



*Govt college Kullu-175101*  
*UGC -NAAC accredited*  
*B++institution Phone No.*  
*&Fax -01902-222568*  
*E-mail: gckullu-hp@nic.in*

## **Criteria – 1 (Curricular Aspects)**

### **1.3: Curriculum Enrichment**

**1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum**

#### **Content:**

- **Environment and Sustainability**
- **Gender**
- **Human Values & Professional Ethics**
- **Activities/Photographs**



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# Environment, and Sustainability

## CHEM 302TH

### INDUSTRIAL CHEMISTRY AND ENVIRONMENT

Max. Marks: 50

3 Hours

Credits: 4

Time Allowed:

#### 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 10 marks each and may contain more than one part. Section E will be of 10 marks and consists of objective type questions (MCQ/true and false / fill in the blanks etc.) of one mark each covering the entire 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 - C

**Water Pollution:** Hydrological cycle, water resources, aquatic ecosystems, Sources and nature of water pollutants, Techniques for measuring water pollution, Impacts of water pollution on hydrological and ecosystems.

Water purification methods. Effluent treatment plants (primary, secondary and tertiary treatment). Industrial effluents from the following industries and their treatment: electroplating, textile, tannery, dairy, petroleum and petrochemicals, agro, fertilizer, etc. Sludge disposal.

Industrial waste management, incineration of waste. Water treatment and purification (reverse osmosis, electro dialysis, ion exchange). Water quality parameters for waste water, industrial water and domestic water.

#### (16 Hours) SECTION - D

##### Energy & Environment

Sources of energy: Coal, petrol and natural gas. Nuclear Fusion / Fission, Solar energy, Hydrogen, geothermal, Tidal and Hydel, etc.

Nuclear Pollution: Disposal of nuclear waste, nuclear disaster and its management.

Biocatalysis: Introduction to biocatalysis: Importance in -Green Chemistry and Chemical Industry



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## **INDUSTRIAL CHEMISTRY AND ENVIRONMENT LAB**

**TIME ALLOWED: 03 HOURS**

**Max Marks: 20 Credits – 2**

1. Determination of dissolved oxygen in water.
2. Determination of Chemical Oxygen Demand (COD)
3. Determination of Biological Oxygen Demand (BOD)
4. Percentage of available chlorine in bleaching powder.
5. Measurement of chloride, sulphate and salinity of water samples by simple titration method ( $\text{AgNO}_3$  and potassium chromate).
6. Estimation of total alkalinity of water samples ( $\text{CO}_3^{2-}$ ,  $\text{HCO}_3^-$ ) using double titration method.
7. Measurement of dissolved  $\text{CO}_2$ .
8. Study of some of the common bio-indicators of pollution.
9. Estimation of SPM in air samples.
10. Preparation of borax/ boric acid.

### **Reference Books:**

1. E. Stocchi: Industrial Chemistry, Vol-I, Ellis Horwood Ltd. UK.
2. R.M. Felder, R.W. Rousseau: Elementary Principles of Chemical Processes, Wiley Publishers, New Delhi.
3. J. A. Kent: Riegel's Handbook of Industrial Chemistry, CBS Publishers, New Delhi.
4. S. S. Dara: A Textbook of Engineering Chemistry, S. Chand & Company Ltd. New Delhi.
5. K. De, Environmental Chemistry: New Age International Pvt. Ltd, New Delhi.
6. S. M. Khopkar, Environmental Pollution Analysis: Wiley Eastern Ltd, New Delhi.



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## 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, Ibuprofen); 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.



## DSC: Botany Paper I

### Biodiversity (Microbes, Algae, Fungi and Archegoniates)

(BOTA 101 ) (Credits: Theory-4, Practicals-2)

**THEORY Lectures: 60**

**Unit 1: Microbes (7 Lectures)**

Viruses – Discovery, general structure, replication (general account), DNA virus (T-phage); Lytic and lysogenic cycle, RNA virus (TMV); Economic importance; Bacteria – Discovery, General characteristics and cell structure; Reproduction – vegetative, asexual and recombination (conjugation, transformation and transduction); Economic importance.

**Unit 2: Algae (12 Lectures)**

General characteristics; Ecology and distribution; Range of thallus organization and reproduction; Brief account of the classification of algae; Morphology and life-cycles of the following: *Nostoc*, *Oedogonium*, *Vaucheria*, *Ectocarpus*, *Polysiphonia*. Economic importance of algae

**Unit 3: Fungi (12 Lectures)**

Introduction- General characteristics, ecology and significance, range of thallus organization, cell wall composition, nutrition, reproduction and classification; Morphology and life cycles of *Phytophthora*, *Rhizopus* (Zygomycota) *Penicillium*, *Venturia* (Ascomycota), *Puccinia*, *Agaricus* (Basidiomycota); Symbiotic Associations- Lichens: General account, reproduction and significance.

**Unit 4: Bryophytes (9 Lectures)**

General characteristics, adaptations to land habit, Range of thallus organization. Classification (up to family), morphology, anatomy and reproduction of *Marchantia* and *Funaria*. (Developmental details not to be included). Ecology and economic importance of bryophytes with special mention of *Sphagnum*.

**Unit 5: Pteridophytes (10 Lectures)**

General characteristics, Early land plants (*Cooksonia* and *Rhynia*). Classification (up to family), morphology, anatomy and reproduction of *Selaginella*, *Equisetum* and *Adiantum*. (Developmental details not to be included). Heterospory and seed habit, stelar evolution. Ecological and economical importance.



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**DSC Botany –Paper II**  
**Plant Ecology and Taxonomy**  
**(BOTA 102)**

(Credits: Theory-4, Practicals-2)

**THEORY**

**Lectures: 60**

**Section A**

**Unit 1: Introduction (2 Lecture)**

**Unit 2: Ecological Factors (13 Lectures)**

**Soil: Origin, formation, composition, soil profile. Water: States of water in the environment, precipitation types. Light and temperature. Shelford law of tolerance. General account of adaptations in xerophytes and hydrophytes.**

**Section B**

**Unit 3: Plant communities (5 Lectures)**

**Characters; Ecotone and edge effect; Succession; Processes and types (Hydrosere and Xerosere)**

**Unit 4: Ecosystem (10 Lectures)**

**Structure; energy flow trophic organisation; Food chains and food webs, Ecological pyramids production and productivity; Biogeochemical cycling- Cycling of Nitrogen and Phosphorus.**

**Section C**



**Introduction to plant taxonomy (3 Lectures)**

Identification, Classification, Nomenclature.

**Unit 6 : Identification (5 Lectures)**

Functions of Herbarium, important herbaria and botanical gardens of the world and India; Documentation: Flora, Keys: single access and multi-access

**Unit 7 : Taxonomic evidences from cytology, phytochemistry and molecular data. 6 Lectures**

**Unit 8: Taxonomic hierarchy (2 Lectures)**

Ranks, categories and taxonomic groups

**Section D**

**Unit 9: Botanical nomenclature (6 Lectures)**

Principles and rules (ICN); ranks and names; binominal system, typification, author citation, valid publication, rejection of names, principle of priority and its limitations

**Unit 10: Classification (5 Lectures)**

Types of classification-artificial, natural and phylogenetic. Bentham and Hooker (upto series), Engler and Prantl (upto series), Angiosperm Phylogeny Group (APG) - general introduction

**Unit 11: Biometrics, numerical taxonomy and cladistics (3 Lectures)**

Characters; variations; OTUs, character weighting and coding; cluster analysis; phenograms, cladograms (definitions and differences).

**Practical (BOTA 102 PR)**

1. Study of instruments used to measure microclimatic variables: Soil thermometer, maximum and minimum thermometer, anemometer, psychrometer/hygrometer, rain gauge and lux meter.
2. Determination of pH, and analysis of two soil samples for carbonates, organic matter.
3. Comparison of bulk density, porosity and rate of infiltration of water in soil of three habitats.
4. (a) Study of morphological adaptations of hydrophytes and xerophytes (four each).  
(b) Study of biotic interactions of the following: Stem parasite (*Cuscuta*), Root parasite (Orobanchae), Epiphytes, Predation (Insectivorous plants)
5. Determination of minimal quadrat size for the study of herbaceous vegetation in the college campus by species area curve method. (species to be listed)
6. Quantitative analysis of herbaceous vegetation in the college campus for frequency and comparison with Raunkiaer's frequency distribution law



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5. Study of vegetative and floral characters of the following flowers (Description, V.S. flower, section of ovary, floral diagram/s, floral formula/e and systematic position according to Bentham & Hooker's system of classification):

- i. Ranunculaceae: *Ranunculus/Delphinium*
- ii. Brassicaceae: *Brassica/Alyssum/Iberis*
- iii. Malvaceae: *Hibiscus/Abutilon*
- iv. Asteraceae: *Helianthus/sonchus*
- v. Fabaceae: *Lathyrus/Pisum*
- vi. Rosaceae: *Rosa/Prunus*
- vii. Apiaceae: *Coriandrum*
- viii. Apocynaceae: *Vinca/Nerium*
- ix. Solanaceae: *Solanum/ Petunia*
- x. Lamiaceae: *Ocimum/Salvia*
- xi. Liliaceae: *Asparagus/Allium*
- xii. Poaceae: *Zea mays/Triticum aestivum*

6. Field visit/ Visit to nearby Botanical Garden

7. Mounting of a properly dried and pressed specimen of any wild angiosperm with herbarium label.

#### Suggested Readings

1. Kormondy, E.J. (1996). Concepts of Ecology. Prentice Hall, U.S.A. 4<sup>th</sup> edition. 2. Shanna, P.D. (2010) Ecology and Environment. Rastogi Publications, Meerut, India.
2. Simpson, M.G. (2006). *Plant Systematics*. Elsevier Academic Press, San Diego, CA, U.S.A.
3. Singh, G. (2012). *Plant Systematics: Theory and Practice*. Oxford & IBH Pvt. Ltd., New Delhi. 3<sup>rd</sup> edition.





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## Medicinal Botany and Ethnobotany

(BOTA 306)

(Credits 4)

Lectures 45

### SECTION A

**Unit 1: Traditional Systems of Medicine:** Brief history of use of medicinal herbs; Introduction to indigenous systems of medicines- Ayurveda, Unani and Siddha system of medicine.

(5 Lectures)

Unit 2: **Ethnobotany:** Introduction, concept, scope and objectives; Ethnobotany as an interdisciplinary science. The relevance of ethnobotany in the present context; Major and minor ethnic groups or Tribals of India, and their life styles.

(5 Lectures)

### SECTION B

Unit 3: **Plants Used by the Tribals:** a) Food plants b) intoxicants and beverages c) Resins and oils and miscellaneous uses. d) Sacred plants

(4 Lectures)

Unit 4: **Methodology of Ethnobotanical Studies:** a) Field work b) Herbarium c) Ancient Literature d) Archaeological findings e) temples and sacred places.

