Scheme for UG Syllabus

Annual System

(Effective from 2018-19)

Under

CHOICE BASED CREDIT SYSTEM (CBCS)

In

Bachelor of Science Physical Science
(Physics, Chemistry and Mathematics)
And
Bachelor of Science with Physics

Department of Physics
Himachal Pradesh University
Shimla-5

3rd Year

Part A - RENEWABLE ENERGY AND ENERGY HARVESTING - SEC4

Name of the Course	**PHYSICS-SEC4: RENEWABLE ENERGY AND ENERGY HARVESTING** **(Credits: Theory-03)** **Theory: 30 Lectures**
Code	PHYS310TH
Yearly Based Examination	**50 marks (3 Hrs)**
Continuous Comprehensive Assessment (CCA)	**30 marks**
CCA: Based on Midterm Exam, Class Test/Seminar/Assignments/Quiz and Attendance: **CCA Theory:** Midterm Exam = **10 marks,** Class Test/Seminar/Assignments/Quiz = **05 marks,** Attendance Theory **= 05 marks. CCA Skill**: Project File or Dissertation Record + Seminar = **5+5 marks.**	

Part B - RENEWABLE ENERGY AND ENERGY HARVESTING SKILL EXAM – SEC4

Name of the Course	**PHYSICS-SEC4: RENEWABLE ENERGY AND ENERGY HARVESTING SKILL EXAM** **(Credits: -01)**
Maintain Project file or Dissertation to check Analytic skill/Problem solving in skill exam.	
Code	PHYS310SE
Yearly Based Skill Examination	**20 marks (3 Hrs)**
Distribution of Marks: Hands on Skill Test = **15 Marks**, Viva Voce = **5 Marks**.	

PHYSICS-SEC4: RENEWABLE ENERGY AND ENERGY HARVESTING SKILL EXAM

- **Skill based Project or Dissertation work on any topic of syllabus mentioned under Renewable Energy and Energy Harvesting (PHYS310TH) for Analytical skill/ Problem solving.**

Instructions for Paper Setters and Candidates:

1. *Examiner will set seven questions in all covering the entire syllabus each of 10 marks ,*
2. *The candidate will be required to attempt five questions in all. The duration of the examination will be 3 hours.*

The aim of this course is not just to impart theoretical knowledge to the students but to provide them with exposure and hands-on learning wherever possible

Fossil fuels and Alternate Sources of energy: Fossil fuels and Nuclear Energy, their limitation, need of renewable energy, non-conventional energy sources. An overview of developments in

Offshore Wind Energy, Tidal Energy, Wave energy systems, Ocean Thermal Energy Conversion, solar energy, biomass, biochemical conversion, biogas generation, geothermal energy tidal energy, Hydroelectricity.

(3 Lectures)

Solar energy: Solar energy, its importance, storage of solar energy, solar pond, non convective solar pond, applications of solar pond and solar energy, solar water heater, flat plate collector, solar distillation, solar cooker, solar green houses, solar cell, absorption air conditioning. Need and characteristics of photovoltaic (PV) systems, PV models and equivalent circuits, and sun tracking systems.

(6 Lectures)

Wind Energy harvesting: Fundamentals of Wind energy, Wind Turbines and different electrical machines in wind turbines, Power electronic interfaces, and grid interconnection topologies.

(3 Lectures)

Ocean Energy: Ocean Energy Potential against Wind and Solar, Wave Characteristics and Statistics, Wave Energy Devices. Tide characteristics and Statistics, Tide Energy Technologies, Ocean Thermal Energy, Osmotic Power, Ocean Bio-mass.
Geothermal Energy: Geothermal Resources, Geothermal Technologies.

(7 Lectures)

Hydro Energy: Hydropower resources, hydropower technologies, environmental impact of hydro power sources.

(2 Lectures)

Piezoelectric Energy harvesting: Introduction, Physics and characteristics of piezoelectric effect, materials and mathematical description of piezoelectricity, Piezoelectric parameters and modeling piezoelectric generators, Piezoelectric energy harvesting applications, Human power

(4 Lectures)

Electromagnetic Energy Harvesting: Linear generators, physics mathematical models, recent applications, Carbon captured technologies, cell, batteries, power consumption, Environmental issues and Renewable sources of energy, sustainability.

(5 Lectures)

Demonstrations and Experiments

1. Demonstration of Training modules on Solar energy, wind energy, etc.
2. Conversion of vibration to voltage using piezoelectric materials
3. Conversion of thermal energy into voltage using thermoelectric modules.

Reference Books:

- Non-conventional energy sources - G.D Rai - Khanna Publishers, New Delhi
- Solar energy - M P Agarwal - S Chand and Co. Ltd.
- Solar energy - Suhas P Sukhative Tata McGraw - Hill Publishing Company Ltd.
- Godfrey Boyle, “Renewable Energy, Power for a sustainable future”, 2004, Oxford University Press, in association with The Open University.
- Dr. P Jayakumar, Solar Energy: Resource Assesment Handbook, 2009
- J.Balfour, M.Shaw and S. Jarosek, Photovoltaics, Lawrence J Goodrich (USA).
- http://en.wikipedia.org/wiki/Renewable_energy

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In

Bachelor of Science Physical Science
(Physics, Chemistry and Mathematics)
And
Bachelor of Science with Chemistry

Department of Chemistry
Himachal Pradesh University
Shimla-5

Essential oils and their importance in cosmetic industries with reference to Eugenol, Geraniol, sandalwood oil, eucalyptus, rose oil, 2-phenyl ethyl alcohol, Jasmone, Civetone, Muscone. (12 Hours)

Reference Books:

1. E. Stocchi: Industrial Chemistry, Vol -I, Ellis Horwood Ltd. UK.
2. P.C. Jain, M. Jain: Engineering Chemistry, Dhanpat Rai & Sons, Delhi.
3. Sharma, B.K. & Gaur, H. Industrial Chemistry, Goel Publishing House, Meerut (1996).
4. Stocchi, E. Industrial Chemistry, Vol-I, Ellis Horwood Ltd. UK (1990). 2.
5. Jain, P.C. & Jain, M. Engineering Chemistry Dhanpat Rai & Sons, Delhi.
6. Sharma, B.K. & Gaur, H. Industrial Chemistry, Goel Publishing House, Meerut (1996).

