495704.00


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 Kumaun University
 Nainital (U.K.)


 Financial Officer
 Kumaun University
 Nainital

Schedule -9: Academic Receipts

	2009-10	2008-09
ACADEMIC FEES FROM STUDENTS	Rs.	Rs.
ADMISSION FEE	104940.00	95400.00
ENROLLMENT FEE	1154659.00	757206.00
LABORATORY FEE	1255800.00	946800.00
LIBRARY FEE	398168.00	299630.00
REGISTRATION FEE	419595.00	120250.00
TUITION FEE	6888355.00	5598844.00
TOTAL	10221517.00	7818530.00
EXAMINATION FEES FROM STUDENTS	Rs.	Rs.
COST OF CERTIFICATES	1823443.00	1294485.00
EXAMINATION FEE (ANNUAL/SEMESTER)	111918357.00	60629288.000
MARK SHEET FEE	127660.00	98220.00
TOTAL	113869460.00	62021993.00
OTHER FEES FROM STUDENTS	Rs.	Rs.
CONVOCATION FEE		11200.00
HOSTEL/GUEST HOUSE FEE OF STUDENTS	116400.00	114870.00
IDENTITY CARD CHARGES OF STUDENTS	442731.00	331753.00
MEDICAL FEE		85266.00
MIGRATION FEE	556000.00	279600.00
MISCELLANEOUS FEES	4453744.00	4882487.00
SPORTS FEE	331500.00	300000.00
TOTAL	5900375.00	6005176.00
SALE OF FORMS/PROSPECTUS	Rs.	
COST OF FORMS	15646079.00	12884067.00
TOTAL	15646079.00	12884067.00
FEES FROM COLLEGES	Rs.	Rs.
AFFILIATION FEES FROM COLLEGES	3164575.00	189235.00
TOTAL	3164575.00	189235.00
SCHEDULE TOTAL	148802006.00	88919001.00

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Schedule -10: Income from Investment

Particulars	Investments from Earmarked/		Investment-Others	
	Current Year	Previous year	Current Year	Previous year
1) Interest				
a) On Govt. Securities			Nil	Nil
b) On Bonds/Debentures				
c) On Term Deposites				
2) Others	2880454.00	-		
Total	2880454.00	-	Nil	Nil
Transferred to Earmarked/		-		

Transferred to Income and Expenditure Account


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Schedule 12: Interest Earned

	2009-2010	2008-2009
	Rs.	Rs.
INTEREST EARNED ON BANK SAVINGS/DEPOSITS		
INTEREST ON SPONSORED PROJECT DEPOSIT	138708.00	1484600.00
INTEREST ON SV.A/C.S WITH BANKS-OTH.FUND	2880454.00	1634062.00
TOTAL	4239162.00	3118662.00


Schedule 13 : Other/Miscellaneous Income

	2009-2010	2008-2009
	Rs.	Rs.
OTHER/MISCELLANEOUS INCOMES		
GUEST HOUSE CHARGES	319762.00	290693.00
REFUND FROM PRIOR PERIOD ADVANCES GIVEN	230874.00	1020954.00
TOTAL	550636.00	1311647.00

Schedule -14: Establishment Expenses

	2009-2010	2008-2009
	Rs.	Rs.
ESTABLISHMENT EXPENSES (NON-PLAN)		
BONUS (NON-PLAN)	1216542.00	672208.00
HONORARIUM TO STAFF (NON-PLAN)	706960.00	627373.00
OVERTIME TO DRIVERS (NON-PLAN)	18447.00	16770.00
SALARY OF NON-TEACHING STAFF (NON-PLAN)	74690567.00	38183805.00
SALARY OF TEACHING STAFF (NON-PLAN)	152589137.00	94861975.00
SALARY OF TEMPORARY STAFF (NON-PLAN)	3371747.00	617151.00
TOTAL	229559400.00	134979282.00
SCHEDULE TOTAL	229559400.00	136546948.00


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Schedule -15: Academic Expenses