(7 Lectures)

### SECTION C

Unit 5: **Role of ethnobotany in modern Medicine**

**Medico-ethnobotanical sources in India; Significance of the following plants in ethno botanical practices (along with their habitat and morphology) a) *Azadiractha indica* b) *Ocimum sanctum* c) *Vitex negundo*. d) *Gloriosa superba* e) *Tribulus terrestris* f) *Pongamia pinnata* g) *Cassia auriculata* h) *Indigofera tinctoria*. Role of ethnobotany in modern medicine with special example *Rauvolfia serpentina*, *Taxus wallichiana*, *Trichopus zeylanicus*, *Artemisia*, *Withania*.**

(13 Lectures)

### SECTION D

**Unit 6: Role of ethnic groups in conservation of plant genetic resources. Endangered taxa and forest management (participatory forest management).**

(3 Lectures)

Unit 7: **Ethnobotany and Legal Aspects:** Ethnobotany as a tool to protect interests of ethnic groups. Sharing of wealth concept with few examples from India. Biopiracy, Intellectual Property Rights and Traditional Knowledge.



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## 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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## **Mushroom Cultivation Technology**

(BOTA 307)

(Credits 4)

Lectures: 45

### **SECTION A**

**Unit 1:** Introduction, history. Nutritional and medicinal value of edible mushrooms; Nutrition and nutraceuticals – Proteins, amino acids, mineral elements nutrition, carbohydrates, crude fibre content, vitamins; Poisonous mushrooms. (10 Lectures)

### **SECTION B**

**Unit 2: Cultivation Technology:** Infrastructure: substrates (locally available) Polythene bag, vessels, Inoculation hook, inoculation loop, low cost stove, sieves, culture rack, mushroom unit (Thatched house) water sprayer, tray, small polythene bag. Pure culture: Medium, Sterilization, Preparation of spawn, Multiplication. (12 Lectures)

### **SECTION C**

**Unit 3:** Cultivation practices of *Agaricus bisporus*, *Pleurotus* sp. and *Volvariella volvacea*. Composting technology in mushroom production. Low cost technology, Mushroom bed preparation - paddy straw, sugarcane trash, maize straw, banana leaves. Factors affecting the mushroom bed preparation. (12 Lectures)



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<b>ENVIRONMENTAL GEOGRAPHY (GEOGP 202CC)</b>				
<b>Course Code</b>	<b>GEOGP 202CC</b>			
<b>Credits-6</b>	<b>L</b>	<b>T</b>	<b>P</b>	
	<b>65</b>	<b>25</b>	<b>0</b>	
<b>Course Type</b>	<b>Core</b>			
<b>Lectures to be Delivered</b>	<b>90</b>			
<b>Note:</b> CCA and Annual Examination scheme is same as in Paper GEOGP101CC				
<b>Course Content and Credit Scheme</b>				
L-Lecture, T-Tutorial and P-Practical and Practices				
<b>Unit</b>	<b>Topic</b>	<b>Allotted Time (Hours)</b>		
		<b>L</b>	<b>T</b>	<b>P</b>
<b>I.</b>	Definition and Scope of Environmental Geography Meaning and Components of Environment Ecosystem – Concept, components and Functions	17	7	0
<b>II.</b>	Human-Environment Relationship Environmental Determinism and Possibilism Biomes- Definition, Mountain and Desert Regions	16	6	0
<b>III.</b>	Environmental Problems: Air and water Pollution, Their Causes, Impacts and Management, Biodiversity Loss	16	6	0
<b>IV.</b>	Environmental Management Initiatives in India Environmental Protection Act, 1982, Environmental Policy of India(2006), Chipko Movement	16	6	0
<b>Total Hours</b>		<b>65</b>	<b>25</b>	<b>0</b>
<b>Reading List</b>				
<ol style="list-style-type: none"> <li>1. Casper J.K. (2010) Changing Ecosystems: Effects of Global Warming. Infobase Pub. NewYork.</li> <li>2. Hudson, T. (2011) Living with Earth: An Introduction to Environmental Geology, PHI Learning Private Limited, New Delhi.</li> <li>3. Miller, G.T. (2007) Living in the Environment: Principles, Connections, and Solutions, Brooks/ Cole Cengage Learning, Belmont.</li> <li>4. Singh, R.B. (1993) Environmental Geography, Heritage Publishers, New Delhi.</li> <li>5. UNEP (2007) Global Environment Outlook: GEO4: Environment For Development, United Nations Environment Programme. University Press, Cambridge.</li> <li>6. Wright R. T. and Boorse, D. F. (2010) Toward a Sustainable Future, PHI Learning Pvt Ltd, New Delhi.</li> </ol>				



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<b>SUSTAINABILITY AND DEVELOPMENT (GEOGP 306-GE2)</b>				
<b>Course Code</b>	<b>(GEOGP 306-GE2)</b>			
<b>Credits-6</b>	<b>L</b>	<b>T</b>	<b>P</b>	
	<b>65</b>	<b>25</b>	<b>0</b>	
<b>Course Type</b>	<b>Generic Elective</b>			
<b>Lectures to be Delivered</b>	<b>90</b>			
<b>Note:</b> CCA and Annual Examination scheme is same as in Paper GEOGP101 CC				
<b>Course Content and Credit Scheme</b>				
<b>Unit</b>	<b>Topic</b>	<b>Allotted Time (Hours)</b>		
		<b>L</b>	<b>T</b>	<b>P</b>
<b>I.</b>	<b>Introduction</b> Sustainability: Concept, Components	16	7	0
<b>II.</b>	<b>The Millennium Development Goals:</b> National Strategies and International Experiences Sustainable Development: Need and its realization in Indian context	16	6	0
<b>III.</b>	<b>Inclusive Development:</b> Education, Health Role of higher education in achieving sustainability Policies and Global Cooperation for Climate Change	16	6	0
<b>IV.</b>	<b>Sustainable Development Policies and Programmes:</b> Rio+20, Financing for Sustainable Development; National Environmental Policy	17	6	0
<b>Total Hours</b>		<b>65</b>	<b>25</b>	<b>0</b>
L-Lecture, T-Tutorial and P-Practical and Practices				



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## Generic Elective (2)

### 1. DISASTER RISK REDUCTION (GEOGP 305-GEI)

Course Code	(GEOGP 305-GEI)		
Credits-6	L	T	P
	65	25	0
Course Type	Generic Elective		
Lectures to be Delivered	90		

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

GEOGP101 CC

#### Course Content and Credit Scheme

Unit	Topic	Allotted Time (Hours)		
		L	T	P
<b>I.</b>	<b>Introduction</b> Hazards, Risk, Vulnerability and Disasters: Definition and Concept.	16	7	0
<b>II.</b>	<b>Disasters in India:</b> Causes , Impact and Distribution of Flood and Flash Flood, Earthquake and Cyclone	16	6	0
<b>III.</b>	<b>Human Induced Disasters</b> Causes, Impact, Distribution and Mapping.	16	6	0
<b>IV.</b>	<b>Disaster Risk Reduction</b> Mitigation and Preparedness NDMA and NIDM Community-Based Disaster Management Do's and Don'ts During Disasters	17	6	0
	<b>Total Hours</b>	<b>65</b>	<b>25</b>	<b>0</b>

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



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**Sociology Syllabus  
BA-3<sup>rd</sup> Year**

Skill Enhancement Course (SEC-3)  
Code: SOCL-A 301

**Course: Soc**

Course Code

Credits-4

Unit	Topics
I	<b>Social Demography:</b> (i). Meaning, Nature and Development of Social Demography (ii). Scope and Importance of Social Demography
II	<b>Demographic Processes:</b> (i). Fertility (Meaning and Causes) (ii). Mortality (Meaning and Causes); Migration (Meaning and Types)
III	<b>Population Theories:</b> (i). Malthusian Theory of Population (ii). Theory of Demographic Transition; Theory of Optimum Population
IV	<b>Population Growth and its Impact:</b> (i). Economic (Poverty and Unemployment) and Social (Housing and Slums) Consequences (ii). <b>Environment (Pollution and Depletion of Resources); Population Policy in India</b>



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**BA-2<sup>nd</sup> Year**  
Skill Enhancement Course  
(SEC-2)Code: SOCL-A 204

**Course: Sociology of Environment**

### Course Contents

#### Course Objective:

This course will sensitise students about the issues related to environmental concerns and interrelationship of environment and society.

Unit	Topics
I	<b>Concept and Meaning:</b> (i). Environment and Society (ii). Need and Importance of Sociology of Environment
II	<b>Environment and Resources:</b> (i). Environment and Natural Resources (ii). Ecology, Ecosystem and Society
III	<b>Development and Environment:</b> (i). Industrialization, Urbanization and Environmental Degradation (ii). Depletion of Natural Resources and Pollution - Air, Water and Soil.
IV	<b>Contemporary Environmental Concerns:</b> (i). Deforestation and Ecological Crises (ii). Global Warming and Climate Change; Construction of Dams and its Impacts





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**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 land use 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 impact 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



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## Department of English

### B.A. with English

### Undergraduate YEARLY

### Programme

### Syllabus

(Effective from the Academic Session 2018-19)

### First Year

Year	Paper Code	Course Name & Syllabus	Credits
I	ENG CE 101	<p><b>English-1 Core English (Compulsory) for B.A. and B.Com.</b></p> <p><b>UNIT-I</b></p> <p>i. -Ozymandias   ii. -Blow Blow thou Winter Wind   iii. -Good Morrow   iv. -The Man he Killed   v. -Lines Written in Early Spring  </p> <p><b>Poems from <i>The Blossoming Mind</i>. Ed. V. K. Khanna and Meenakshi F. Paul. New Delhi: Macmillan.</b></p> <p><b>UNIT-II</b></p> <p>i. "The Parrot in the Cage" ii. "Dinner for the Boss" iii. "The Reddening Tree" iv. "At the Himalayas" v. "The Value of Silence"</p> <p><b>Stories and Essays from <i>Life Unfolded</i>. Ed. V. K. Khanna and Meenakshi F. Paul. New Delhi: Oxford University Press.</b></p>	6



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## B.A. Political Science

Code: GE-2-POLS306

### Human Rights, Gender and Environment

Course Code	GE-2-POLS306	
Credits-6	L =Lecture	T= Tutorial
	L= 5	T =1
Course Type	GE	

#### 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 Allowe
70	25	100	40%	3.00 H

#### 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	Minin aggre pass n percer annua exami CCA/
5	5	10	10	30	11	100	40%

#### Course Content

Unit	Topic
I	Human Rights: Meanings and Scope. UN Declarations and Covenants.
II	Human Rights in India: Constitutional Provisions and Practices. The Role of National H Rights Commission (NHRC).
III	Analyzing Structures of Patriarchy. Economic Development and Women. The Issue of Women Political Participation and Representation in India.
IV	Environmental and Sustainable Development. UN Environment Programme: Rio, Johannesburg and after. Environmental Policy in India.