CHEM 307
CHEMICAL TECHNOLOGY & SOCIETY and BUSINESS SKILLS FOR CHEMISTRY

Max. Marks: 70 **Time allowed: 03 Hours**
Credits: 4

Note for Examiners and Students:

1. *The question paper will consist of five sections A, B, C, D and E. Section E will be compulsory. Examiner will set nine questions in all, selecting two questions from section A, B, C, and D of **15** marks each and may contain more than one part. Section E will be of 1**0** marks and consists of 10 objective type questions (in MCQ/true and false / fill in the blanks) of **one** mark each covering the entire syllabus of the paper.*
2. *The candidate will be required to attempt five questions in all i.e. selecting one question from each section including the compulsory question. The duration of the examination will be 3 hours.*

SECTION-A

Chemical Technology

Basic principles of distillation, solvent extraction, solid-liquid leaching and liquid-liquid extraction, separation by absorption and adsorption. An introduction into the scope of different types of equipment needed in chemical technology, including reactors, distillation columns, extruders, pumps, mills, emulgators. Scaling up operations in chemical industry. Introduction to clean technology. (18 Hours)

SECTION-B

Society

Exploration of societal and technological issues from a chemical perspective. Chemical and scientific literacy as a means to better understand topics like air and water (and the trace materials found in them that are referred to as pollutants); energy from natural sources (i.e. solar and renewable forms), from fossil fuels and from nuclear fission; materials like plastics and polymers and their natural analogues, proteins and nucleic acids, and molecular reactivity and interconversions from simple examples like combustion to complex instances like genetic engineering and the manufacture of drugs. (18 Hours)

Section - C

Business Basics

Key business concepts: Business plans, market need, project management and routes to market.

Chemistry in Industry

Current challenges and opportunities for the chemistry-using industries, role of chemistry in India and global economies. (12 Hours)

Section - D

Making money

Financial aspects of business with case studies

Intellectual property

Concept of intellectual property, patents. (12 Hours)

Reference Books:

1. www.rsc.org
2. John W. Hill, Terry W. McCreary & Doris K. Kolb, Chemistry for changing times 13th Ed.

CHEM 308
PESTICIDE CHEMISTRY & PHARMACEUTICAL CHEMISTRY

Max. Marks: 70 **Time allowed: 03 Hours**

Credits: 4

Note for Examiners and Students:

1. *The question paper will consist of five sections A, B, C, D and E. Section E will be compulsory. Examiner will set nine questions in all, selecting two questions from section A, B, C, and D of **15** marks each and may contain more than one part. Section E will be of **10** marks and consists of 10 objective type questions (in MCQ/true and false / fill in the blanks) of **one** mark each covering the entire syllabus of the paper.*
2. *The candidate will be required to attempt five questions in all i.e. selecting one question from each section including the compulsory question. The duration of the examination will be 3 hours.*

SECTION-A

General introduction to pesticides (natural and synthetic), benefits and adverse effects, changing concepts of pesticides, structure activity relationship. (12 Hours)

SECTION-B

Synthesis and technical manufacture and uses of representative pesticides in the following classes: Organochlorines (DDT, Gammexene,); Organophosphates (Malathion, Parathion); Carbamates (Carbofuran and carbaryl); Quinones (Chloranil), Anilides (Alachlor and Butachlor). (15 Hours)

SECTION - C

Drugs & Pharmaceuticals Drug discovery, design and development; Basic Retrosynthetic approach. Synthesis of the representative drugs of the following classes: analgesics agents, antipyretic agents, antiinflammatory agents (Aspirin, paracetamol, lbuprofen); antibiotics (Chloramphenicol); antibacterial and antifungal agents (Sulphonamides; Sulphanethoxazol, Sulphacetamide, Trimethoprim); antiviral agents (Acyclovir), Central Nervous System agents (Phenobarbital, Diazepam),Cardiovascular (Glyceryl trinitrate), antilaprosy (Dapsone), HIV-AIDS related drugs (AZT- Zidovudine). (18 Hours)

SECTION -D

Fermentation Aerobic and anaerobic fermentation. Production of (i) Ethyl alcohol and citric acid, (ii) Antibiotics; Penicillin, Cephalosporin, Chloromycetin and Streptomycin, (iii) Lysine, Glutamic acid, Vitamin B2, Vitamin B12 and Vitamin C. (15 Hours)

Reference Books:

1. G.L. Patrick: Introduction to Medicinal Chemistry, Oxford University Press, UK
2. Hakishan, V.K. Kapoor: Medicinal and Pharmaceutical Chemistry, Vallabh Prakashan, Pitampura, New Delhi.
3. William O. Foye, Thomas L., Lemke , David A. William: Principles of Medicinal Chemistry, B.I. Waverly Pvt. Ltd. New Delhi.
5. Cremlyn, R. Pesticides. Preparation and Modes of Action, John Wiley & Sons, New York, 1978.

H.P. University, Summerhill, Shimla

Structure and Syllabus

of

Botany

for
B.Sc. Undergraduate Programme

Based on:

U.G.C. Choice Based Credit System

(CBCS) Annual Pattern UG Courses

Model Curriculum

(Effective from Academic Session July, 2018 onwards)

SKILL ENHANCEMENT COURSES

Biofertilizers (BOTA 203)

(Credits 4) Lectures: 45

SECTION A

Unit 1: Fertilizers: Introduction, Types of fertilizers and their advantages and disadvantages, Brief account of microbes used as biofertilizer, Marketable forms of biofertilizers.

(5 Lectures)

Unit 2. *Rhizobium*: General account, Isolation, Identification, Mass multiplication, Carrier based inoculants, Application, Crop response

(5 Lectures)

Unit 3. Actinorrhizal Symbiosis- *Frankia*, Host-microsymbiont relationship, Isolation, Culture, Application and Advantages **(2 Lectures)**

SECTION B

Unit 4: *Azospirillum:* Isolation and mass multiplication, Carrier based inoculant, Crop response

(4 Lectures)

Unit 5: *Azotobacter*: Characteristics, Isolation and mass multiplication, Application and Crop response.

(4 Lectures)

Unit 6: Phosphate Solubilizing Organisms: Introduction, Isolation, Culture and Applications.

(3 Lectures)

SECTION C

Unit 7: Cyanobacteria (Blue Green Algae): *Azolla* and *Anabaena azollae* association, Nitrogen fixation, Factors affecting growth, Blue green algae and *Azolla* in rice cultivation.

(6 Lectures)

Unit 8: Mycorrhizal Association: Types of mycorrhizal association, Taxonomy, Occurrence and distribution, Phosphorus nutrition, Growth and yield; VAM – Isolation and inoculum production, Influence on growth and yield of crop plants.