	2009-2010	2008-2009
FIELD WORK/PART.IN CONFERENCE EXP.(PLAN)	Rs.	Rs.
CONFERENCE PARTICIPATION EXP-TEACHERS(P)	236678.00	676575.000
TOTAL	236678.00	676575.000
SEMINAR/WORKSHOP EXPENSES (PLAN)	Rs.	Rs.
SEMINAR/WORKSHOP/SYMPOSIUM ETC. (PLAN)	297778.00	705475.00
TOTAL	297778.00	705475.00
RESEARCH ACTIVITIES EXPENSES (PLAN)	Rs.	Rs.
MZU/UGC RESEARCH FELLOWSHIP EXP. (PLAN)	526646.00	2438610.00
RAJIV GANDHI NATIONL FELLOWSHIP SCHME(P)	2787244.00	1296908.00
TOTAL	3313890.00	3735518.00
LABORATORY EXPENSES (NON-PLAN)	Rs.	Rs.
LABORATORY RUNNING EXPENSES (NON-PLAN)	1615526.00	1664529.00
TOTAL	1615526.00	1664529.00
EXAMINATION EXPENSES (NON-PLAN)	Rs.	Rs.
OTHER EXAMINATION EXPENSES (NON-PLAN)	11742347.00	4892526.00
PRINTING OF FORMS OF EXAM. (NP)	2825478.00	----
PRINTING OF STATIONERY OF EXAM-NON PLAN	3459410.00	3550004.00
REMUNERATION TO EXAMINERS (NON-PLAN)	19468492.00	842579.00
TA - EXAMINERS (NON-PLAN)	880683.00	----
TOTAL	38376410.00	16845109.00
STUDENT WELFARE EXPENSES FROM MZU (NP)	Rs.	Rs.
STUDY TOUR [GENERAL STUDENTS] (NP)	1424035.00	43100.00
TOTAL	1424035.00	43100.00
CONVOCATION EXPENSES (NON-PLAN)	Rs.	Rs.
CONVOCATION EXPENSES - REVENUE (NP)	72119.00	979777.00
TOTAL	72119.00	979777.00
ACADEMIC MEETING EXPENSES (NON-PLAN)	Rs.	Rs.
MEETING EXP. FOR BOARD OF PG STUDIES(NP)	733868.00	1017590.00
TOTAL	733868.00	1017590.00
SCHEDULE TOTAL	46070304.00	26993022.00

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Schedule -16: Administrative Expenses

ADMINISTRATIVE EXP.-INFRASTRUCTURE (NP)	Rs.	Rs.
ELECTRICITY CHARGES (NON-PLAN)	2209685.00	733045.00
PETROL, OIL & LUBRICANTS (NON-PLAN)	448160.00	407792.00
RENT, RATES & TAXES (NON-PLAN)	156915.00	----
WATER CHARGES (NON-PLAN)	619694.00	768054.00
TOTAL	3434454.00	1908891.00
ADMINISTRATIVE EXP.-COMMUNICATION (NP)	Rs.	Rs.
POSTAGE & TELEGRAM (NON-PLAN)	805411.00	526976.00
TELEPHONE CHARGES (NON-PLAN)	381108.00	409613.00
TOTAL	1186515.00	936589.00
ADMINISTRATIVE EXPENSES - OTHERS (NP)	Rs.	Rs.
ADVERTISEMENT & PUBLICITY (NON-PLAN)	1137937.00	1932239.00
CLEARING & FORWARDING AGENT CHARGES (NP)	904433.00	375951.00
COST OF MEDICINES (NON-PLAN)	534427.00	525660.00
LEGAL FEES/COURT FEES EXPENSES (NP)	134640.00	134470.00
MEETING EXPENSES[NON-ACADEMIC](NON-PLAN)	733868.00	----
MISCELLANEOUS ADMINISTRATIVE EXP. (NP)	1309082	1138333.00
NEWSPAPERS & PERIODICALS (NON-PLAN)	382111.00	363916.00
PRINTING CHARGES - NON PRICED (NON-PLAN)	892424.00	197431.00
SPORT EXPENSES (NON-PLAN)	695423.00	487008.00
STATIONERY [CONSUMPTION] (NON-PLAN)	662798.00	569997.00
TA - MEMBERS OF SELECTION COMMITTEE(NP)	733868.00	1017590.00
TA - OFFICIALS (NON-PLAN)	537327.00	306532.00
WAGES [DAILY] (NON-PLAN)	3371747.00	617151.00
TOTAL	20130085	27211947.00
SCHEDULE TOTAL	24751058.00	30734002.00


