

National Education Policy-2020

**Common Minimum Syllabus for Uttarakhand State
Universities and Colleges**

SYLLABUS

For

Skill Enhancement Courses (SEC)

2025

DEPARTMENT OF ECONOMICS

SYLLABUS DRAFTING COMMITTEE

S.N.	NAME	DESIGNATION	DEPARTMENT	AFFILIATION
1	Dr. Padam S. Bisht* (Head and Convenor)	Professor	Economics	Kumaun University, Nainital
2	Dr. Rajnish Pande** (Head and Convenor)	Professor	Economics	Kumaun University, Nainital
3	Dr. H.C. Joshi (Head and Convenor)	Professor	Economics	S.S.J.University, Almora
4	Dr. Pushpanjali Arya (Head and Convenor)	Professor	Economics	Sri Dev Suman University, Rishikesh
5	Dr. Nandan S. Bisht	Assistant Professor	Economics	Kumaun University, Nainital
6	Dr. Jitendra K. Lohani	Assistant Professor	Economics	Kumaun University, Nainital
7	Dr. Daleep Kumar	Assistant Professor	Economics	Kumaun University, Nainital
8	Dr. Richa Ginwal	Assistant Professor	Economics	Kumaun University, Nainital
9	Dr. Preeti Chandra	Assistant Professor	Economics	Kumaun University, Nainital
10	Dr. Amit Melkani	Assistant Professor	Economics	Kumaun University, Nainital
11	Dr. Ramesh	Assistant Professor	Economics	Kumaun University, Nainital

*Prof. Padam S. Bisht retired as Head and Convenor on 28 February 2025.

**Prof. Rajnish Pande took charge as Head and Convenor on 01 March 2025.

SYLLABUS REVIEW COMMITTEE

EXTERNAL EXPERT

S.N.	NAME	DESIGNATION	DEPARTMENT	AFFILIATION
1.	Dr. Indrani Roy Chowdhury	Professor	Economics	JNU, New Delhi
2.	Dr. Saumen Chattopadhyay	Professor	Economics	JNU, New Delhi
3.	Dr. Surender Kumar	Professor	Economics	University of Delhi, New Delhi
4.	Dr. Narender Thakur	Professor	Economics	University of Delhi, New Delhi
5.	Dr. Nidhi Sharma	Professor	Economics	Banaras Hindu University, Varanasi
6.	Dr. G.S. Mehta	Professor (Retd.)	Economics	GIDS, Lucknow
7.	Dr. S.N. Chaturvedi	Professor (Retd.)	Economics	Kashi Vidyapeeth, Varanasi
8.	Dr. Akhilesh K. Sharma	Assistant Professor	Economics	ISID, New Delhi
9.	Dr. Shailendra K. Singh	Assistant Professor	Economics	Nodal NEP-PMU
10.	Dr. Partha Banerjee	Sr. Specialist Consultant	ADB	ADB

INTERNAL EXPERT

S.N.	NAME	DESIGNATION	DEPARTMENT	AFFILIATION
1.	Dr. Padam S. Bisht* (Head and Convenor)	Professor	Economics	Kumaun University, Nainital
2.	Dr. Rajnish Pande** (Head and Convenor)	Professor	Economics	Kumaun University, Nainital
3.	Dr. H.C. Joshi (Head and Convenor)	Professor	Economics	S.S.J.University, Almora
4.	Dr. Pushpanjali Arya (Head and Convenor)	Professor	Economics	Sri Dev Suman University, Rishikesh

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List of Papers (SEC) with Semester Wise Titles in “Economics”					
Year	Semester	Course	Paper Title	Theory/Practical	Credits
Undergraduate Certificate in Economics					
FIRST YEAR	I	SEC	Regional Economics and Urbanization in Uttarakhand	Theory/Practical	2
	II	SEC	Environmental Economics	Theory/Practical	2
Undergraduate Diploma in Economics					
SECOND YEAR	III	SEC	Entrepreneurship Development Skills	Theory/Practical	2
	IV	SEC	Fundamentals of Startups	Theory/Practical	2

Abbreviations-

SEC-Skill Enhancement Course

Mode of Evaluation-

Internal evaluation will be based on Assignment + Presentation

Semester I
Undergraduate Certificate in Economics

SKILL ENHANCEMENT COURSE (SEC) - Regional Economics and Urbanization in Uttarakhand