(6 Lectures)

SECTION D

Unit 9: Organic Farming – Green manuring and organic fertilizers, Recycling of biodegradable municipal, agricultural and Industrial wastes; Biocompost making methods, Types and method of vermicomposting, field Application. **(10 Lectures)**

Suggested Readings

1. Dubey, R.C., 2005 A Text book of Biotechnology S. Chand& Co, New Delhi.
2. Kumaresan, V. 2005, Biotechnology, Saras Publications, New Delhi.
3. John Jothi Prakash, E. 2004. Outlines of Plant Biotechnology. Emkay Publication, New Delhi.
4. Sathe, T.V. 2004 Vermiculture and Organic Farming. Daya publishers.
5. Subha Rao, N.S. 2000, Soil Microbiology, Oxford & IBH Publishers, New Delhi.
6. Thakur, A.K., Bassi, S.K. and Singh, K.J. 2017. Biofertilizers. S. Dinesh & Co., Jalandhar.
7. Vayas, S.C, Vayas, S. and Modi, H.A. 1998. Biofertilizers and Organic Farming Akta Prakashan, Nadiad

Gardening and Floriculture

(BOTA 204)

(Credits 4) **Lectures: 45**

SECTION A

Unit 1: Landscape Gardening and Floriculture: Definitions of Landscape Gardening and Floriculture, history of gardening, importance, status and scope of Floriculture and Landscaping; landscaping of homes, educational institutions, highways and public parks.

(6 Lectures)

Unit 2: Gardening operations: Soil laying, Manuring, Watering, Management of pests and diseases; Soil sterilization; Seed sowing; Pricking; Planting and transplanting; Shading; Stopping or pinching; Defoliation; Mulching; Pruning, Topiary making. **(4 Lectures)**

SECTION B

Unit 3: Garden Designs, Principles, Types and Features: Principles and Elements of Garden Designs, Formal and Informal gardens, English, Mughal and Japanese gardens; Features of a garden (Garden wall, Fencing, Steps, Hedge, Edging, Lawn, Flower beds, Shrubbery, Borders, Rock garden, Water garden. Some Famous gardens of India. **(7 Lectures)**

Unit 4: Propagation of Garden Plants: Sexual and vegetative methods of propagation; Role of plant growth regulators. **(5 Lectures)**

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of

Botany

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Model Curriculum

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SKILL ENHANCEMENT COURSES

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(Credits 4) Lectures: 45

SECTION A

Unit 1: Fertilizers: Introduction, Types of fertilizers and their advantages and disadvantages, Brief account of microbes used as biofertilizer, Marketable forms of biofertilizers.

(5 Lectures)

Unit 2. *Rhizobium*: General account, Isolation, Identification, Mass multiplication, Carrier based inoculants, Application, Crop response

(5 Lectures)

Unit 3. Actinorrhizal Symbiosis- *Frankia*, Host-microsymbiont relationship, Isolation, Culture, Application and Advantages **(2 Lectures)**

SECTION B

Unit 4: *Azospirillum:* Isolation and mass multiplication, Carrier based inoculant, Crop response

(4 Lectures)

Unit 5: *Azotobacter*: Characteristics, Isolation and mass multiplication, Application and Crop response.

(4 Lectures)

Unit 6: Phosphate Solubilizing Organisms: Introduction, Isolation, Culture and Applications.

(3 Lectures)

SECTION C

Unit 7: Cyanobacteria (Blue Green Algae): *Azolla* and *Anabaena azollae* association, Nitrogen fixation, Factors affecting growth, Blue green algae and *Azolla* in rice cultivation.

(6 Lectures)

Unit 8: Mycorrhizal Association: Types of mycorrhizal association, Taxonomy, Occurrence and distribution, Phosphorus nutrition, Growth and yield; VAM – Isolation and inoculum production, Influence on growth and yield of crop plants.

(6 Lectures)

SECTION D

Unit 9: Organic Farming – Green manuring and organic fertilizers, Recycling of biodegradable municipal, agricultural and Industrial wastes; Biocompost making methods, Types and method of vermicomposting, field Application. **(10 Lectures)**

Suggested Readings

1. Dubey, R.C., 2005 A Text book of Biotechnology S. Chand& Co, New Delhi.
2. Kumaresan, V. 2005, Biotechnology, Saras Publications, New Delhi.
3. John Jothi Prakash, E. 2004. Outlines of Plant Biotechnology. Emkay Publication, New Delhi.
4. Sathe, T.V. 2004 Vermiculture and Organic Farming. Daya publishers.
5. Subha Rao, N.S. 2000, Soil Microbiology, Oxford & IBH Publishers, New Delhi.
6. Thakur, A.K., Bassi, S.K. and Singh, K.J. 2017. Biofertilizers. S. Dinesh & Co., Jalandhar.
7. Vayas, S.C, Vayas, S. and Modi, H.A. 1998. Biofertilizers and Organic Farming Akta Prakashan, Nadiad

Gardening and Floriculture

(BOTA 204)

(Credits 4) **Lectures: 45**

SECTION A

Unit 1: Landscape Gardening and Floriculture: Definitions of Landscape Gardening and Floriculture, history of gardening, importance, status and scope of Floriculture and Landscaping; landscaping of homes, educational institutions, highways and public parks.

(6 Lectures)

Unit 2: Gardening operations: Soil laying, Manuring, Watering, Management of pests and diseases; Soil sterilization; Seed sowing; Pricking; Planting and transplanting; Shading; Stopping or pinching; Defoliation; Mulching; Pruning, Topiary making. **(4 Lectures)**

SECTION B

Unit 3: Garden Designs, Principles, Types and Features: Principles and Elements of Garden Designs, Formal and Informal gardens, English, Mughal and Japanese gardens; Features of a garden (Garden wall, Fencing, Steps, Hedge, Edging, Lawn, Flower beds, Shrubbery, Borders, Rock garden, Water garden. Some Famous gardens of India. **(7 Lectures)**

Unit 4: Propagation of Garden Plants: Sexual and vegetative methods of propagation; Role of plant growth regulators. **(5 Lectures)**

ABILITY ENHANCEMENT COMPULSORY COURSE

Environment Science

Course: ENVS2AECC02

(Theory)

DEPARTMENT OF INTERDISICIPLINERY STUDIES

SCHOOL OF ENVIRONMENTAL SCIENCES

HIMACHAL PRADESH UNIVERSITY

SUMMERHILL SHIMLA

COURSE: ENVS2AECC2
ENVIRONMENT SCIENCE (THEORY)

Year end Examination: 100 marks

Note: The Examiner will set a total of nine (9) questions covering all topics/units of the prescribed course by setting at least two questions from each unit. Out of the nine questions, one question containing ten (10) short-answer type questions of two marks each that will cover entire course will compulsory. The candidate will attempt a total of five questions (one from each unit) including the compulsory question. All questions will carry equal marks.