#### Suggested Readings

1. Anil Agarwal and Sunita Narain (1991), **Global Warming and Unequal World: A Case of Environmental Colonialism**, Centre for Science and Environment, Delhi.
2. Upendra Baxi (2002) **The Future of Human Rights**, Oxford University Press, Delhi.
3. Andre Beteille (2003) **Antinomies of Society: Essays on Ideology and Institutions**, Oxford University Press, Delhi.
4. V. Geetha (2002) **Gender**, Stree Publications, Kolkata.
5. Ghanshyam Shah (1991) **Social Movements in India**, Sage Publications, Delhi.



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**Public Administration Syllabus  
BA-III Year (Semester-V)**

GE-1

Code : GE-01;PUBA504

**Course: Disaster Management**

Course Code	CODE-GE:PUBA504	
Credits-6	L (L=Lecture)	T(T=Tutorial)
	L-5	T-1
Course Type	Core Course/Major	

**Semester End Examination System:**

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

**Continuous Comprehensive Assessment (CCA) Pattern:**

Minor Test (Marks)	Class Test/Tutorials/Assignments /QUIZ/SEMINAR(Marks)	Attendance	Total Marks
15	10	5	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



# Gender

Department of English

BA with English

Undergraduate SEMESTER Programme

Syllabus

Semester V and VI

(Revised w.e.f. the Academic Session 2018-19)

V	ENGL 501 (Course Code for Honours Students is ENGL 305 H)	<b>Contemporary India: Women and Empowerment (Generic Elective-1)</b>  1. <b>Key Concepts: Sex and Gender, Socialization, Discrimination-Gendered and Sexual, Stereotyping, Feminism, Patriarchy, Femininities and Masculinities, Transgenders.</b> 2. <b>"The Creation of Patriarchy." <i>The Creation of Patriarchy</i> by Gerda Lerner</b> 3. <b>"A Wife's Letter" Rabindra Nath Tagore. Trans. Prasenjit Gupta.</b> 4. <b>"To Waris Shah" Amrita Pritam. Trans. by Amrita Pritam. <i>Selected Poems of Amrita Pritam. A Dialogue</i> Calcutta Publication. Ed. Pritish Nandy.</b> 5. <b>Malavika Karlekar. "Domestic Violence." <i>Women's Studies in India</i>. Ed. Mary E. John.</b> 6. <b>Gogu Shaymala. "Raw Wound." <i>Father Maybe an Elephant and Mother Only a Small Basket, But...</i></b> 7. <b>Rokeya Sakhawat Hossain: "Sultana's Dream" <i>Women Writing in India: 600 BC to the Present</i>. Vol. 1. New Delhi: OUP, 1995. Print.</b> 8. <b>Shivani: "Dadi." ("Grandmother"). <i>Women Writing in India: 600 BC to the Present</i>. Vol. 2. New Delhi: OUP, 1995. Print.</b>	6
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	<p>Classroom Activity</p> <p>1. Group Discussions and Presentations on:</p> <ul style="list-style-type: none"><li>(i) Kinkari Devi</li><li>(ii) Women Farmers in India</li><li>(iii) Chipko Movement</li><li>(iv) Women's Role in Traditional and Organic Farming</li></ul> <p>Suggested Readings:</p> <ul style="list-style-type: none"><li>• R.W. Connell. <i>Masculinities</i>.</li><li>• Gerda Lerner. <i>The Creation of Patriarchy</i>. Oxford University Press.</li><li>• Bina Aggarwal. <i>A Field of One's Own: Gender and Land Rights in South Asia</i>. Cambridge University Press.</li><li>• Jane Pilcher and Imelda Whelehan. <i>50 Key Concepts in Gender Studies</i>. Sage Publications.</li><li>• Nivedita Menon. <i>Seeing Like a Feminist</i>. Zubaan, Penguin.</li><li>• Raka Ray, ed. <i>Fields of Protest: Women's Movements in India</i>. University of Minnesota Press.</li><li>• Saugata Bhaduri and Indrani Mukherjee, Springer, ed. <i>Transcultural Negotiations of Gender</i>.</li><li>• Sita Anantha Raman. <i>Women in India- A Social and Cultural History</i>. Vols I &amp; II, ABC CLIO, LLC.</li><li>• Vandana Shiva. <i>Staying Alive: Women, Ecology and Survival in India</i>. Kali for Women.</li><li>• Geraldine Forbes. <i>Women in Modern India</i>. Cambridge University Press.</li></ul> <p>Films:</p> <p><i>Kunku</i> (1937) (Marathi) <i>Mahanagar</i> (1963) <i>Pratighat</i> (1987) <i>Mirch Masala</i> (1987) <i>Bandit Queen</i> (1994) <i>Hari Bhari</i> (2000) <i>Lajja</i> (2001) <i>Kovilpatti Veeralakshmi</i> (2003) <i>Matrubhoomi</i> (2003) <i>English Vinglish</i> (2012) <i>The World before Her</i> (2012) <i>Queen</i> (2014) <i>Pink</i> (2016) <i>Raazi</i> (2018)</p>	
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III	ENG GE 306	<b>GE-2 Contemporary India: Women and Empowerment</b>  1. Key Concepts: Sex and Gender, Socialization, Discrimination - Gendered and Sexual, Stereotyping, Feminism, Patriarchy, Femininities and Masculinities, Transgenders. 2. -The Creation of Patriarchy.    <i>The Creation of Patriarchy</i> by Gerda Lerner. 3. "A Wife's Letter." Rabindra Nath Tagore. Trans. Prasenjit Gupta. 4. "To Waris Shah." Amrita Pritam. Trans. by Amrita Pritam. <i>Selected Poems of Amrita Pritam</i> . A Dialogue Calcutta Publication. Ed. Pritish Nandy. 5. Malavika Karlekar. -Domestic Violence.    <i>Women's Studies in India</i> . Ed. Mary E. John. 6. Gogu Shyamala. -Raw Wound." <i>Father Maybe an Elephant and Mother Only a Small Basket, But...</i> 7. Rokeya Sakhawat Hossain: "Sultana's Dream" <i>Women Writing in India: 600 BC to the Present</i> . Vol. 1. New Delhi: OUP, 1995. Print. 8. Shivani: -Dadi.    (-Grandmother  ). <i>Women Writing in India: 600 BC to the Present</i> . Vol. 2. New Delhi: OUP, 1995. Print.	6
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**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 South Asia*. Bina Aggarwal. CUP, 1994.
- *50 Key Concepts in Gender Studies*. Jane Pilc Imelda Whelehan. Sage Publications, 2004.
- *Seeing Like a Feminist*. Nivedita Menon. Penguin, 2012.
- *Fields of Protest: Women's Movemen* Ray, ed. University of Minnesota Pr
- *Transcultural Negotiations o* Bhaduri and Indrani Mukherjee
- *Women in India- A Social an* & II, ABC CLIO, LLC. Sit
- *Staying Alive: Women,* Kali for Women. Vand
- *Women in Modern* 2004.

**Films:**

*Kunku* (1937) (  
*Mahanagar*  
*Pratighat*  
*Mirch*  
*Band*  
*H*





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<p>I</p>	<p>ENG DSC 102/ ENG HONS GE 101</p>	<p><b>DSC-1A English Literature-1 (Essays, Stories, and Poems)</b> (Core Course for students who choose English as Discipline and Generic Elective (Interdisciplinary) for Honours Students of other subjects) <b><u>Detailed Study:</u></b> UNIT-I i. -Deliverance by Prem Chand ii. -"Joothan"by Omprakash Valmiki iii. -Kallu by Ismat Chughtai iv. "Bosom Friend" by Hira Bansode <b>UNIT-II</b> i. "Girl" by Jamaica Kincaid ii. "A Prayer for my Daughter" by W. B. Yeats iii. "Yellow Fish" by Ambai iv. "Reincarnation of Captain Cook" by Margaret Atwood <b>UNIT-III</b> i. "Blackout" by Roger Mais ii. "Telephone Conversation" by Wole Soyinka iii. "Harlem" by Langston Hughes iv. "Still I Rise"by Maya Angelou <b><u>Non-Detailed Study:</u></b> <b>UNIT-IV</b> i. "Conscientious Objector"by Edna St. Vincent Millay ii. "General, Your Tank is a Powerful Vehicle"by Bertolt Brecht</p>	
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**DSC Course Code:**

**MEC 32 GENDER**

**ECONOMICS**

**Course Credits:**

**Unit I**

Concept of Gender and human development. Gender disaggregated data/gender statistics. From Women in Development to Gender and Development. Gender Inequality. Capability approaches. Perspectives on men and masculinities in economic development. Relationship between economic growth and gender equality, empowerment (emphasis on economic empowerment). Indicators of economic inequalities. Third gender and development: substance and indicators. Demographic changes and gender status. Gender interpretation of causes of demographic shift in birth rates. Child sex preferences and secondary sex ratio. Gender differences in mortality: concept and factors - biological, environment, discrimination and behavioural (lifestyle) factors. Socio-economic differences in mortality.

**Unit II**

Subject and methods of gender economics. Feminist economic critique of mainstream economics and alternatives. Feminist perspectives on economic methods and arguments. Neoliberal economic policies, international trade and investment. Trade, feminization and international gender wage inequality. Gender effects on macroeconomic theory and instability. Globalization of the world

economy and gender status: concepts such as feminization of poverty and multidimensional poverty. Women's contribution to GDP.

**Unit III**

Conceptualizing Women's Work: Productive/Reproductive Work and Formal/Informal work. Estimating Women's Work, Indian and International Debates. Issues in Participation; Occupations; Women and Globalization; Globalization and Economic Change; International Division of Labour.

Gender inequality in the labour market: entry into and exit from the labour market, careers, wages, skills training. Inequality and discrimination. Factors in wage disparities. Gender dimension of employment of youth and older persons.

**Unit IV**

Household economics: theoretical concepts and gender critique. Gender critique of the neo-Marxist approach. Gender critique of neo-classic household theory. The gender contract, negotiation models within families. Distribution of time: work in the labour market, work in the household, leisure time. Distribution of incomes (expenditures) in the household: inter-generational and gender aspect. Distribution of resources and decision-making mechanisms in households. Investments in human capital at household level and the sex factor. Accumulation of human capital over a life cycle. Household factors (reproductive, productive, structural, income-based, power-related) and employment of household members. Gender based marital and age-dependent migration.

**Unit V**

Gender policy: national, regional and global.