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Schedule -17: Repairs & Maintenance

REPAIRS & MAINTENANCE (NON-PLAN)	Rs.	Rs.
MAINTENANCE OF BLDG.-REPAIRS (NP)	3291952.00	3134141.00
MAINTENANCE OF EQUIPMENT (NON-PLAN)	112851.00	----
MAINTENANCE OF VEHICLES (NON-PLAN)	220883.00	140658.00
TOTAL	3625686.00	3274799.00
SCHEDULE TOTAL	3625686.00	3274799.00

Schedule -18: Miscellaneous Expenses

	2009-2010	2008-2009
MISCELLANEOUS EXPENSES	Rs.	Rs.
INTL. QUALITY ASSURANCE CELL MERGDSCEM	14700.00	----
MISCELLANEOUS EQUIPMENT	102509.00	----
TOTAL	117209.00	----

Schedule -19: Prior Period Expenses

PRIOR PERIOD EXPENSES (PLAN)	Rs.	Rs.
ACADEMIC EXPENSES - PRIOR PERIOD (PLAN)	10667620.00	----
ADMINISTRATIVE EXPENSES-PRIOR PERIOD (P)	2821005.00	----
MISCELLANEOUS EXPENSES -PRIOR PERIOD (P)	Nil	----
TOTAL	13488625.00	----
PRIOR PERIOD EXPENSES (NON-PLAN)	Rs.	Rs.
ADMINISTRATIVE EXPENSES-PRIOR PERIOD(NP)	75907109.00	38856013.00
ESTABLISHMENT EXPENSES-PRIOR PERIOD (NP)	Nil	----
MISCELLANEOUS EXPENSES -PRIOD PERIOD(NP)	251127846.00	----
REPAIR & MAINTENANCE - PRIOR PERIOD (NP)	3291952.00	3134141.00
TOTAL	330326907.00	41990154.00
SCHEDULE TOTAL	343815532.00	41990154.00

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SCHEDULE - 8 : GRANTS/SUBSIDIES (Irrevocable grants and Subsidies received)

Amount in `

Particulars	PlanUGC Plan	Non- PlanU	CurrentyearTotal	PreviousYearTotal
Opening Balance(1.04.10)	60385734.00		60385734.00	23495704.00
Add:ReceiptsDuringtheYear	12587189.00		12587189.00	29066350.00
Add:Adjustments				Nil
Add:Interest on Investment	38870.00		38870.00	23543619.00
TOTAL:	73011793.00		73011793.00	67105673.00
Less:UtilisedforCapitalExpenditure(A)	13004988.00		13004988.00	4291147.00
Balance	60006805.00		60006805.00	71814526.00
Less:UtilisedforRevenueExpenditure(B)	12571401.00		12571401.00	11428792.00
BalanceC/Fasunutilized(c):	47435404.00		47435404.00	60385734.00


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SCHEDULE 9 – ACADEMIC RECEIPTS		
PARTICULARS	2010-11	2009-10
	(₹)	(₹)
ACADEMIC FEES FROM STUDENTS		
ADMISSION FEE	192300.00	104940.00
ENROLLMENT FEE	788220.00	1154659.00
LABORATORY FEE	1283930.00	1255800.00
LIBRARY FEE	461260.00	398168.00
REGISTRATION FEE	304101.00	419595.00
TUITION FEE	7343561.00	6888355.00
TOTAL	10373372.00	10221517.00
EXAMINATION FEES FROM STUDENTS		
COST OF CERTIFICATES	3701300.00	182344300.0
EXAMINATION FEE (ANNUAL/SEMESTER)	77343388.00	111918357.00
MARK SHEET FEE	289265.00	127660.00
TOTAL	81333953.00	113869460.00