No. of Hours-30

CREDIT DISTRIBUTION, ELIGIBILITY, PRE-REQUISITES OF THE COURSE

Course Title	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-requisites of the course (if any)
		Lecture	Tutorial	Practical/Practice		
SEC: Regional Economics and Urbanization in Uttarakhand	2	2	0	0	Passed class XII	Nil

Undergraduate Certificate in Economics		
Programme : Undergraduate Certificate in Economics	Year 1	Semester I Paper 3
Subject: Economics		
Course Code : ECOSEC101	Course Title: Regional Economics and Urbanization in Uttarakhand	
<p>Course Outcomes: The course will help to:</p> <ul style="list-style-type: none"> • To understand the fundamental concepts and significance of regional economics and urbanization. • To analyze economic disparities and variations between plain and hill regions of Uttarakhand. • To examine the economic structure of Uttarakhand, including key sectors and industries. • To explore sustainability and environmental issues related to urbanization and regional development. 		
Credits : 2		Skill Enhancement Course
Unit	Topic	No. of Hours
I	<p>Regional Economics and Urbanization Issues Concept, Scope, and Significance of Regional Economics. Fundamentals of Regional Economic Disparities. Economic Variations Across Plain and Hill Regions of Uttarakhand. Understanding Urban Locations: Definition, Growth, and Theories (Central Place Theory, Core-Periphery Theory, Location Theory). Migration Patterns. Sustainability and Environmental Issues (Congestion and Carrying Capacity, Land Use and Land Cover Change, Diversion of Forest Land for Tourism and Urbanization, Water Scarcity and Solid Waste Management)</p>	10

II	Economic Landscape, livelihood and Opportunities in Uttarakhand Sectoral Composition in Uttarakhand: Agriculture, Industry, and Services. Role of Key industries in Uttarakhand: Tourism, Hydropower, and Traditional Industries. Entrepreneurial landscape in Uttarakhand. Rural Economy and Agricultural Challenges in Uttarakhand. Cottage Industries and Local Entrepreneurship in Uttarakhand. Urbanisation and Economic growth in Uttarakhand. Understanding Demographic Trends in Uttarakhand.	11
III	The student will prepare a field visit report on any one of the topics: - Regional Economics, Urbanization Issues, Economic Landscape, livelihood and Opportunities in Uttarakhand as an assignment and will submit the report to the concerned teacher.	09

Essential Reading:

1. K. J. Button: Urban Economics- Theory and Policy
2. Werner Hirsch: Urban Economy Analysis, Tata McGraw Hill, New Delhi
3. R.H. Dholakia: Regional Disparity in Economic Growth, Himalaya Publishing House
4. M.C. Chand and V.K. Puri: Regional Planning in India, S. Chand Publication
5. Dr. Kanchan Datta “Regional Economic Development” Abhijeet Publication
6. Lohani, Jitendra Kumar, Rajnish Pande, Sarika Verma; Economy of Uttarakhand; Indu Book Services New Delhi.
7. लोहनी, जतेंद्र कुमार और पदम एस. भिष्ट: उत्तराखंड की अर्थव्यवस्था, कुनाल बुक्स, नई दिल्ली।

Recommended/Additional Reading:

1. Hoover, E.M. (1975): An Introduction to Regional Economics, Alfred A. Knopf, New York.
2. Mckee, D.L. et. al. (eds.) (1970): Regional Economics, Theory and Practice, Free Press, New York.
3. Dean, R.D. et. al. (1970): Regional Economics, Theory, Free press, New York.
4. Bhadouria, B.P.S. (1986): Regional Economic Development: Theory and Policy, Anmol Publications, New Delhi.
5. Pandey, P.C., D.C. Pandey, P.S. Bisht, Rajnish Pande: Economy of Uttaranchal Profile and Dynamics of Change, co-ed. Anamika Publishers & Distributors Pvt. Ltd. New Delhi.
6. Pandey, R.K., Rajnish Pande & Padam S. Bisht: Economy of Uttaranchal - Profile and Dynamics of Change, co-ed., Anamika Publishers & Distributers (P) Ltd., New Delhi.