Unit 1

Introduction to environmental studies & Ecosystems: Multidisciplinary nature of environmental studies: Scope and importance; what is an ecosystem? :Structure and function of ecosystem, Energy flow in an ecosystem, food chains, food webs and ecological succession, Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems; Levels of biological diversity: genetic, species and ecosystem diversity, Biogeographic zones of India, Biodiversity patterns and global biodiversity hot spots, India as a mega-biodiversity nation, Endangered and endemic species of India, Threats to biodiversity, Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions, Conservation of biodiversity, *In-situ* and *Ex-situ* conservation of biodiversity, Concept of sustainability and sustainable development.

(20 Periods)

Unit 2

Natural Resources & its management and conservation: Land resources and landuse change: Land degradation, soil erosion and desertification; Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations; Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state); Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

(15 Periods)

Unit 3

Environmental Pollution & Management: Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution, Solid waste management: Control measures of urban and industrial waste. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environment Laws: Environment Protection Act, Air (Prevention & Control of Pollution) Act, Water (Prevention and control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act; International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD); Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(15 Periods)

Unit 4

Environment & Social Issues: Human population growth: Impacts on environment, human health and welfare; Resettlement and rehabilitation of project affected persons; case studies; Disaster management: floods, earthquake, cyclones and landslides; Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan; Environmental ethics: Role of Indian and other religions and cultures in environmental conservation; Environmental communication and public awareness, case studies

(10 Periods)

Suggested Readings:

1. Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of

California Press.
3. Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
4. Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. *Science,* 339: 36-37.
7. McCully, P. 1996. *Rivers no more: the environmental effects of dams* (pp. 29-64). Zed Books.
8. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. *Waste Water Treatment*. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. *Environment*. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M. L. 2001. *Environmental law and policy in India*. *Tripathi 1992*.
14. Sengupta, R. 2003. *Ecology and economics*: An approach to sustainable development. OUP.
15. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
16. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. *Conservation Biology*: *Voices from the Tropics*. John Wiley & Sons.
17. Thapar, V. 1998. *Land of the Tiger*: *A Natural History of the Indian Subcontinent*.
18. Warren, C. E. 1971. *Biology and Water Pollution Control*. WB Saunders.
19. Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
20. World Commission on Environment and Development. 1987. *Our Common Future*. Oxford University Press.

GENERAL INSTRUCTION/GUIDELINES FOR EXCUTION OF CURRICULUM

- **Ability Enhancement Compulsory Courses [AECC]:** A total of 2 courses will be offered as Ability Enhancement Compulsory Courses [AECC] with 4 X 2 = 8 credits for AECC.
- The AECC courses are the mandatory courses based upon the content that leads to knowledge enhancement; i. Environment Science and ii. English/ Hindi/ MIL Communication. All these are mandatory courses for obtaining a B.Sc. (Honors) degree in the concerned subject. These courses are mandatory for all disciplines.
- Environment Science (Course: ENVS2AECC02 Theory) is mandatory course for all disciplines.
- Set a total of nine (9) questions covering all topics/units of the prescribed course by setting at least two questions from each unit. Out of the nine questions, one question containing ten (10) short-answer type questions of two marks each that will cover entire course will compulsory. The candidate will attempt a total of five questions (one from each unit) including the compulsory question. All questions will carry equal marks.

- Classroom Attendance: 75% class attendance is compulsory for every student.

B.A. with English

Undergraduate YEARLY Programme

Syllabus

(Effective from the Academic Session 2018-19)

Department of English

Himachal Pradesh University

NAAC Accredited 'A' Grade University

Summer Hill Shimla – 171005

		Classroom Activity: 1. Riddles and Problem Solving Exercises 2. Brainstorming 3. Writing an Abstract 4. Precis Writing **Recommended Reading:** 1. Renu Gupta. *A Course in Academic Writing*. New Delhi: Orient Blackswan, 2010. **Suggested Readings:** 1. Lin Ham-Lyons and Ben Heasley. *Study Writing: A Course in Writing Skills for Academic Purpose*. Cambridge: CUP, 2006. 2. Iiona Leki. *Academic Writing: Exploring Processes and Strategies.* 2nd Edition. CUP, 1998. 3. Gerald Graff and Cathy Birkenstein. *They Say/I Say: The Moves That Matter in Academic Writing.* Norton, 2009.	
III	**ENG GE 305**	**GE-1 Literature from Himachal** Textbook under Preparation by the Department of English, Himachal Pradesh University.	
III	**ENG GE 306**	**GE-2 Contemporary India: Women and Empowerment** 1. Key Concepts: Sex and Gender, Socialization, Discrimination - Gendered and Sexual, Stereotyping, Feminism, Patriarchy, Femininities and Masculinities, Transgenders. 2. "The Creation of Patriarchy." *The Creation of Patriarchy* by Gerda Lerner. 3. "A Wife's Letter." Rabindra Nath Tagore. Trans. Prasenjit Gupta. 4. "To Waris Shah." Amrita Pritam. Trans. by Amrita Pritam. *Selected Poems of Amrita Pritam*. A Dialogue Calcutta Publication. Ed. Pritish Nandy. 5. Malavika Karlekar. "Domestic Violence." *Women' Studies in India*. Ed. Mary E. John. 6. Gogu Shyamala. "Raw Wound*." Father Maybe an Elephant and Mother Only a Small Basket, But…"* 7. Rokeya Sakhawat Hossain: "Sultana's Dream" *Women Writing in India: 600 BC to the Present.* Vol. 1. New Delhi: OUP, 1995. Print. 8. Shivani: "Dadi." ("Grandmother"). *Women Writing in India: 600 BC to the Present.* Vol. 2. New Delhi: OUP, 1995. Print.	**6**