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PARTICULARS	2010-11	2009-10
	(₹)	(₹)
OTHER FEES FROM STUDENTS		
HOSTEL/GUEST HOUSE FEE OF STUDENTS	122400.00	116400.00
IDENTITY CARD CHARGES OF STUDENTS	355376.00	442731.00
MEDICAL FEE	76920.00	----
MIGRATION FEE	600740.00	556000.00
MISCELLANEOUS FEES	7874281.00	4453744.00
SPORTS FEE	574500.00	331500.00
TOTAL	11604217.00	5900375.00
SALE OF FORMS/PROSPECTUS		
COST OF FORMS	15629881.00	15646079.00
TOTAL	15629881.00	15646079.00
FEES FROM COLLEGES		
AFFILIATION FEES FROM COLLEGES	3740750.00	3164575.00
TOTAL	3740750.00	3164575.00
SCHEDULE TOTAL	122682173.00	148802006.00



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SCHEDULE - 10: INCOME FROM INVESTMENT

PARTICULARS	Investments from Earmarked/Endowment		Investment - Others	
	Current Year	Previous Year	Current Year	Previous Year
1) Interest	Nil			
a) On Govt. Securities				
b) On Bonds/Debentures				
c) On Term Deposits				
2) Others	2100775.00	Nil	Nil	Nil
Total	2100775.00	Nil	Nil	Nil
Transferred to Earmarked/Endowment				
Balance				
* Transferred to Income and Expenditure Accounts				



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SCHEDULE - 12: INTEREST EARNED

PARTICULARS	2010-11	2009-10
	()	()
INTEREST EARNED ON BANK SAVINGS/DEPOSITS		
INTEREST ON SPONSORED PROJECT DEPOSIT	150070.00	138708.00
INTEREST ON SV.A/C.S WITH BANKS-OTH.FUND	2100775.00	2880454.00
SCHEDULE TOTAL	2250845.00	4239162.00


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SCHEDULE - 13: OTHER/MISCELLENEOUS INCOME

PARTICULAR	2010-11	2009-10
	(₹)	(₹)
GUEST HOUSE CHARGES	325465.00	319762.00
IDENTITY CARD FEE FROM EMPLOYEES RECVD.	-	-
REFUND FROM PRIOR PERIOD ADVANCES GIVEN	365182.00	-
TOTAL	690647.00	319762.00

SCHEDULE - 14: ESTABLISHMENT EXPENSES

PARTICULARS	2010-11			2009-10 (₹)
	PLAN (₹)	NON-PLAN (₹)	TOTAL(₹)	
BONUS	44902.00	1354700.00		1216542.
SALARY OF NON-TEACHING STAFF	2685664.00	94495662.00		74690567.00
SALARY OF TEACHING STAFF	14594146.00	213520865.00		152589137.00
TOTAL	17324712.00	309371226.00		228496246.00
EMPLOYEES RETIREMENT & TERMINAL BENEFITS				----
SCHEDULE	17324712.00	309371226.00		228496246.00


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SCHEDULE - 15 : ACADEMIC EXPENSES

PARTICULARS	2010-11			2009-10 (₹)
	PLAN (₹)	NON-PLAN (₹)	TOTAL(₹)	
CONFERENCE PARTICIPATION EXP-	255612.00	-	-	236678.00
MZU/UGC RESEARCH FELLOWSHIP EXP.	574044.00	-	-	526646.00
LABORATORY RUNNING EXP.- CONSUMABLE	-	1728612.00	-	----
LABORATORY RUNNING EXPENSES	-	-	-	16155266.00
TEACHING AIDS & INSTRUCTION MATTER.	30,27,000	-	30,27,000.00	----
TEACHING AIDS – DEPARTMENT LECTURER	-	1,49,452.00	1,49,452.00	----
SEMINAR/WORKSHOP/SYMPOSIUM ETC.	315644.00	-	-	297778.00
PRINTING OF FORMS OF EXAM.	-	2927145.00	-	2825478.00
PRINTING OF STATIONERY OF EXAM-NON	-	3841275.00	-	3459410.00
REMUNERATION TO EXAMINERS	-	10651886.00	-	19468492.00
TA – EXAMINERS	-	1831189.00	-	880683.00
STUDY TOUR [GENERAL STUDENTS]	-	10325.00	-	1424035.00
CONVOCATION EXPENSES - REVENUE	-	1622553.00	-	72119.00


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SCHEDULE - 16 : ADMINISTRATIVE EXPENSES