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Semester II
Undergraduate Certificate in Economics

SKILL ENHANCEMENT COURSE (SEC) – Environmental Economics

No. of Hours-30

CREDIT DISTRIBUTION, ELIGIBILITY, PRE-REQUISITES OF THE COURSE

Course Title	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-requisites of the course (if any)
		Lecture	Tutorial	Practical/Practice		
SEC: Environmental Economics	2	2	0	0	Passed Class XII	Nil

Undergraduate Certificate in Economics		
Programme: Undergraduate Certificate in Economics	Year 1	Semester II Paper 3
Subject: Economics		
Course Code: ECOSEC201	Course Title: Environmental Economics	
Course Outcomes: The students will be able to		
1. Understand the fundamental concepts of environmental economics 2. Analyze the economic causes and consequences of environmental degradation in Uttarakhand. 3. Evaluate the effectiveness of different policy instruments for environmental protection in the state.		
Credits : 02		Skill Enhancement Course
Unit	Topic	No. of Hours
I	Environmental Economics: Definition and Scope. Economy-Environment Inter-linkages, Ecosystem Services. Economic concepts relevant to environmental issues (opportunity cost, Externality: Pigovian tax, Coase theorem, public goods). Instruments of Environmental Regulation (Emission Tax, Emission Quota, Tradable Permits), Economic Growth & Sustainable Development, Economics of Biodiversity, Economics of Renewable Energy, Economics of Climate change	12
II	Sustainable development in Uttarakhand: Renewable Energy, Eco-tourism, Organic Farming. Climate Change Impact and Adaptation Strategies in Uttarakhand. Economic Benefits of Sustainable Development Practices in Uttarakhand Environmental Degradation in Uttarakhand: Deforestation, Soil erosion, Water Pollution. Economic Impact of Environmental	13

	Degradation in Uttarakhand: Loss of Biodiversity, Decreased Agricultural Productivity.	
III	The student will prepare a field visit report on any topic related to local environmental issues and sustainable development as an assignment and will submit the report to the concerned teacher.	05

Essential Reading:

1. **Field, B. C., & Field, M. K. (2017).** *Environmental Economics: An Introduction*. McGraw-Hill Education.
2. **Hanley, N., Shogren, J. F., & White, B. (2019).** *Introduction to Environmental Economics*. Oxford University Press.
3. Thadani, R, Singh, V, Chauhan, D.S, Dwivedi, V. (2015) *Climate Change in Uttarakhand: Current State of Knowledge and Way Forward* . Vedam eBooks (P) Ltd

Recommended/Additional Reading:

1. **Bhattacharya, R. N. (2019).** *Environmental Economics: An Indian Perspective*. Oxford University Press.
2. **Sharma, S. D. (2012).** *Environmental Economics and Sustainable Development*. Ane Books.
3. **Kumar, P. (Ed.). (2017).** *The Economics of Ecosystems and Biodiversity in India*. Earthscan.
4. **Tietenberg, T., & Lewis, L. (2018).** *Environmental & Natural Resource Economics*. Pearson Education.
5. **Pearce, D. W., & Turner, R. K. (1990).** *Economics of Natural Resources and the Environment*. Johns Hopkins University Press.
6. **Dasgupta, P. (2001).** *Human Well-Being and the Natural Environment*. Oxford University Press.

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Semester III
Undergraduate Diploma in Economics

SKILL ENHANCEMENT COURSE (SEC) – Entrepreneurship Development Skills

No. of Hours-30

CREDIT DISTRIBUTION, ELIGIBILITY, PRE-REQUISITES OF THE COURSE

Course Title	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-requisites of the course (if any)
		Lecture	Tutorial	Practical/Practice		
SEC: Entrepreneurship Development Skills	2	2	0	0	Passed Undergraduate Certificate	Nil

Undergraduate Diploma in Economics		
Programme: Undergraduate Diploma in Economics		Year 2 Semester III Paper 4
Subject : Economics		
Course Code: ECOSEC301	Course Title: Entrepreneurship Development Skills	
Course Outcomes:		
<ul style="list-style-type: none"> • Students will be able to gain comprehensive knowledge of entrepreneurship, enabling them to understand and engage effectively in entrepreneurial endeavors. • Students will develop practical knowledge of entrepreneurial registration, government schemes, SHGs, and GI-tagged products, enabling them to explore business opportunities in the region. 		
Credits : 2 Credits		Skill Enhancement Course
Unit	Topics	No. of Hours
I	Entrepreneurship: Characteristics, functions, types. Types of Business Structure: Sole Proprietorship, Partnership, Limited Liability Partnership, Corporation, Non-Profit Organization, Self Help Groups, Cooperative and Franchise. Seven Resources: Money, Manpower, Materials, Machinery, Methods, Market, Mentorship. Entrepreneurship Planning: Family and Non-Family Entrepreneurs. Women Entrepreneurship.	15