		Classroom Activity: 1. Group Discussions and Presentations on: (i) Kinkari Devi (ii) Women Farmers in India (iii) Chipko Movement (iv) Women's Role in Traditional and Organic Farming **Suggested Readings:** • *Masculinities.* R.W. Connell. Polity 2005. • *The Creation of Patriarchy*. Gerda Lerner**.** OUP, 1987. • *A Field of One's Own: Gender and Land Rights in South Asia*. Bina Aggarwal**.** CUP, 1994. • *50 Key Concepts in Gender Studies*. Jane Pilcher and Imelda Whelehan**.** Sage Publications, 2004. • *Seeing Like a Feminist*. Nivedita Menon**.** Zubaan, Penguin, 2012. • *Fields of Protest: Women's Movements in India.* Raka Ray, ed**.** University of Minnesota Press. • *Transcultural Negotiations of Gender.* Saugata Bhaduri and Indrani Mukherjee, Springer, ed., 2015. • *Women in India- A Social and Cultural History*. Vols I & II, ABC CLIO, LLC. Sita Anantha Raman**.** • *Staying Alive: Women, Ecology and Survival in India***.** Kali for Women. Vandana Shiva, 1995**.** • *Women in Modern India.* Geraldine Forbes**.** CUP, 2004. **Films:** *Kunku* (1937) (Marathi) *Mahanagar* (1963) *Pratighat* (1987) *Mirch Masala* (1987) *Bandit Queen* (1994) *Hari Bhari* (2000) *Lajja* (2001) *Kovilpatti Veeralakshmi* (2003) *Matrubhoomi* (2003) *English Vinglish* (2012) *The World before Her* (2012) *Queen* (2014) *Pink* (2016) *Raazi* (2018)	

OPTIONAL DISSERTATION OR PROJECT WORK MAY BE UNDERTAKEN IN PLACE OF ONE ELECTIVE PAPER (6 CREDITS) IN THE THIRD YEAR.

NOTE: GENERIC ELECTIVE COURSES ARE INTERDISCIPLINARY AND ARE TO BE OFFERED TO THE STUDENTS OF OTHER DISCIPLINES WHO OPT TO STUDY GENERIC ELECTIVE ENGLISH COURSES.

Syllabus

Political Science Under Graduate Classes

B.A.(1^{st}, 2^{nd} & 3^{rd} Year)

(Annual System)

w.e.f. 2018-19 session onwards.

Political Science Syllabus (Regular)
BA-III Year (Annual System)
Discipline Specific Elective Course-DSE -OPTION-1
Code: DSE-1B-POLS302 (A) OPTION-1
Democracy and Governance

Course Code	DSE-1B-POLS302 (A) OPTION-1	
Credits-6	L =Lecture	T= Tutorial
	L= 5	T =1
Course Type	DSE	

Term End Examination System

Maximum Marks	Minimum Pass Marks	Total Maximum aggregate marks Annual exam + CCA/IA	Minimum Aggregate Pass marks in Percentage Annual exam +CCA/IA	Time Allowed
70	25	100	40%	3.00 Hrs.

Continuous Comprehensive Assessment CCA/IA Pattern

Attendance	Class Test	House Test	Assignment/Seminar/Class Test/Tutorial/Quiz etc.	Total Maximum marks CCA/IA	Minimum Pass Marks	Total maximum aggregate marks	Minimum aggregate pass marks in percentage annual examination + CCA/IA
5	5	10	10	30	11	100	40%

Course Content

Unit	Topic
I	Structure and Process of Governance. (a) Union Level: President, Prime minister and Supreme Court. (b) State Level: Governor, Chief Minister and High Court.
II	(a) Political Communication: Nature, Forms and Importance. (b) Role of Trade Unions and Farmers Associations.
III	Contemporary Political Economy: Liberalisation and E-governance.
IV	Dynamics of Civil Society: New Social Movements (Gender, Tribe, Environment) and NGO's.

Suggested Readings:

1. B Agarwal **Environmental Management, Equity and Eco-feminism: Debating India's Experience,** Journal of Peasant Studies, Vol. 25.
2. Atul Kohli (ed.) (2001) **The Success of India's Democracy,** Cambridge University Press.
3. Stuart Corbridge and John Harris (2000) **Reinventing India: Liberalisation, Hindu Nationalism and Popular Democracy,** Oxford University Press.
4. J. Dreze and A.Sen (1995) **India: Economic Development and Social Opportunity**.
5. Saima Saeed Clarendon (2013) **Screening the Public Sphere: Media and Democracy in India**,
6. Nick Stevenson (2002) **Understanding Media Cultures.**

7. C.J. Fuller (ed.) (1997) **Caste Today,** Oxford University Press,
8. Himat Singh (2001) **Green Revolution Reconsidered: The Rural World of Punjab,** Oxford University Press**.**
9. Jagdish Bhagwati (1993) **India in Transition: Freeing the Economy.**
10. Joseph E. Stiglitz (2003) **Globalization and its Discontents,** WW Norton.
11. I.G. Patel (2003) **Glimpses of Indian Economic Policy: An Insider View**, Oxford University Press.
12. Rajni Kothari and Clude Alvares (eds.) (1985)**Another Revolution Fails: an investigation of how and why India's Operation Flood Project Touted as the World's Largest Dairy Development Program Funded by the EEC went off the Rails,** Ajanta, New Delhi.
13. Smitu Kothari (1993) **Social Movements and the Redefinition of Democracy,** Boulder, Westview.
14. S.T. Qah John (2003) **Curbing Corruption in Asia: A Comparative Study of Six Countries**, Eastern University Press.
15. Vasu Deva (2005**) E-Governance in India: A Reality**, Commonwealth Publishers.
16. M.J.Moon (2002) **The Evolution of Electronic Government Among Municipalities: Rheoteric or Reality, American Society For Public Administration, Public Administration Review**, Vol 62.
17. Pankaj Sharma (2004) **E-Governance: The New Age Governance,** APH Publishers.
18. Pippa Norris (2001) **Digital Divide: Civic Engagement, Information Poverty and the Internet in Democratic Societies,** Cambridge University Press, Cambridge.
19. Ghanshyam Shah (ed.), (2002) **Social Movements and The State,** Sage Publication, New Delhi.
20. Su H. Lee (2010) **Debating New Social Movements: Culture, Identity, and Social Fragmentation,** Rawat Publishers, New Delhi.
21. S. Laurel Weldon (2011) **When Protest Makes Policy: How Social Movements Represent Disadvantaged Groups,** Michigan Publishers,USA.
22. Richard Cox (1987) **Production, Power and World Order**, Columbia University Press, New York.