PARTICULARS	2010-2011			2009-10 (₹)
	PLAN (₹)	NON-PLAN (₹)	TOTAL(₹)	
ACCOMODATION OF DIR. OFFICE -	-	-	-	----
ELECTRICITY CHARGES	-	2767163.00		2209685.00
INSURANCE OF VEHICLES	-	38132.00		----
PETROL, OIL & LUBRICANTS	-	671640.00		448160.00
RENT, RATES & TAXES		74235.00		156915.00
WATER CHARGES	-	595708.00		619694.00
ADVERTISEMENT & PUBLICITY		159350.00		1137937.00
AUDIT FEE / AUDITOR'S		843562.00		----
CLEARING & FORWARDING AGENT CHARGES		1074804.00		904433.00
CONTRACT LABOUR	-	901161.00		----
LEGAL & PROFESSIONAL CHARGES	-	46400.00	-	----
LEGAL FEES/COURT FEES EXPENSES	-	-	75,000.00	134640.00
LOCAL CONVEYANCE	-	-	35,190.00	----
MEETING EXP.-STEERING & MONITORING COMM	-	2011441.00	-	----
MEETING EXPENSES		-	-	733868.00
MISCELLANEOUS ADMINISTRATIVE EXP.	-	1505444.00	2,01,005.00	1309082.00
NEWSPAPERS & PERIODICALS	-	385212.00	4,20,498.00	382111
OTHER CHARGES/CONTINGENCIES		-	5,27,618.00	----
PRINTING CHARGES - NON PRICED		8318647.00	5,72,530.00	892424.00
PRINTING CHARGES - PRICED		-	-	----
STATIONERY [CONSUMPTION]		485595.00	7,89,371.00	662798.00
TA - JOINING			61,986.00	----

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TA - MEDICAL	-	-	5,48,494.00	----
TA - MEMBERS OF SELECTION COMMITTEE	-	2011441.00		733868.00
WAGES [DAILY]		901161.00		3371747.00
WORKSHOP/CONF/SEMINAR ETC - ASC	255612.00	-	48,993.00	----
INTERNET CONNECTIVITY CHARGES	-		54,631.00	----
POSTAGE & TELEGRAM	-	383080.00	1,56,554.00	----
TELEPHONE CHARGES	-	480176.00	9,14,005.00	381108.00
TELEPHONE CHARGES-ASC	-		-	----
CABLE TV RENT	-		26,800.00	----
COST OF MEDICINES	-	509605.00	9,91,070.00	----
PROFESSIONAL CHARGES	-		68,560.00	----
SPORT EXPENSES	-	519995.00	-	695423.00
TRAINING & SEMINAR CHARGES [ADM.]	-		9,520.00	----
TOTAL	1400912.00	50600432.00	3,79,22,76	14773893.00
MAINTENANCE OF BLDG.-REPAIRS		3820710.00		3291952.00
MAINTENANCE OF ELECTRICAL INSTALL		204849.00		112851.00
MAINTENANCE OF VEHICLES		226021.00		220883.00
SCHEDULE TOTAL		4251580.00		3625686.00


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SCHEDULE - 18: MISCELLANEOUS EXPENSES

PARTICULARS	2010-11			2009-10
	PLAN (₹)	NON-PLAN (₹)	TOTAL(₹)	
INTL. QUALITY ASSURANCE CELL MERGDSCHEM	176899.00			14700.00
MISCELLENOUS EQUIPMENT		877876.00		102509.00
SPORTS FACILITY IN UNIVER./COLLEGE(REV.)		519995.00	-	----
TOTAL	176899.00	1397871.00		117209.00


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SCHEDULE - 8 : GRANTS/SUBSIDIES (Irrevocable grants and Subsidies received)

Particulars	Plan		Non-Plan	Current year Total	Previous Year Total
	Govt	UGC	UGC		
Opening Balance(01.04.2011)	-	4,74,35,404	-	4,74,35,404	6,03,85,734
Add:ReceiptsDuringtheYear	-	3,763,64,427	-	3,763,64,427	1,25,87,189
Add:Adjustments	-	-	-	-	
Add:InterestonInvestment	-	-	-	-	38,870
TOTAL:	-	8,37,99,831	-	8,37,99,831	7,30,11,793
Less:UtilisedforCapitalExpenditure(A)	-	3,31,79,289	-	3,31,79,289	1,30,04,988
	MZU PUC				
Balance		5,06,20,542	-	5,06,20,542	6,00,06,805
Less:UtilisedforRevenueExpenditure(B)	-	1,89,58,426	-	1,89,58,426	1,25,71,401
	MZU PUC				
BalanceC/Fasunutilized (c):	-	3,16,62,116	-	3,16,62,116	4,74,35,404