Practical policy solutions to the problem of gender inequality. Policies and strategies for reducing gender inequalities. Gender mainstreaming (including



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## Sociology Syllabus

### BA- 3<sup>rd</sup> Year

Discipline Specific Electives DSE- 2A Option- 2

Code: SOCL-A 306

### Course: Gender and

#### Course Ob

Unit	Topics
I	<b>Gendering Sociology:</b> (i) Sociology of Gender; Gender as a Social Construct (ii) Gender and Sex; Gender Roles
II	<b>Gender Differences and Inequalities:</b> (i) Concept of Gender Inequality; Gender based Division of Labour (ii) Gender and Caste; Gender and Class
III	<b>Gender Discrimination:</b> (i) Meaning, Causes and Consequences (ii) Remedial Measures for Removing Gender Discrimination
IV	<b>Gender Equality:</b> (i) Constitutional Provisions for Women; Quest for Gender Equality (ii) Women Empowerment: Meaning, Policies and Programmes for Women Empowerment; Women Movements

#### Suggested Readings

1. **Aggarwal, Bina.** 1988. 'Who Sows, Who Reaps?: Women and Land Rights in India', *Journal of Peasant Studies*, 15(4): 531-81.
2. **Alter, Joseph.** 1992. *The Wrestler's Body: Identity and Ideology in North India.* California: University of California Press.
3. **Bernard, Jessie.** 2002. 'The Husband's Marriage and the Wife's Marriage', in S. Jackson and S. Scott (eds.): *Gender: A Sociological Reader.* London: Routledge.
4. **Davis, Angela Y.** 1981. *Women, Race and Class.* London: Women's Press.
5. **Dube, Leela.** 1996. 'Caste and Women', in M.N. Srinivas (ed.): *Caste: It's Twentieth Century Avatar.* New Delhi: Penguin.
6. **Kandiyoti, Deniz.** 1991. 'Bargaining with Patriarchy', in Judith Lorber and Susan A. Farrell (eds.): *The Social Construction of Gender,* New Delhi: Sage Publications.
7. **Kumar, Radha.** 1999. 'From Chipko to Sati: The Contemporary Indian Women's Movement', in Nivedita Menon (ed.): *Gender and Politics in India.* New Delhi: Oxford University Press.
8. **Liz Stanley.** 2002. 'Should Sex Really be Gender or Gender Really be Sex' in S. Jackson and S. Scott (eds.): *Gender: A Sociological Reader.* London: Routledge.
9. **Nanda, Serena.** 1999. *Neither Man nor Woman.* Belmont CA: Wadsworth.



## HISTORY

### GE-1: HIST(A)309 Women In Indian History

7.B.

#### A. THIRD YEAR (GE I) GE-1: IDST (A) 309

##### Women in Indian History

- I. Theory and concepts
  - a. Understanding gender and patriarchy
  - b. Historiography: women's history in India
- II. Women in ancient India
  - a. Brahmanical and non- Brahmanical patriarchy in India
  - b. Women and property
- III. Women in medieval India
  - a. Political processes, the harem and household
  - b. Women and literary activities; Imperial women: Razia Sultan, Nur Jahan, Jahanara
- IV. Women in Modern India
  - a. Social reforms and women in the 19<sup>th</sup> century: social base, issues, achievements and limitations
  - b. Women and Indian Nationalism: Gandhi and women's participation; programmes; limitations and constraints



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## B.A. Political Science

Code: GE-2-POLS306

### Human Rights, Gender and Environment

Course Code	GE-2-POLS306	
Credits-6	L=Lecture	T=Tutorial
	L= 5	T =1
Course Type	GE	

#### 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 H

#### 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 exam + CCA/IA
5	5	10	10	30	11	100	40%

#### Course Content

Unit	Topic
I	Human Rights: Meanings and Scope. UN Declarations and Covenants.
II	Human Rights in India: Constitutional Provisions and Practices. The Role of National Human Rights Commission (NHRC).
III	Analyzing Structures of Patriarchy. Economic Development and Women. The Issue of Women Political Participation and Representation in India.
IV	Environmental and Sustainable Development. UN Environment Programme: Rio, Johannesburg and after. Environmental Policy in India.

#### Suggested Readings

1. Anil Agarwal and Sunita Narain (1991), **Global Warming and Unequal World: A Case of Environmental Colonialism**, Centre for Science and Environment, Delhi.
2. Upendra Baxi (2002) **The Future of Human Rights**, Oxford University Press, Delhi.
3. Andre Beteille (2003) **Antinomies of Society: Essays on Ideology and Institutions**, Oxford University Press, Delhi.
4. V. Geetha (2002) **Gender**, Stree Publications, Kolkata.
5. Ghanshyam Shah (1991) **Social Movements in India**, Sage Publications, Delhi.



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# Human Values & Professional Ethics

## Public Administration Syllabus

BA-III Year (Semester-V)

PUBA503

Code : DSE-01A; Option 02

Course: **Contemporary Issues and Concerns in Indian Administration**

Course Code	CODE-DSE:PUBA503	
Credits-6	L (L=Lecture)	T(T=Tutorial)
	L-5,	T-1
Course Type	Core Course/Major	

### Semester End Examination System:

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

### Continuous Comprehensive Assessment (CCA) Pattern:

Minor Test (Marks)	Class Test/Tutorials/Assignments /QUIZ/SEMINAR(Marks)	Attendance	Total Marks
15	10	5	30

Unit	Topic
I	Challenges of Globalization, Concerns of Public-Private-People Partnerships, Corporate Social Responsibility, Issues of Decentralization, Citizen- Centric Administration, <b>Human Rights National Human Rights Commission (NHRC)</b>
II	Good Governance, e-governance, citizen charter, consumer Protection Act 1986, RTI Act 2005
III	Women Empowerment, Welfare of weaker Sections: SC/ST and OBC's, Welfare of Children and Aged
IV	i. Environmental Administration Concept and Significance ii. Environmental Protection Act 1986 iii. National Green Tribunal, Centre Pollution control Board and State Pollution Control Board (with Reference to Himachal Pradesh)



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**Public Administration Syllabus**

**BA-II Year (Semester-IV)**

Skill Enhancement Course ;SEC-II

Code : SEC-01;PUBA402

**Course: Human Resource & Logistic Management**

Course Code	CODE-SEC:PUBA402	
Credits-4	L (L=Lecture)	T(T=Tutorial)
	L-2,	T-2
Course Type	Core Course/Major	

**Semester End Examination System:**

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

**Continuous Comprehensive Assessment (CCA) Pattern:**

Minor Test (Marks)	Class Test/Tutorials/Assignments /QUIZ/SEMINAR(Marks)	Attendance	Total Marks
15	10	5	30

Unit	Topic
I	i. Meaning, Nature, Scope & Significance of Human Resource Management (HRM) ii. Objective & Function of Human Resource Management iii. Qualities of Human Resource Manager/Personnel Manager
II	Human Resource Planning Meaning, Objectives and Need, Factors affecting Human Resource Planning, HR Problems.
III	Logistics-Concept, Principles and Forms, Logistics Management: Conceptual Framework Logistics Management: Components: Procurement of Material and Inventory Control (Economic Order Quantity, ABC and VED Analysis), Material Handling and Packaging, Transportation, Warehousing Storage and Security, Logistics Information System
IV	Logistic Management: Emerging Trends Green Logistics Effective Logistics Management: Challenges (Human Resource Management, Financial Management, Inventory/Materials. Outsourcing, Customer Satisfaction etc)

**Books Recommended:**

1. Allawadi, Satish Chand Rakesh P. Singh, 2001, Logistics Management (Second Edition), Prentice Hall India, New Delhi
2. Agarwal, D.K., 2012, Text book of logistics and Supply Chain Management (Reprint), Macmillan, Delhi.
3. Bhattacharya, S.K., 2010 Logistics Management-Definition, Dimensions and Functional Applications (Reprint), Sultan Chand and Sons, Delhi.
4. Ismail Reji, 2013 Logistics Management, Excel Books India, Delhi
5. Raghuram, G and N. Rangaraj, Logistics and Supply Chain Management-Cases and Concepts, Macmillan India, Delhi.
6. Sople, Vinod, V. 2013, Logistics Management 9Third edition). Dorling Kindersley India, New Delhi.



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## THEORY COURSE

COURSE CODE: PED305TH

(DSE-1A)

Credits: 6

(L=65+T=25+P=0) =90

Marks: (ETE=70+CCA=30)  
=100

### RECREATION

#### Unit-I

1. Meaning of Recreation, aims and objectives of Recreation.
2. Physical education and recreation.
3. Need and importance of recreation in modern age.
4. Arrangement of recreation centres.

#### Unit-II

1. Concept and meaning of camp, aims and objectives of camp.
2. Types of camp.
3. Agencies promoting camp.
4. **Educative value of camp.**

#### Unit-III

1. Types and nature of recreation.
2. Recreation providing agencies and recent changes in the recreational activities.
3. Responsibilities of a recreational manager.

#### Unit-IV

1. Meaning, importance and utilities of picnic.
2. Organization of picnic and essentials for picnic and factors affecting its organization.
3. **Educative value of picnic.**
4. Recreational and Adventurous Avenues in Himachal Pradesh (Water Games, Paragliding, Winter Games, Mountaineering and Trekking).





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<b>THIRD YEAR DSE-1A SKT-DSE-301 व्यक्तित्व विकास का भारतीय दृष्टिकोण</b>		पूर्णांक : 100 (इक्डोल एवं प्राईवेट विद्यार्थी) पूर्णांक: 100 (70+30) (रेगुलर विद्यार्थी) लिखित परीक्षा 70 अंक आन्तरिक मूल्यांकन : 30 अंक समय : तीन घण्टे
<b>(A) Prescribed Course:</b>		
Section 'A'	ऐतिहासिक दृष्टिकोण	
Section 'B'	व्यक्ति की अवधारणा	
Section 'C'	व्यक्तित्व के प्रकार	
Section 'D'	व्यवहार सुधार के मापदण्ड	
<b>(B) Unit Wise Division :</b>		
<b>Section 'A'</b> ऐतिहासिक दृष्टिकोण		
Unit I	ऋग्वेद-1.164.37 छान्दोग्योपनिषद्-6.2.3, 6.8.6, 8.1.4 बृहदारण्यकोपनिषद्, 2.5.18-19	
<b>Section 'B'</b> व्यक्ति की अवधारणा		
Unit II	व्यक्ति की अवधारणा- श्रीमद्भगवद्गीता, अध्याय 7 ( पद्य 1-30, जीव की अष्टधा प्रकृति) क्षेत्र और क्षेत्रज्ञ- श्रीमद्भगवद्गीता अध्याय-13, (श्लोक 1-2, 5-6, 19-23)क्षर और अक्षर- (अध्याय 15, श्लोक 7-11, 16-19)	
<b>Section 'C'</b> व्यक्तित्व के प्रकार		
Unit III	व्यक्तित्व के प्रकार- श्रीमद्भगवद्गीता ( अध्याय -14 श्लोक 5-14, अध्याय 17 श्लोक 2-6, 11-21)	
<b>Section 'D'</b> व्यवहार सुधार के मापदण्ड		
Unit IV	व्यवहार सुधार के प्रकार : मन और इन्द्रियों का नियन्त्रण श्रीमद्भगवद्गीता : अध्याय 2 : 59-60, 64-68 अध्याय 3 श्लोक 41-43 अध्याय 6 श्लोक 19-23 सम्यक् आस्था : श्रीमद्भगवद्गीता अध्याय 9, श्लोक 3, 22-28, 30-34 स्वधर्म की पहचान - अन्तरात्मा की आवाज : श्रीमद्भगवद्गीता अध्याय 2-श्लोक 31, 41-44; अध्याय 3 श्लोक 4,5,8,9, 27-30,33-34 अध्याय 4 श्लोक 18-22	

टिप्पणी - सभी वर्गों से प्रश्न पूछना अनिवार्य है।

<b>(C) Suggested Books/Readings</b>	
1.	Radhakrishana, The Bhagvadgita.
2.	Gita with Hindi Translation, Gita Press, Gorakhpur.