Additional Readings:

1. Upendra Baxi and Bhikhu Parekh (ed.) (1994) **Crisis and Change in Contemporary India**, Sage Publications, New Delhi.
2. Bidyut Chakrabarty (2003**) Public Administration: A Reader,** Oxford University Press, Delhi.
3. Rajani Kothari (1970**) Politics in India,** Orient Longman, Delhi.
4. Gerry Mackie (2003) **Democracy Defended,** Cambridge University Press, New York.
5. Gurpreet Mahajan (ed.) (2000) **Democracy, Difference and Social Justice,** Oxford University Press, New Delhi.
6. Nivedita Menon (ed.) (2001) **Gender and Politics in India,** Oxford University Press, New Delhi.
7. Manoranjan Mohanty (1998) **Peoples Rights: Social Movements and the State in the Third World,** Sage Publications, New Delhi.
8. Paul Brass (1990) **Politics in India since Independence,** Orient Longman, Hyderabad.
9. Rob Jenkins (2004) **Regional Reflections: Comparative Politics across India's States**, New Delhi, Oxford University Press.
10. M.M Sury (2003) **India: A Decade of Economic Reforms: 1991 –2001,** New Century Publication, New Delhi.
11. Thomas R. Dye (1984) **Understating Public Policy,** Prentice Hall NJ.
12. Y. Dror (1974) **Public Policy Making Re-examined,** Leonard Hill Books, Bedfordshire.
13. Rumki Basu et, al (ed) (2015) **Democracy and good governance: Reinventing the Public service Delivery System in India,** New Delhi, Bloomsbury India.

Syllabus

Political Science Under Graduate Classes

B.A.(1^{st}, 2^{nd} & 3^{rd} Year)

(Annual System)

w.e.f. 2018-19 session onwards.

B.A. Political Science Syllabus (Regular)
BA-III Year (Annual System)
Skill Enhancement Course-SEC-3
Code: SEC-3-POLS303
Democratic Awareness Through Legal Literacy

Course Code	SEC-3-POLS303	
Credits-4	L =Lecture	T= Tutorial
	L= 3	T =1
Course Type	SEC	

Term End Examination System

Maximum Marks	Minimum Pass Marks	Total Maximum aggregate marks Annual exam + CCA/IA	Minimum Aggregate Pass marks in Percentage Annual exam +CCA/IA	Time Allowed
70	25	100	40%	3.00 Hrs.

Continuous Comprehensive Assessment CCA/IA Pattern

Attendance	Class Test	House Test	Assignment/Seminar/Class Test/Tutorial/Quiz etc.	Total Maximum marks CCA/IA	Minimum Pass Marks	Total maximum aggregate marks	Minimum aggregate pass marks in percentage annual examination + CCA/IA
5	5	10	10	30	11	100	40%

Course Content

Unit	Topic
I	Outlining the Legal System in India: Criminal and Civil Courts; Juvenile Courts, Mahila Courts. Role of Tribunals.
II	Understanding the Application of Law. Criminal Jurisdiction, Filing an FIR, Arrest, Bail Search and Seizure. Prevention of Atrocities on Scheduled Castes and Scheduled Tribes.
III	Dowry, Sexual Harassment and Violence Against Women. Consumer Rights and Cybercrimes.
IV	Functioning of Legal System: Legal Services Authorities Act. Preventive Detention Act and National Security Act.

Suggested Reading

1. Kamala Sankaran and Ujjwal Singh (2007**) Creating Legal Awareness, (eds)** Oxford University Press, Delhi.
2. **Legal literacy**: available amongst interdisciplinary courses on Institute of Life Long Learning (Delhi University) Virtual Learning Portal namely vle.du.ac.in
3. Multiple Action Research Group, Our Laws Vols 1-10, Delhi. Available in Hindi also.
4. Indian Social Institute, New Delhi, Legal Literacy Series Booklets. Available in Hindi also.
5. S.K. Agarwala Public Interest Litigation in India, K.M. Munshi Memorial Lecture, Second Series, Indian Law Institute, Delhi, 1985.

6. S.P. Sathe (1993**) Towards Gender Justice,** Research Centre for Women's Studies, SNDT Women's University, Bombay.
7. Asha Bajpai (2003) Child Rights in India : Law, Policy, and Practice, Oxford University Press, New Delhi.
8. Agnes, (1997**) Law and Gender Equality**, Oxford University Press.
9. Sagade Jaga (1996) **Law of Maintenance: An Empirical Study**, ILS Law College, Pune.
10. B.L. Wadhera, (2003) **Public Interest Litigation - A Handbook**, Universal, Delhi.
11. Nomita Aggarwal (2002) **Women and Law in India,** New Century, Delhi.
12. P.C. Rao and William Sheffiled (2002) **Alternate Dispute Resolution: What it is and How it Works,** Universal Law Books and Publishers, Delhi.

Note: Student may consult online Research Articles from JSTOR, Google Scholar, Google Website and other related online websites.

Annexure-I

ANNUAL SYSTEM UNDER CBCS
B.A. WITH PUBLIC ADMINISTATION (CREDIT-132)

Year	Course Code	Course	Course PROPOSED	Course Name	Credits	Award Type
Ist		English-I			06	100 ESE=70 IA=30
	PUBA 101-A	DSC-IA	Core Course	Administrative Theory	06	100 ESE=70 IA=30
	PUBA 102-A	DSC-1B	Core Course	Indian Administration	06	100 ESE=70 IA=30
	Skt./Hindi-1	AECC-1	Ability Enhancement Compulsory Course		06	100 ESE=70 IA=30
	PUBA 102	DSC-2A	Core Course		06	100 ESE=70 IA=30
		DSC-2B	Core Course		06	100 ESE=70 IA=30
	Evs. Studies Hindi/Skt. (one out of three)	AECC-2	Ability Enhancement Compulsory Course		04 04	100 ESE=70 IA=30
	Total Cridts				**44**	
II	English-2		Core Course		06	100 ESE=70 IA=30
	Skt./Hindi - 2				06	
	PUBA 201A	DSC-1C	Core Course	Administrative Thinkers	06	100 ESE=70 IA=30
	PUBA 202-A	DSC-1D	Core Course	Development Administration	06	100 ESE=70 IA=30
		DSC-2C	Core Course		06	
		DSC-2D	Core Course		06	
	PUBA 203-A	SEC-IA	Skill Enhancement	Computer Applications & Office Management	04	100 ESE=70 IA=30
	PUBA 204-A	SEC-2B	Skill Enhancement	Human Resource & Logistic Management	04	100 ESE=70 IA=30
		Total			**44**	
III	PUBA 301-A	SEC-3C	Skill Enhancement Course	Leadership Styles & Conflict Management	04	100 ESE=70 IA=30
	PUBA 302-A	SEC-4D	Skill Enhancement Course	Stress & Time Management	04	
	PUBA 303-A OR PUBA 304-A	DSE-1A (Option-1) OR DSE-1A (Option II)	Discipline Specific Elective	Local Governance IA OR Contemporary Issues & Concerns in Indian Administration	06	100 ESE=70 IA=30
	PUBA 305-A OR PUBA 306-A	DSE-1B (Option -I) OR DSE-B (Option-II)	Discipline Specific Elective	Public Policy and Administration in India Or Financial Administration	06	100 ESE=70 IA=30
		DSE-2A	Discipline Specific		06	100 ESE=70 IA=30
		DSE-2B	Elective		06	
	PUBA 307-A	GE-1	Generic Elective	Constitutional and Administrative Aspects of Himachal Pradesh	06	100 ESE=70 IA=30
	PUBA 308-A Or PUBA -309-A	GE-2 option-I OR GE-2 option-II	Generic Elective	Disaster Management OR E Governance	06	100 ESE=70 IA=30
	Total				**44**	