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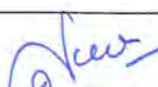
SCHEDULE 9 – ACADEMIC RECEIPTS


PARTICULARS	2011-12 (₹)	2010-11 (₹)
ACADEMIC FEES FROM STUDENTS		
ADMISSION FEE	1,79,150.00	192300.00
ENROLLMENT FEE	12,33,880.00	788220.00
LABORATORY FEE	13,07,030.00	1283930.00
LIBRARY FEE	4,23,062.00	461260.00
REGISTRATION FEE	2,97,753.00	304101.00
TUITION FEE	66,81,180.00	7443561.00
TOTAL	88,88,175.00	10373372.00

EXAMINATION FEES FROM STUDENTS		
COST OF CERTIFICATES	26,00,835.00	3701300.00
EXAMINATION FEE (ANNUAL/SEMESTER)	20,60,85,041.00	77343388.00
MARK SHEET FEE	7,80,509.00	289265.00
TOTAL	20,94,66,385.00	81333953.00

PARTICULARS	2011-12 (₹)	2010-11 (₹)
HOSTEL/GUEST HOUSE FEE OF STUDENTS	1,34,000.00	122400.00
IDENTITY CARD CHARGES OF STUDENTS	4,71,595.00	355376.00
MEDICAL FEE	1,66,480.00	76920.00
MIGRATION FEE	4,62,850.00	600740.00
MISCELLANEOUS FEES	1,04,90,803.00	7874281.00
SPORTS FEE	5,00,000.00	574500.00
TOTAL	1,22,25,728.00	11604217.00
SALE OF FORMS/PROSPECTUS		
COST OF FORMS	41,27,966.00	15629881.00
TOTAL	41,27,966.00	15629881.00
FEES FROM COLLEGES		
AFFILIATION FEES FROM COLLEGES	53,39,000.00	3740750.00
TOTAL	53,39,000.00	3740750.00
SCHEDULE TOTAL	24,00,47,254.00	122682173.00


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SCHEDULE - 10: INCOME FROM INVESTMENTS

PARTICULARS	Investments from Earmarked/Endowment Funds		Investment - Others	
	Current Year	Previous Year	Current Year	Previous Year
1) Interest				
a) On Govt. Securities				nil
b) On Bonds/Debentures				
c) On Term Deposits				
2) Others	18,79,196.00	nil	nil	nil
Transferred to Earmarked/Endowment				nil
Balance				

* Transferred to Income and Expenditure Account.



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SCHEDULE - 12: INTEREST EARNED

PARTICULARS	2011-12 (₹)	2010-11 (₹)
INTEREST EARNED ON BANK SAVINGS/DEPOSITS		
INTEREST ON SPONSORED PROJECT DEPOSIT	2,30,945.00	150070.00
INTEREST ON SV.A/C.S WITH BANKS-OTH.FUND	18,79,196.00	2880454.00
SCHEDULE TOTAL	21,10,141.00	3030524.00



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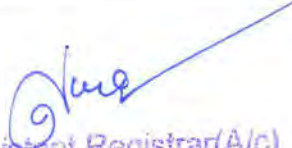

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SCHEDULE - 14: ESTABLISHMENT EXPENSES

PARTICULARS	2011-12			2010-11 ()
	PLAN ()	NON-PLAN ()	TOTAL ()	
BONUS	44,902.00	11,53,956.00		1399602.
SALARY OF NON-TEACHING STAFF	37,20,213.00	10,77,50,153.00		97181326.00
SALARY OF TEACHING STAFF	3,92,17,679.00	27,58,14,366.00		228115011.00
SALARY OF TEMPORARY STAFF	-	8,62,066.00		----
TOTAL	4,29,82,794.00	38,55,80,541.00		326695939.00
SCHEDULE TOTAL	4,29,82,794.00	38,55,80,541.00		326695939.00