Govt college Kullu-175101

UGC -NAAC accredited B++institution

Phone No. &Fax -01902-222568

E-mail: gckullu-hp@nic.in

<b>FIRST YEAR DSC-1A SKT-DSC-101 संस्कृत काव्य</b>		पूर्णांक : 100 (इक्डोल एवं प्राईवेट विद्यार्थी) पूर्णांक: 100 (70+30) (रिगुलर विद्यार्थी) लिखित परीक्षा 70 अंक आन्तरिक मूल्यांकन : 30 अंक समय : तीन घण्टे
<b>(A) Prescribed Course:</b>		
Section 'A'	रघुवंशम्	
Section 'B'	शिशुपालवधम्	
Section 'C'	नीतिशतकम्	
Section 'D'	संस्कृत काव्य का इतिहास	
<b>(B) Unit-Wise Division:</b>		
<b>Section 'A'</b> <b>रघुवंशम्</b>		
Unit: I	कवि एवं काव्यपरिचय, सर्ग 1 (पद्य 1-10) सरलार्थ एवं व्याख्या, रघुवंशी राजाओं की विशेषताएं, राजा दिलीप की विशेषताएं	
Unit: II	सर्ग-1 पद्य (11-25) सरलार्थ एवं व्याख्या, प्रजा की भलाई में दिलीप का योगदान। रघुवंश नामकरण की सार्थकता, प्रदत्त विषय का परिचय।	
<b>Section 'B'</b> <b>शिशुपालवधम्</b>		
Unit I	कवि एवं विषय का परिचय। शिशुपालवध नामकरण की सार्थकता, प्रदत्त विषयवस्तु का परिचय। सर्ग-2 पद्य (26-37), व्याकरण, सरलार्थ, व्याख्या, काव्य-सौष्टव, विषयवस्तु विश्लेषण।	
Unit II	सर्ग-2 पद्य (42-56), व्याकरण, सरलार्थ, काव्य-सौष्टव, विषयवस्तु विश्लेषण माघे सन्ति त्रयो गुणाः, मेघे माघे गतं वयः, तावद् भा भारवेर्माति यावन्माघस्य नोदयः (इन उक्तियों का विश्लेषण)।	
<b>Section 'C'</b> <b>नीतिशतकम्</b>		
Unit I	पद्य 1-10, सरलार्थ, व्याख्या।	
Unit II	पद्य 11-20, सरलार्थ, व्याख्या, भर्तृहरि के सामाजिक अनुभव, मूर्खों के प्रकार	
<b>Section 'D'</b> <b>संस्कृत काव्य का इतिहास</b>		
Unit I	अश्वघोष, कालिदास, भारवि, माघ, श्रीहर्ष, जयदेव, भर्तृहरि तथा उनकी रचनाएँ।	
Unit II	महाकाव्य और गीतिकाव्य का उद्भव और विकास, उपर्युक्त कवियों और उनकी रचनाओं के संदर्भ में।	

टिप्पणी – सभी वर्गों से प्रश्न पूछना अनिवार्य है।



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<b>SECOND YEAR DSC-1C SKT-DSC-201 संस्कृत नाटक</b>		पूर्णांक : 100 (इक्डोल एवं प्राइवेट विद्यार्थी) पूर्णांक: 100 (70+30) (रेगुलर विद्यार्थी) लिखित परीक्षा 70 अंक आन्तरिक मूल्यांकन : 30 अंक समय : तीन घण्टे
<b>(A) Prescribed Course:</b>		
Section 'A'	कर्णभारम् (सम्पूर्ण)	
Section 'B'	अभिज्ञानशाकुन्तलम् : चतुर्थ अंक-कालिदास	
Section 'C'	संस्कृत नाट्यशास्त्रीय पारिभाषिक शब्दावली	
Section 'D'	संस्कृत नाटक का इतिहास तथा प्रमुख नाटकों का परिचय	
<b>(B) Unit-wise Division:</b>		
<b>Section 'A'</b> कर्णभारम् (सम्पूर्ण)		
Unit I	कर्णभार नाटक का परिचय, सरलार्थ, व्याख्या, काव्य सौष्टव और कथावस्तु।	
Unit II	हिन्दी व्याकरण, हिन्दी से संस्कृत में सरल अनुवाद	
<b>Section 'B'</b> अभिज्ञानशाकुन्तलम् : चतुर्थ अंक (कालिदास)		
Unit I	चतुर्थ अंक (क) परिचय, नांदी, प्रस्तावना, सूत्रधार, नटी, विष्कम्भक, विदूषक और कंचुकी आदि पारिभाषिक शब्दों की व्याख्या।	
Unit II	चतुर्थ अंक (ख) व्याकरण, सरलार्थ, व्याख्या, काव्य-सौष्टव और कथावस्तु तथा घटनाक्रम का समय निर्धारण एवं एकत्रि का मानवीकरण, अभिज्ञानशाकुन्तलम् का मनोवैज्ञानिक विश्लेषण, काव्येषु नाटक रम्यम्, उपना कालिदासस्य उक्तियों की समीक्षा।	
<b>Section 'C'</b> संस्कृत नाट्यशास्त्रीय संस्कृत पारिभाषिक शब्दावली		
Unit I	नाटक, नायक, नायिका, पूर्वरङ्ग, सूत्रधार, नेपथ्य।	
Unit II	अङ्क, स्वगत, प्रकाश, अपवारित, जनान्तिक, आकाशभाषित, प्रवेशक एवं भरतवाक्य।	
<b>Section 'D'</b> संस्कृत नाटक का इतिहास तथा प्रमुख नाटकों का परिचय		
Unit I	उद्भव और विकास।	
Unit II	प्रमुख नाटक एवं नाटककार (भास, कालिदास, शूद्रक, विशाखदत्त, हर्ष, भवभूति तथा उनकी रचनाएं।)	

टिप्पणी – सभी वर्गों से प्रश्न पूछना अनिवार्य है।



### छायावादोत्तर हिंदी कविता

प्रश्न पत्र : Discipline Specific Elective

(DSE-1B)

HIND306

Credits : 06

पूर्णांक : 100 (आई.सी.डी.ई.ओ.एल. एवं

प्राइवेट परीक्षार्थी)

पूर्णांक : 70 (रेगुलर परीक्षार्थी)

आन्तरिक मूल्यांकन : 30

समय : तीन घण्टे

#### इकाई - 1

- 1.1 सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' तथा गजानन माधव मुक्तिबोध का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 1.2 सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' तथा गजानन माधव मुक्तिबोध की काव्यगत विशेषताएँ
- 1.3 सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' : कविताएँ -  
कलगी बाजरे की  
यह दीप अकेला
- 1.4 गजानन माधव मुक्तिबोध : कविताएँ -  
भूल गलती  
एक रंग का राग

#### इकाई - 2

- 2.1 नागार्जुन तथा शमशेर बहादुर सिंह का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 2.2 नागार्जुन तथा शमशेर बहादुर सिंह की काव्यगत विशेषताएँ
- 2.3 नागार्जुन : कविताएँ -  
अकाल और उसके बाद  
कालिदास
- 2.4 शमशेर बहादुर सिंह : कविताएँ -  
सूना सूना पथ है, उदास झरना  
वह सलोना जिस्म

#### इकाई - 3

- 3.1 भवानी प्रसाद मिश्र तथा कुँवर नारायण का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 3.2 भवानी प्रसाद मिश्र तथा कुँवर नारायण की काव्यगत विशेषताएँ
- 3.3 भवानी प्रसाद मिश्र : कविताएँ -  
कहीं नहीं बचे  
गीत फरोश
- 3.4 कुँवर नारायण : कविताएँ -  
नचिकेता

#### इकाई - 4

- 4.1 सर्वेश्वरदयाल सक्सेना तथा केदारनाथ सिंह का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 4.2 सर्वेश्वरदयाल सक्सेना तथा केदारनाथ सिंह की काव्यगत विशेषताएँ



## आधुनिक भारतीय साहित्य

प्रश्न पत्र : Generic Elective Course

(GE-1)

HIND307

Credits : 06

पूर्णांक : 100 (आई.सी.डी.ई.ओ.एल. एवं

प्राइवेट परीक्षार्थी)

पूर्णांक : 70 (रेगुलर परीक्षार्थी)

आन्तरिक मूल्यांकन : 30

समय : तीन घण्टे

### इकाई - 1

- 1.1 स्वाधीनता संग्राम और भारतीय नवजागरण तथा उसका भारतीय साहित्य पर प्रभाव
- 1.2 भारतीय साहित्य और राष्ट्रियता

### इकाई - 2

- 2.1 महात्मा गांधी और महर्षि अरविंद का भारतीय साहित्य पर प्रभाव
- 2.2 मार्क्सवाद एवं अस्तित्ववाद का भारतीय साहित्य पर प्रभाव

### इकाई - 3

- 3.1 अनन्तमूर्ति : संस्कार उपन्यास
- 3.2 रवीन्द्रनाथ टैगोर : गीतांजलि - 1. वन्दना, 2. परिचय, 3. वरदान, 4. अरुण किरण, 5. सागर में ज्वार, 6. रात्रि परीक्षा, 7. शरत् सुन्दरी, 8. आषाढ़ की संध्या, 9. दिन ढल गया, 10. प्रिय व्यथा, 11. निर्झर, 12. अखण्ड आशा, 13. प्रकाश पुण्य, 14. रक्षा बन्धन, 15. सम्मान, 16. वसन्त, 17. अकेला दीप, 18. मैं हार गई, 19. एक बार, 20. गीत-सुधा