Public Administration Syllabus
BA-III Year
Code : GE-2;PUBA308-A option (I)
Course: Disaster Management

Course Code	CODE:PUBA308-A	
Credits-6	L (L=Lecture)	T(T=Tutorial)
	L-5	T-1
Course Type	Core Course/Major	

Term End Examination System:

Maximum Marks Allotted	Minimum Pass Marks	Time Allowed
70	32	3.00 Hrs

Continuous Comprehensive Assessment (CCA) Pattern:

Attendance	Class Test	House Test	Assignments, Tutorials and General Behaviour of students	Total Marks
05	05	10	10	30

Unit	Topic
I	Disaster- Meaning, Types, Causes of disaster and effects of disaster
II	Classification of Disasters- Hazard, Risk and Vulnerability-Natural and Man Made Disasters-Disaster Profile of India. Organizational structure for Disaster management at National & State Level, Role of NDRF
III	Disaster Management: Act, Policy and Institutional Framework- Disaster Management Cycle with focus of Preparedness. Prevention and mitigation-Disaster Relief and Response-Damage Assessment-Rehabilitation, Reconstruction and Recovery
IV	Relevance of Indigenous Knowledge-Community based Disaster Management-Disaster Management Strategies-Disaster Management Case Studies

Reading List

1. Anu Kapur. 2006. Disaster in India: Studies in Grim Reality. Rawat Publications, New Delhi.
2. Anu Kapur. 2010. Vulnerable India: A Geographical Study of Disasters. Sage India, New Delhi.
3. Arulsamy and J. Jeyadevi. 2016. Disaster Management. Neelkamal Publications, New Delhi.
4. Dagus O. 2011. Disaster Management: An appraisal of Institutional Mechanisms in India. KW Publishers Pvt Ltd, New Delhi.
5. David A. McEntire. 2015 (2nd Edition). Disaster Response and Recovery: Strategies and Tactics for Resilience. Wiley, New Jersey.
6. M.M.Sulphey. 2016. Disaster Management. PHI Learning, New Delhi.
7. Mrinalini Pandey. 2014. Disaster Management. Wiley.
8. Pardeep Sahni, Alka Dhameja and Uma Medury. 2004. Disaster Mitigation: Experiences and Reflections. PHI, New Delhi.
9. Vinod K.Sharma. 2013 (2nd Edition). Disaster Management. Medtech, New Delhi.

Annexure-I of UG BoS Meeting

Choice Base Credit System
B.A./B.Sc. Geography

Year	CORE COURSES (12)	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (4)	Discipline Specific Elective DSE (4)	Generic Elective GE (2)
First	English/MIL-1	(English/MIL Communication) / Environmental Science			
	Physical Geography **(GEOGP101CC)**				
	DSC- 2 A				
	English/MIL-1	Environmental Science/ (English/MIL Communication)			
	General Cartography (Practical) **(GEOGP102 CC)**				
	DSC- 2 B				
Second	English/MIL-2		Regional Planning and Development **(GEOGP203SEC)**		
	Human Geography **(GEOGP201CC)**				
	DSC- 2 C				
	English/MIL-2		Remote Sensing and GPS **(GEOGP204SEC)**		
	Environmental Geography **(GEOGP202CC)**				
	DSC- 2 D				
Third			Geographic Information System (Practical) **(GEOGP301SEC)**	Geography of India **(GEOGP303-1DSE)** or Economic Geography **(GEOGP303-2DSE)**	GE-1 Disaster Risk Reduction **(GEOGP305-GE1)**
				DSE-2 A	
			Field Techniques and Survey based Project Report (Practical) **(GEOGP302SEC)**	Disaster Management **(GEOGP304-1DSE)** or Geography of Tourism **(GEOGP304-2DSE)**	GE-2 Sustainability and Development **(GEOGP306-GE2)**
				DSE-2 B	

Note:

1. **Practical paper will not have tutorials.**

4. ENVIRONMENTAL GEOGRAPHY (GEOGP 202CC)

Course Code	**GEOGP 202CC**		
Credits-6	**L**	**T**	**P**
	65	**25**	**0**
Course Type	**Core**		
Lectures to be Delivered	**90**		

Note: CCA and Annual Examination scheme is same as in Paper GEOGP101CC

Course Content and Credit Scheme

L-Lecture, T-Tutorial and P-Practical and Practices

Unit	**Topic**	**Allotted Time (Hours)**		
		L	**T**	**P**
I.	Definition and Scope of Environmental Geography Meaning and Components of Environment Ecosystem – Concept, components and Functions	17	7	0
II.	Human-Environment Relationship Environmental Determinism and Possibilism Biomes- Definition, Mountain and Desert Regions	16	6	0
III.	Environmental Problems: Air and water Pollution, Their Causes, Impacts and Management, Biodiversity Loss	16	6	0
IV.	Environmental Management Initiatives in India Environmental Protection Act, 1982, Environmental Policy of India(2006), Chipko Movement	16	6	0
	Total Hours	**65**	**25**	**0**