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SCHEDULE - 15 : ACADEMIC EXPENSES

PARTICULARS	2011-			2010-11 (₹)
	PLAN (₹)	NON-PLAN (₹)	TOTAL(₹)	
MZU/UGC RESEARCH FELLOWSHIP EXP.	18,84,746.00	-		574044.00
RAJIV GANDHI NATIONAL FELLOWSHIP	24,93,780.00	-		----
LABORATORY RUNNING EXP.-	-	17,01,086.00		1728612.00
SEMINAR/WORKSHOP/SYMPOSIUM ETC.	2,86,719.00	-		315644.00
OTHER EXAMINATION EXPENSES	-	1,84,19,614.00		----
PRINTING OF FORMS OF EXAM.	-	29,45,476.00		2927145.00
PRINTING OF STATIONERY OF EXAM-NON	-	51,05,753.00		3841275.00
REMUNERATION TO EXAMINERS	-	85,93,230.00		10651886.00
TA – EXAMINERS	-	13,13,999.00		1831189.00.
MEETING EXP. FOR OTHER ACADEMIC	-	12,14,631.00		----
TOTAL	46,65,245.00			21869795.00
ACADEMIC EXPENSES – PUC	-	-		----
SCHEDULE TOTAL	46,65,245.00	39293789.00		21869795.00



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SCHEDULE - 16 : ADMINISTRATIVE EXPENSES

PARTICULARS	2011-12			2010-11 (₹)
	PLAN (₹)	NON-PLAN (₹)	TOTAL(₹)	
BANK CHARGES – ASC	-	-		-
ELECTRICITY CHARGES	-	26,33,848.00		2767163.00
PETROL, OIL & LUBRICANTS	-	8,94,161.00		671640.00
RENT, RATES & TAXES	-	1,70,383.00		74235.00
WATER CHARGES	-	6,76,955.00		595708.00
ADVERTISEMENT & PUBLICITY	-	12,39,264.00		1593502.00
LEGAL FEES/COURT FEES EXPENSES	-	6,81,729.00		46400.00
MEETING EXPENSES	-	12,14,631.00		2011441.00
MISCELLANEOUS ADMINISTRATIVE EXP.	-	----		1505444.00
NEWSPAPERS & PERIODICALS	-	3,90,383.00		385212.00
PRINTING CHARGES - NON PRICED	-	1,18,29,687.00		8318647.00
STATIONERY [CONSUMPTION]	-	9,23,196.00		485595.00
TA – OTHERS [INTERNAL]	-	15,44,103.00		1869343.00
WAGES [DAILY]	-	8,62,066.00		901161.00
POSTAGE & TELEGRAM	-	9,10,661.00		383080.00
TELEPHONE CHARGES	-	4,06,375.00		480176.00
COST OF MEDICINES	-	5,18,035.00		509605.00
SPORT EXPENSES	-	8,65,732.00		519995.00
TOTAL	-	2,57,61,209.00		23118347.00
SCHEDULE TOTAL	-	2,57,61,209.00		23118347.00


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SCHEDULE 17 : REPAIRS & MAINTENANCE

PARTICULARS	2011-12			2010-11 ()
	PLAN ()	NON-PLAN ()	TOTAL()	
MAINTENANCE OF BLDG.-REPAIRS	-	30,49,144.00		3820710.00
MAINTENANCE OF EQUIPMENT	-	1,18,992.00		204849.00
MAINTENANCE OF VEHICLES	-	5,01,358.00		226021.00
TOTAL	-	36,69,494.00		4251580.00
SCHEDULE TOTAL	-	36,69,494.00		4251580.00

SCHEDULE - 18: MISCELLANEOUS EXPENSES

PARTICULARS	2011-12			2010-11 ()
	PLAN ()	NON-PLAN ()	TOTAL()	
INTL. QUALITY ASSURANCE CELL	1,11,045.00	-		
MISCELLENOUS EQUIPMENT	-	4,83,342.00		176899.00
TOTAL	1,11,045.00	4,83,342.00		877876.00
SCHEDULE	1,11,045.00	4,83,342.00		1054775.00


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