### इकाई - 4

- 4.1 विजय तेन्दुलकर : घासीराम कोतवाल

### प्राश्निक के लिए निर्देश :

1. प्रश्न पत्र दो भागों में विभक्त होगा। पहला भाग अनिवार्य है, जिसमें एक प्रश्न के अन्तर्गत 14 वस्तुनिष्ठ बहुविकल्पीय प्रश्न पूछे जाएंगे। वस्तुनिष्ठ प्रश्न समान रूप से चारों इकाइयों में से पूछे जाएंगे।  $14 \times 1 = 14$  अंक(रेगुलर, आई.सी.डी.ई.ओ.एल.एवं प्राइवेट)
2. दूसरे भाग के अन्तर्गत चार प्रश्न शत-प्रतिशत विकल्प के साथ चारों इकाइयों में से पूछे जाएंगे। सभी प्रश्न अनिवार्य होंगे। प्रत्येक प्रश्न को दो उपविभागों में विभाजित किया जाएगा, जिनमें प्रत्येक प्रश्न के लिए 7 अंक निर्धारित किए गए हैं।

$$7 + 7 = 14 \text{ अंक (रेगुलर)}$$

$$10\% + 10\% = 21\% \text{ अंक(आई.सी.डी.ई.ओ.एल.एवं प्राइवेट)}$$

### अंक विभाजन :

$$\text{रेगुलर} : 14 + 14(7+7) + 14(7+7) + 14(7+7) + 14(7+7) = 70 \text{ अंक}$$

आई.सी.डी.ई.ओ.एल.एवं प्राइवेट विद्यार्थियों के लिए दूसरे भाग के अन्तर्गत प्रत्येक प्रश्न 21½ अंको का होगा।  $14 + 21\% + 21\% + 21\% + 21\% = 100$  अंक



## चलचित्र लेखन

प्रश्न पत्र : Skill Enhancement Course

(SEC-4)

HIND303

Credits : 04

पूर्णांक : 100 (आई.सी.डी.ई.ओ.एल. एवं

प्राइवेट परीक्षार्थी)

पूर्णांक : 70 (रेगुलर परीक्षार्थी)

आन्तरिक मूल्यांकन : 30

समय : तीन घण्टे

### इकाई - 1

- 1.1 भारतीय सिनेमा का इतिहास।
- 1.2 हिन्दी की आरंभिक मूक और सवाक् फिल्मों।
- 1.3 विगत शताब्दी की लोकप्रिय हिन्दी फिल्मों, लोकप्रिय फिल्मी गीत तथा प्रसिद्ध संवाद।

### इकाई - 2

- 2.1 प्रमुख निर्देशक एवं अभिनेता।
- 2.2 हॉलीवुड फिल्मों की हिन्दी डबिंग।
- 2.3 बॉलीवुड का हिन्दी फिल्मी उद्योग।

### इकाई - 3

- 3.1 फिल्म निर्माण की प्रक्रिया।
- 3.2 हिन्दी पटकथा लेखन (सिनेरियो) का क्रमिक विकास, संवाद लेखन-प्रणाली या प्रविधि।
- 3.3 रीमेक फिल्मों का भाषिक पक्ष, समकालीन हिन्दी फिल्मों की भाषिक संरचना।

### इकाई - 4

- 4.1 वृत्त चित्र की निर्माण पद्धति, फीचर।
- 4.2 हिन्दी में निर्मित विज्ञापन फिल्मों (एड्-फिल्में)।
- 4.3 फिल्मी अभिनेताओं द्वारा उच्चारित संवादों का स्वनिम के आधार पर विश्लेषण।
- 4.4 हिन्दी की विश्व व्याप्ति में फिल्मों की भूमिका। हिन्दी की प्रमुख फिल्मों के आधार पर भाषिक संरचना का व्यावहारिक प्रशिक्षण- देवदास (तीनों निर्मितियों) तथा शोले।

### प्राश्निक के लिए निर्देश :

1. प्रश्न पत्र दो भागों में विभक्त होगा। पहला भाग अनिवार्य है, जिसमें एक प्रश्न के अन्तर्गत 14 वस्तुनिष्ठ बहुविकल्पीय प्रश्न पूछे जाएंगे। वस्तुनिष्ठ प्रश्न समान रूप से चारों इकाइयों में से पूछे जाएंगे।  $14 \times 1 = 14$  अंक(रेगुलर, आई.सी.डी.ई.ओ.एल.एवं प्राइवेट)
2. दूसरे भाग के अन्तर्गत चार प्रश्न शत-प्रतिशत विकल्प के साथ चारों इकाइयों में से पूछे जाएंगे। सभी प्रश्न अनिवार्य होंगे। प्रत्येक प्रश्न को दो उपविभागों में विभाजित किया जाएगा, जिनमें प्रत्येक प्रश्न के लिए 7 अंक निर्धारित किए गए हैं।

$7 + 7 = 14$  अंक (रेगुलर)

$10\% + 10\% = 21\frac{1}{2}$  अंक(आई.सी.डी.ई.ओ.एल.एवं प्राइवेट)

### अंक विभाजन :

**रेगुलर** :  $14 + 14(7+7) + 14(7+7) + 14(7+7) + 14(7+7) = 70$  अंक

**आई.सी.डी.ई.ओ.एल.एवं प्राइवेट** विद्यार्थियों के लिए दूसरे भाग के अन्तर्गत प्रत्येक प्रश्न  $21\frac{1}{2}$  अंको का होगा।  $14 + 21\frac{1}{2} + 21\frac{1}{2} + 21\frac{1}{2} + 21\frac{1}{2} = 100$  अंक



## मध्यकालीन हिंदी कविता

प्रश्न पत्र : Core Course  
(DSC-1B)  
HIND103

Credits : 06

पूर्णांक : 100 (आई.सी.डी.ई.ओ.एल. एवं

प्राइवेट परीक्षार्थी)

पूर्णांक : 70 (रेगुलर परीक्षार्थी)

आन्तरिक मूल्यांकन : 30

समय : तीन घण्टे

### इकाई - 1

- 1.1 कबीर तथा सूरदास का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 1.2 कबीर तथा सूरदास की काव्यगत विशेषताएँ  
पाठ्यपुस्तक - कबीर ग्रंथावली, सं० श्यामसुन्दर दास, काशी नागरी प्रचारिणी सभा ।
- 1.3 कबीर की साखियाँ - गुरुदेव को अंग दोहा संख्या 3, 4  
कुसंगति को अंग 6, 7  
कस्तुरिया युग को अंग 4, 9  
कबीर के पद - 1, 2, 15, 16  
पाठ्यपुस्तक - भ्रमरगीत सार (सं०) रामचन्द्र शुक्ल
- 1.4 सूरदास के पद - 1, 2, 43, 44, 111, 115, 354, 355, 387, 402

### इकाई - 2

- 2.1 तुलसीदास तथा मीरांबाई का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 2.2 तुलसीदास तथा मीरांबाई की काव्यगत विशेषताएँ  
पाठ्यपुस्तक - कवितावली, गीताप्रेस गोरखपुर, सं० 2052, 36वां संस्करण
- 2.3 बालकांड - 1  
उत्तरकांड - 96, 106  
विनय पत्रिका - पद संख्या - 105, 111, 162  
पाठ्यपुस्तक - मीरांबाई की पदावली, सं० आचार्य परशुराम चतुर्वेदी, हिन्दी साहित्य सम्मेलन
- 2.4 मीरांबाई के पद - 5, 17, 18, 19, 22, 23, 25, 41, 73, 158

### इकाई - 3

- 3.1 रसखान तथा बिहारी का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 3.2 रसखान तथा बिहारी की काव्यगत विशेषताएँ  
पाठ्यपुस्तक - रसखान रचनावली, सं० विद्यानिवास मिश्र, सत्यदेव मिश्र, वाणी प्रकाशन, दिल्ली, सं० 1993 ।
- 3.3 रसखान के पद - 1, 2, 3, 4, 5, 6, 7  
पाठ्यपुस्तक - बिहारी रत्नाकर, सं० जगन्नाथ रत्नाकर प्रकाशन संस्थान, नई दिल्ली
- 3.4 बिहारी के दोहे - 2, 15, 20, 25, 38, 46, 69, 70, 110, 123



## आधुनिक हिंदी कविता

प्रश्न पत्र : Core Course  
(DSC-1C)  
HIND202

Credits : 06

पूर्णांक : 100 (आई.सी.डी.ई.ओ.एल. एवं  
प्राइवेट परीक्षार्थी)

पूर्णांक : 70 (रिगुलर परीक्षार्थी)

आन्तरिक मूल्यांकन : 30

समय : तीन घण्टे

### इकाई - 1

- 1.1 भारतेन्दु हरिश्चन्द्र तथा अयोध्या सिंह उपाध्याय 'हरिऔध' का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 1.2 भारतेन्दु हरिश्चन्द्र तथा अयोध्या सिंह उपाध्याय 'हरिऔध' की काव्यगत विशेषताएँ
- 1.3 भारतेन्दु हरिश्चन्द्र : कविताएँ -  
भारत दुर्दशा  
वर्षा विनोद  
प्रेम शालिका  
प्रेमाश्रु वर्षण
- 1.4 अयोध्या सिंह उपाध्याय 'हरिऔध' : कविताएँ -  
प्रिय प्रवास  
दुखिया के आँसू  
एक बूँद  
काँटा और फूल

### इकाई - 2

- 2.1 मैथिलीशरण गुप्त तथा जयशंकर प्रसाद का व्यक्तित्व एवं कृतित्व : सामान्य परिचय
- 2.2 मैथिलीशरण गुप्त तथा जयशंकर प्रसाद की काव्यगत विशेषताएँ
- 2.3 मैथिलीशरण गुप्त : कविताएँ -  
भारत भारती  
मातृभूमि  
आशा  
सन्देश
- 2.4 जयशंकर प्रसाद : कविताएँ -  
ले चल वहाँ भुलावा देकर  
बीती विभावरी जाग री  
अरुण यह मधुमय देश हमारा  
हृदय का सौंदर्य





## हिंदी गद्य साहित्य

प्रश्न पत्र : Core Course

(DSC-1D)

HIND203

Credits : 06

पूर्णांक : 100 (आई.सी.डी.ई.ओ.एल. एवं प्राइवेट परीक्षार्थी)

पूर्णांक : 70 (रेगुलर परीक्षार्थी)

आन्तरिक मूल्यांकन : 30

समय : तीन घण्टे

### इकाई - 1

- 1.1 जैनेन्द्र कुमार : व्यक्तित्व एवं कृतित्व
- 1.2 उपन्यास : त्यागपत्र - पाठपरक अध्ययन
- 1.3 त्यागपत्र : तात्विक समीक्षा

### इकाई - 2

- 2.1 प्रेमचंद, जयशंकर प्रसाद, यशपाल एवं उषा प्रियंवदा का व्यक्तित्व एवं कृतित्व
- 2.2 निम्नलिखित कहानियों का पाठपरक अध्ययन  
कहानी : नमक का दरोगा - प्रेमचंद  
आकाशदीप - जयशंकर प्रसाद  
परदा - यशपाल  
वापसी - उषा प्रियंवदा
- 2.3 उपर्युक्त कहानियों की तात्विक समीक्षा