Reading List

1. Casper J.K. (2010) Changing Ecosystems: Effects of Global Warming. Infobase Pub. New York.
2. Hudson, T. (2011) Living with Earth: An Introduction to Environmental Geology, PHI Learning Private Limited, New Delhi.
3. Miller, G.T. (2007) Living in the Environment: Principles, Connections, and Solutions, Brooks/ Cole Cengage Learning, Belmont.
4. Singh, R.B. (1993) Environmental Geography, Heritage Publishers, New Delhi.
5. UNEP (2007) Global Environment Outlook: GEO4: Environment For Development, United Nations Environment Programme. University Press, Cambridge.
6. Wright R. T. and Boorse, D. F. (2010) Toward a Sustainable Future, PHI Learning Pvt Ltd, New Delhi.
7. Singh, R.B. and Hietala, R. (Eds.) (2014) Livelihood security in Northwestern Himalaya: Case studies from changing socio-economic environments in Himachal Pradesh, India. Advances in Geographical and Environmental Studies, Springer
8. Singh, Savindra 2001. *Paryavaran Bhugol*, Prayag Pustak Bhawan, Allahabad. (in Hindi)

Annexure-I

PROPOSED OUTLINE OF SYLLABUS OF B.A. WITH SOCIOLOGY (2018-19)

Year	Course Code	Course	Course Type	Course Name	Credits	Award Type
1st Year		English-1	Core Course		06	**100** TEE=70 IA=30
		Skt./Hindi-1	Core Course		06	**100** TEE=70 IA=30
	SOCL-A 101	DSC-1A	Core Course	**Introduction to Sociology**	06	**100** TEE=70 IA=30
		DSC-1B	Core Course		06	**100** TEE=70 IA=30
	SOCL-A 102	DSC-2A	Core Course	**Society in India**	06	**100** TEE=70 IA=30
		DSC-2B	Core Course		06	**100** TEE=70 IA=30
	Environmental Studies	AECC-1	Ability Enhancement Compulsory Course		04	**100** TEE=70 IA=30
	Hindi/English/Skt.	AECC-2	Ability Enhancement Compulsory Course		04	**100** TEE=70 IA=30

Sr. No.	Course	Course Name	Year	Course Code	Award Type	Marks
1.	Sociology	Introduction to Sociology (Core Course)	1st	SOCL-A 101TH	Theory (TEE)	70
2.	Sociology	Introduction to Sociology (Core Course)	1st	SOCL-A 101IA	Internal Assessment (CCA)	30
3.	Sociology	Society in India (Core Course)	1st	SOCL-A 102TH	Theory (TEE)	70
4.	Sociology	Society in India (Core Course)	1st	SOCL-A 102IA	Internal Assessment (CCA)	30

Sociology Syllabus
BA-1st Year

Core Course: DSC-2A
Code: SOCL- A 102

Course: Society in India

Course Code	Code: SOCL- A 102	
Credits-6	L (L=Lecture)	T (T=Tutorial)
	L-5	T-1
Course Type	Core Course	
Lecture to be Delivered	(1 hr. each), (L=75, T=15)	

Examination Marks Distribution

Maximum Marks	Internal Assessment (IA)	Term End Examination (TEE)	Pass Marks		
			IA	TEE	Aggregate
100	30	70	11	25	40

Note: *Minimum passing marks will be 40% in aggregate. However, 35% each in Internal Assessment and final examinations will be compulsory.*

Term End Examination System

Maximum Marks Allotted	Time Allowed
70	3.00 Hrs

Continuous Comprehensive Assessment (CCA) Pattern

Class Test (Marks)	House Test (Marks)	Tutorials/Assignments/General Behavior of Students (Marks)	Attendance (Marks)	Total Marks
05	10	10	5	30

Note: *Class test to be taken by teacher on the completion of 40% syllabus and house test on the completion of 75% syllabus*

Course Contents

Course Objective:

The Present course introduces the students to the basic features of Indian society and focus on multi-cultural nature of Indian society. Students will be acquainted with the different institutions as well as various issues that are prevalent in Indian society like communalism, casteism, women's movements, etc.

Unit	Topics
I	**India as a Plural Society:** Meaning and Characteristics of Plural Society; Traditional Basis of Indian Society; Unity and Diversity.
II	**Social Institutions:** Caste; Class; Tribe; Family; Marriage and Kinship (Meaning and Characteristics).
III	**Identities and Change:** Dalit's Movement (Issues, Causes and Consequences); Women's Movement (Issues, Causes and Consequences); Policies and Programmes for the upliftment of Dalits and Women.
IV	**Challenges to State and Society:** Communalism; Secularism and Casteism (Meaning, Causes and Remedies).

Suggested Readings

1. ***Ahuja, Ram.*** 1999. *Society in India: Concepts, Theories and Changing Trends.* New Delhi: Rawat Publications.
2. ***Chandra, Bipin.*** 1984. *Communalism in Modern India*. New Delhi: Vikas Publishing.
3. ***D.N. Dhanagre.*** 1993. *Themes and Perspectives in Indian Sociology.* Jaipur: Rawat.
4. ***Deshpande, Satish.*** 2003. *Contemporary India: A Sociological View.* New Delhi: Penguin Books.
5. ***Dumont, L.*** 1997. *Religion, Politics and History in India*. Paris: Mouton Publishers.
6. ***Fox, Robin***. 1967. *Kinship and Marriage: An Anthropological Perspective*. Harmondsworth: Penguin. Books Ltd.
7. ***Kapadia, K.M.*** 1972. *Marriage and Family in India*. Calcutta: Oxford University Press.
8. ***Mandelbaum, D.G.*** 1970. *Society in India.* Bombay: Popular Prakashan.
   Mason (ed.) India and Ceylon: Unity and Diversity. London: oxford University Press, Introduction.
9. ***Mason, Philip*** 1967 *Unity and Diversity: An Introductory Review* in Philip
10. **Shah, Ghanshyam.** 2001. *Dalit Identity and Politics.* Delhi: Sage Publications.
11. ***Singh, K.S.*** 1995. *The Scheduled Tribes, New* Delhi: Oxford University Press.
12. ***Singh. Yogendra***. 1973. *Modernisation of IndianTtradition.* New Delhi: Thomson Press. Delhi.
13. ***Srinivas, M.N.*** 1962. *Caste in Modern India and other Essays.* Bombay: Asia Publishing House.
14. ***Srinivas, M.N.***, 1956, *A Note on Sanskritization and Westernization*, The Far Eastern Quarterly, Volume 15, No.4, pp 481-496
15. ***Uberoi, Patricia.*** 1993. *Family, Kinship and Marriage in India* New Delhi: Oxford University Press.

(Note: Students may also use any standard Hindi Medium book available in Sociology)