II	Registration Process for entrepreneurs in Uttarakhand: Registration of MSMEs, District Industrial Centre (DIC), Uttarakhand Khadi and Village Industries Board. Schemes of Government in promoting entrepreneurship development in Uttarakhand, Entrepreneurship through Self Help Groups in Uttarakhand. Introduction to the Geographical Indication Tag (GI Tag) and GI Products of Uttarakhand.	10
III	The student will prepare a case study on a local entrepreneur as an assignment and submit it to the concerned teacher.	05

Essential Reading:

1. Director of Industries: A guide to small scale entrepreneurs.
2. Baunbuck C.M. and Manusco. R – Entrepreneurship and Venture Management.
3. Bhatia, R.C. Entrepreneurship Business and Management
4. Kathleen R Allen, Launching New Ventures, An Entrepreneurial Approach, Cengage Learning.
5. Anjan Raichaudhuri, Managing New Ventures Concepts and Cases, Prentice Hall International.
6. S. R. Bhowmik & M. Bhowmik, Entrepreneurship, New Age International.

Recommended/Additional Reading:

1. Steven Fisher, Ja-nae' Duane, The Startup Equation -A Visual Guidebook for Building Your Startup, Indian Edition, Mc Graw Hill Education India Pvt. Ltd.
2. Byrd Megginson, Small Business Management An Entrepreneur's Guidebook, 7th ed., McGrawHill
3. A Fayolle Entrepreneurship and new value creation, Cambridge, Cambridge University Press
4. S.S. Khanka , Entrepreneurial Development, S.Chand
5. Recent Budget of Uttarakhand
6. Recent Uttarakhand Statistical Diary

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Semester IV

Undergraduate Diploma in Economics

SKILL ENHANCEMENT COURSE (SEC) – Fundamentals of Startups

No. of Hours-30

CREDIT DISTRIBUTION, ELIGIBILITY, PRE-REQUISITES OF THE COURSE

Course Title	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-requisites of the course (if any)
		Lecture	Tutorial	Practical/Practice		
SEC: Fundamentals of Startups	2	2	0	0	Passed Undergraduate Certificate	Nil

Undergraduate Diploma in Economics		
Programme : Undergraduate Diploma in Economics	Year 2	Semester 4 Paper IV
Subject : Economics		
Course Code: ECOSEC401	Course Title: Fundamentals of Startups	
Course Outcomes:		
<ul style="list-style-type: none"> Students will be able to gain thorough knowledge of startups, with some case studies of successful startups in the Indian context. They will gain practical knowledge of Uttarakhand's startup policies, registration process, and government programs like UDYAM and SAKSHAM, enabling them to explore entrepreneurial opportunities. 		
Credits : 2 Credits		Skill Enhancement Course
Unit	Topics	No. of Hours
I	Startups: Introduction, Definition, Types, Different forms of Startups, Procedure of Formation, Sources of Funds, Venture Capital Funding. Incubation: Concept, activities at incubation center, Failures and dealing with failures in startup.	15
II	Recent Uttarakhand Startup policy. Registration for startup in Uttarakhand, Startup portal in Uttarakhand, Pre-incubation Program: UDYAM, Incubation Program: SAKSHAM.	10
III	The student will prepare a case study on a local start-up as an assignment and submit the report to the concerned teacher.	05

Essential Reading:

1. Kathleen R Allen, *Launching New Ventures, An Entrepreneurial Approach*, Cengage Learning.
2. Anjan Raichaudhuri, *Managing New Ventures Concepts and Cases*, Prentice Hall International.
3. Steven Fisher, Ja-nae' Duane, *The Startup Equation -A Visual Guidebook for Building Your Startup*, Indian Edition, Mc Graw Hill Education India Pvt. Ltd.
4. Byrd Megginson, *Small Business Management An Entrepreneur's Guidebook*, 7th ed., McGrawHill

Recommended/Additional Reading:

1. A Fayolle *Entrepreneurship and new value creation*, Cambridge, Cambridge University Press
2. Ries, E. (2011). *The Lean Startup*. Crown Publishing.
3. Blank, S., & Dorf, B. (2020). *The Startup Owner's Manual*. Wiley.
4. Osterwalder, A., & Pigneur, Y. (2010). *Business Model Generation*. Wiley
5. Goyal, P. (2021). *Indian Startups and Their Success Stories*. Rupa Publications.
6. Government reports and guidelines on **Startup India** initiative.

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