### इकाई - 3

- 3.1 रामचन्द्र शुक्ल तथा हजारीप्रसाद द्विवेदी का व्यक्तित्व एवं कृतित्व
- 3.2 निम्नलिखित निबन्धों का पाठपरक अध्ययन  
निबन्ध : लोभ और प्रीति - रामचन्द्र शुक्ल  
कुटज - हजारीप्रसाद द्विवेदी
- 3.3 उपर्युक्त निबन्धों की तात्विक समीक्षा

### इकाई - 4

- 4.1 महादेवी वर्मा तथा प्रभा खेतान का व्यक्तित्व एवं कृतित्व
- 4.2 निम्नलिखित निबन्धों का पाठपरक अध्ययन  
निबन्ध : संस्कृति और शिक्षा (चिन्तन के क्षण संग्रह से) - महादेवी वर्मा  
भूमण्डलीकरण, धार्मिक समाज और पूँजीवाद - प्रभा खेतान
- 4.3 उपर्युक्त निबन्धों की तात्विक समीक्षा



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## B.A. Political Science

Code: GE-2-POLS306

### Human Rights, Gender and Environment

Course Code	GE-2-POLS306	
Credits-6	L =Lecture	T= Tutorial
	L= 5	T =1
Course Type	GE	

#### 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 H

#### 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 percentage annual exam +CCA/IA
5	5	10	10	30	11	100	40%

#### Course Content

Unit	Topic
I	Human Rights: Meanings and Scope. UN Declarations and Covenants.
II	Human Rights in India: Constitutional Provisions and Practices. The Role of National Human Rights Commission (NHRC).
III	Analyzing Structures of Patriarchy. Economic Development and Women. The Issue of Women Political Participation and Representation in India.
IV	Environmental and Sustainable Development. UN Environment Programme: Rio, Johannesburg and after. Environmental Policy in India.

#### Suggested Readings

1. Anil Agarwal and Sunita Narain (1991), **Global Warming and Unequal World: A Case of Environmental Colonialism**, Centre for Science and Environment, Delhi.
2. Upendra Baxi (2002) **The Future of Human Rights**, Oxford University Press, Delhi.
3. Andre Beteille (2003) **Antinomies of Society: Essays on Ideology and Institutions**, Oxford University Press, Delhi.
4. V. Geetha (2002) **Gender**, Stree Publications, Kolkata.
5. Ghanshyam Shah (1991) **Social Movements in India**, Sage Publications, Delhi.



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**B.Com.: Year III**

**Paper BC 3.1 (a): HUMAN RESOURCE MANAGEMENT**

**Duration: 3 hrs.**

**Marks: 70(Regular students)  
100 (ICDEOL students)**

**Lectures: 65**

**Objective:** The course aims to acquaint students with the techniques and principles to manage human resource of an organization.

**Contents**

UNIT	TOPIC	DETAILS
1	Introduction	Human Resource Management: Concept and Functions, Role, Status and competencies of HR Manager, HR Policies, Evolution of HRM vs HRD. Emerging Challenges of Human Resource Management Workforce diversity; Empowerment; Downsizing; VRS; Human Resource Information
2	Acquisition of Human Resource	Human Resource Planning- Quantitative and Qualitative dimension job analysis – job description and job specification; Recruitment Concept and sources; Selection – Concept and process; test and interview; placement and induction.
3	Training and Development	Concept and Importance; Identifying Training and Development Needs; Designing Training Programmes; Role-Specific and Competency-Based Training; Evaluating Training Effectiveness; Training Process Outsourcing; Management Development; Career Development.
4	Performance Appraisal	Nature, objectives and importance; Modern techniques performance appraisal; potential appraisal and employee counselling; job changes - transfers and promotions; Compensation: concept and policies; job evaluation; methods of wage payments and incentive plans; fringe benefits; performance linked compensation
5	Maintenance	Employee health and safety; employee welfare; social security; Employer-Employee relations- an overview; grievance-handling and redressal; Industrial Disputes: causes and settlement machinery



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## CHEM 307

### CHEMICAL TECHNOLOGY & SOCIETY and BUSINESS SKILLS FOR CHEMISTRY

Max. Marks: 70

03 Hours

Credits: 4

Time allowed:

#### 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

##### 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.



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**CHEM 204**  
**FUEL CHEMISTRY**  
**&**

**CHEMISTRY OF COSMETICS & PERFUMES**

**Max. Marks: 80**

**03 Hours**

**Credits: 4**

**Time allowed:**

**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 20 marks and consists of 10 objective type questions (in MCQ/true and false / fill in the blanks) of one mark each and 5 short answer questions of two marks each covering the entire 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**

**Review of energy sources (renewable and non-renewable). Classification of fuels and their calorific value.**

Coal: Uses of coal (fuel and nonfuel) in various industries, its composition, carbonization of coal. Coal gas, producer gas and water gas—composition and uses. Fractionation of coal tar, uses of coal tar bases chemicals, requisites of a good metallurgical coke, Coal gasification (Hydro gasification and Catalytic gasification), Coal liquefaction and Solvent Refining.

Petroleum and Petrochemical Industry: Composition of crude petroleum, Refining and different types of petroleum products and their applications.

(18 Hours)

**SECTION-B**

Fractional Distillation (Principle and process), Cracking (Thermal and catalytic cracking), Reforming Petroleum and non-petroleum fuels (LPG, CNG, LNG, bio-gas, fuels derived from biomass), fuel from waste, synthetic fuels (gaseous and liquids), clean fuels. Petrochemicals: Vinyl acetate, Propylene oxide, Isoprene, Butadiene, Toluene and its derivatives Xylene.

Lubricants: Classification of lubricants, lubricating oils (conducting and non-conducting) Solid and semisolid lubricants, synthetic lubricants. Properties of lubricants (viscosity index, cloud point, pour point) and their determination.

(18 Hours)

**SECTION-C**

A general study including preparation and uses of the following: Hair dye, hair spray, shampoo, suntan lotions, facepowder, lipsticks, talcum powder, nail enamel, creams (cold, vanishing and shaving creams), antiperspirants and artificial flavours.



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**(BOTA 304)**

**(Credits: Theory-4, Practicals-2)**

**THEORY Lectures: 60**

**SECTION A**

**Unit 1: Introduction to Bioinformatics (5 Lectures)**

Introduction, Branches of Bioinformatics, Aim, Scope and Research areas of Bioinformatics.

Unit 2: Databases in Bioinformatics

(5 Lectures)

Introduction, Biological Databases, Classification format of Biological Databases, Biological Database Retrieval System.

**SECTION B**

Unit 3 : Biological Sequence Databases

(25 Lectures)

National Center for Biotechnology Information (NCBI): Tools and Databases of NCBI, Database Retrieval Tool, Sequence Submission to NCBI, Basic local alignment search tool (BLAST), Nucleotide Database, Protein Database, Gene Expression Database.

EMBL Nucleotide Sequence Database (EMBL-Bank): Introduction, Sequence Retrieval, Sequence Submission to EMBL, Sequence analysis tools.

DNA Data Bank of Japan (DDBJ): Introduction, Resources at DDBJ, Data Submission at DDBJ.

Protein Information Resource (PIR): About PIR, Resources of PIR, Databases of PIR, Data Retrieval in PIR.

Swiss-Prot: Introduction and Salient Features.



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**B.Com.: Year I**

**Paper BC 1.2: BUSINESS ORGANISATION AND  
MANAGEMENT**

**Duration: 3 hrs.**

**Marks: 70(Regular students)**

**Lectures: 65**

*100 (ICDEOL students)*

**Objective:** The course aims to provide basic knowledge to the students about the organization and management of a business enterprise.

*Contents*

UNIT	TOPIC	DETAILS
1	<b>Foundation of Indian Business</b>	Manufacturing and service sectors; Small and medium enterprises; Problems and government policy. India's experience of liberalisation and globalisation. Technological innovations and skill development. 'Make in India' Movement. <b>Corporate Social responsibility and ethics</b> . Emerging opportunities in business; Franchising, Outsourcing, and commerce.
2	<b>Business Enterprises</b>	Forms of Business Organisation: Sole Proprietorship, Joint Hindu Family Firm, Partnership firm, Joint Stock Company, Cooperative society; Limited Liability Partnership; Choice of Form of Organisation. Government - Business Interface; Rationale and Form of Public Enterprises. International Business. Multinational Corporations.
3	<b>Management and Organisation</b>	The Process of Management: Planning; Decision-making; Strategy Formulation. Indian Philosophy of Management: The Gita and Management, Gandhian Philosophy. Organizing: Basic Considerations; Departmentation – Functional, Project, Matrix and Network; Delegation and Decentralisation Authority; Groups and Teams.
4	<b>Leadership, Motivation and Control</b>	Leadership: Concept and Styles; Trait and Situational Theory of Leadership. Motivation: Concept and Importance; Maslow Need Hierarchy Theory; Herzberg Two Factors Theory. Communication: Process and Barriers; Control: Concept and Process.



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.Com.: Year III

**Paper BC 3.1(c): CORPORATE GOVERNANCE AND AUDITING**

**Duration: 3 hrs.**

**Marks: 70(Regular students)**

**Lectures: 65**

**100 (ICDEOL students)**

**Objective:** The course aims to provide knowledge of Corporate Governance, Business Ethics and Corporate Social Responsibility principles, procedures and techniques in accordance with current legal requirements and professional standards and to give an overview of the principles of auditing.

**Contents**

UNIT	TOPIC	DETAILS
1	Corporate Governance	Evolution of Corporate Governance; Developments in India, Regulatory Framework of Corporate Governance in India, SEBI Guidelines on Corporate Governance; Reforms in Companies Act, Clause 49 and Listing Agreement. Corporate management vs. Governance; Internal constituents of the Corporate Governance.
		Theories & Models, Broad Committees; Major Corporate Scandals in India and Abroad- Relevant case Studies; Common Governance Problems Noticed in various Corporate Failures. Codes & Standards on Corporate Governance.
2	Business Ethics	Introduction to Business Ethics: The concept, nature and growing significance of Ethics in Business, Ethical principles in Business, Ethics in Management, Theories of Business Ethics. Codes of ethics, ethics committee Morality and ethics, business values and ethics. Ethical Issues in Business: Ethics in various Functional Areas of Business: Ethics in Finance, Ethics in HRM, Ethics in Marketing, Environmental Ethics.
3	Corporate Social Responsibility (CSR)	Concept of CSR, Corporate Philanthropy, CSR and Corporate Sustainability; CSR and Business Ethics, CSR provisions under the Companies Act 2013; CSR Committee; CSR Models, Codes, and Standards on CSR. Rating Agencies; Green Governance; Concept of Whistle blower.





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## Bachelors in Business Administration

### BBA-1<sup>st</sup> Year (2<sup>nd</sup> Semester)

#### Course: ETHICS AND CORPORATE SOCIAL RESPONSIBILITY

<b>Course Code-204</b>		
Credits 06	Lectures =04	Tutorials =02
Course Type	Generic Elective/Interdisciplinary Course(GE-02)	
Lectures to be Delivered	1 hr. Each(L=60, T=20)	

#### Semester End Examination System

<b>Maximum Marks Allotted</b>	<b>Minimum Pass Marks</b>	<b>Time Allowed</b>
70	32	3:00 hrs.

#### Continuous Comprehensive Assessment (CCA) Pattern:

<b>Minor Test(Marks)</b>	<b>Class Test/Tutorials/ Assignments (Marks)</b>	<b>Attendance(Marks)</b>	<b>Total Marks</b>
15	10	05	30

**Objective:** The objective of this paper is to make the students more clear about the importance of ethics in business and practices of good corporate governance; It also talks about the corporate social responsibility.

#### Course Contents

UNIT	TOPIC	DETAILS
1	(a) Conceptual framework of business ethics  b) Moral Issues in business	Business ethics: Meaning of ethics, why ethical problems occur in business. Ethical principles in business; Theories of Business Ethics, Globalization and Business Ethics.  An alternative to moral principles; Moral issues in Business; Worker's and employee's right and responsibilities, profit maximization vs social responsibility.



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2	<p>(a) Corporate Governance</p> <p>b) Major Corporate Governance Failures</p>	<p>Concept, Need to improve corporate governance standards, Features of good governance, Models of Corporate Governance, Benefits of Good Corporate Governance.</p> <p>Junk Bond Scam(USA),Enron(USA),Andersen Worldwide(USA),Satyam Computer Services Ltd.(India); Common Governance Problems Noticed in various corporate failures is corporate Governance always the cause for Corporate failures?</p>
3	<p>a) Concept of Corporate social responsibility</p> <p>b) Issues in CSR</p>	<p>Meaning, Evolution of corporate social responsibility, CSR and Corporate Sustain ability, Business social performance.</p> <p>Environmental aspect of CSR, Common indicators for measuring social responsibility, CSR Models, Drivers of CSR</p>
4	<p>a)Regulatory Framework of Corporate Governance</p> <p>(a) Role of auditing in corporate governance</p>	<p>Role played by regulators to improve corporate governance, accounting standards and corporate governance, corporate disclosure, insider trading, SEBI Norms based on KM Birla Committee Clause 49 of Listing Agreement.</p> <p>Role of auditors in enhancing corporate governance, duties and responsibility of auditors, corporate governance and internal auditors, Whistle blowing: kinds of whistle blowing, precluding the need for whistle blowing discrimination,.</p>



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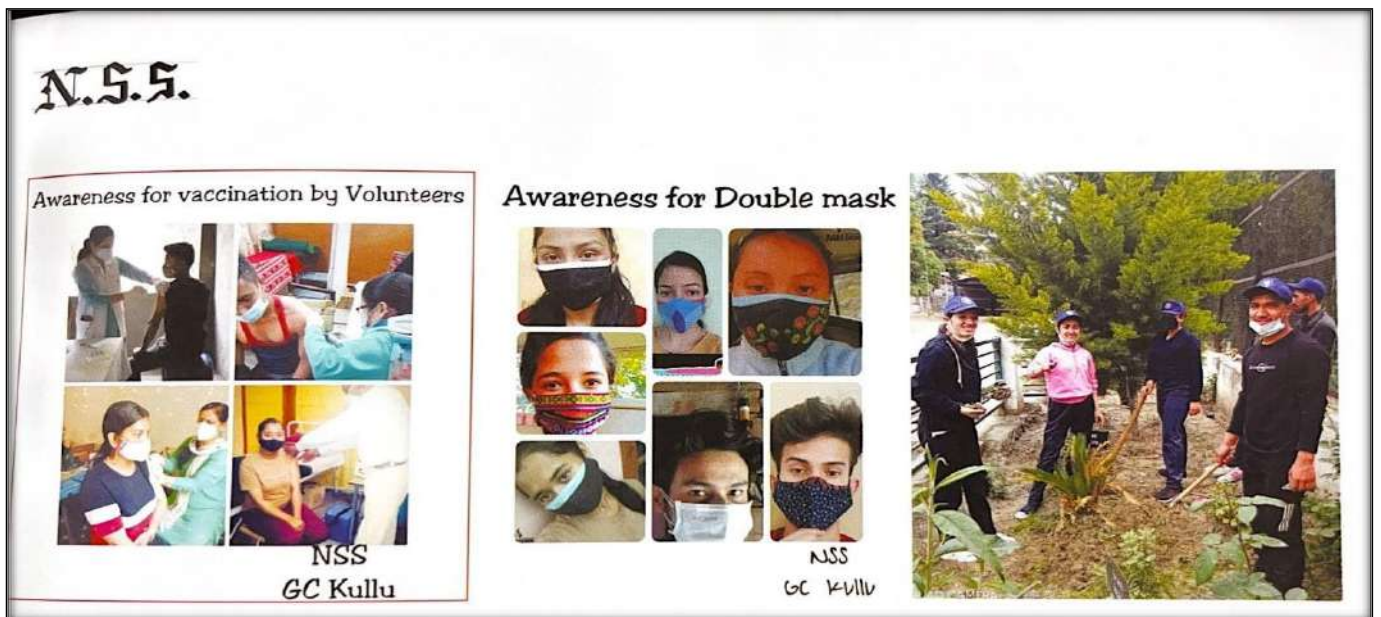
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## Activities/ Photographs

### NATIONAL SERVICE SCHEME(NSS) GOVT. COLLEGE KULLU



# कॉलेज के स्वयंसेवियों ने दिया रैली से स्वच्छता का संदेश

लोगों से पॉलिथीन का उपयोग न करने की लोगों से की अपील  
संवाद न्यूज एजेंसी

कुल्लू/गुरौणी। कुल्लू महाविद्यालय के एनएसएस स्वयंसेवियों ने रैली निकाल स्वच्छता का संदेश दिया। स्वयंसेवियों ने मंगलवार को महाविद्यालय परिसर से रैली शुरू की।

यह रैली अस्पताल सड़क, न्यायालय, पुलिस अधीक्षक कार्यालय, ढालपुर चौक, सर्कुलर रोड़, जिला पुस्तकालय होते हुए वापस महाविद्यालय पहुंची। इसके माध्यम से स्वयंसेवियों ने मिलकर ग्रीन मिटी, क्लीन मिटी की थीम पर लोगों को जागरूक किया। महाविद्यालय के एनएसएस कार्यक्रम अधिकारी डॉ. खेमराज ने



एनएसएस स्वयं सेवियों ने कुल्लू शहर में निकाली स्वच्छता रैली। -संवाद

कहा कि रैली के माध्यम से लोगों पॉलिथीन का इस्तेमाल नहीं करने की अपील की और दुष्प्रभाव बताए।

वहीं, उपमंडल बंजार की राजकीय माध्यमिक पाठशाला गुरौणी में एनएसएस शिविर का आयोजन किया जा रहा है। शिविर के तहत मंगलवार को स्वयंसेवियों

ने स्कूल परिसर समेत गुरौणी बाजार तथा माता गाढ़ादुर्गा मंदिर परिसर को साफ-सफाई की। प्रवक्ता तेजेंद्र शर्मा तथा एनएसएस प्रभारी मोनिका ने कहा कि स्वयं सेवी छात्रों को शिविर में एनएसएस के कार्यों कर्तव्यों व समाज सेवा के प्रति जागरूक किया जाएगा।



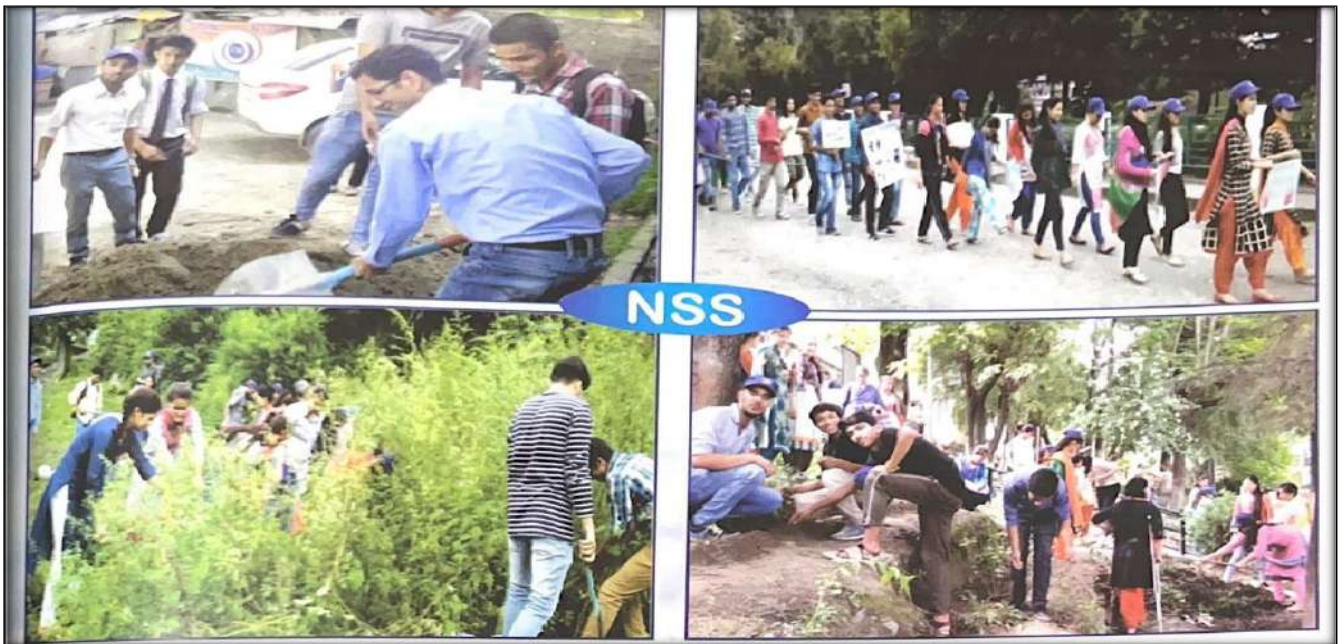


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**पंजाब केसरी** THU,30 DECEMBER 2021  
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## रैली निकाल कोरोना वैक्सीन लगाने के लिए किया जागरूक

कुल्लू : सुल्तानपुर छात्रा स्कूल की छात्राएं रैली निकालकर लोगों को कोरोना वैक्सीन को लेकर जागरूक करती हुई।  
 (दिलीप)

कुल्लू : कुल्लू शहर के साथ लगते बालाबहेड़ में सफाई करते हुए कुल्लू महाविद्यालय के एन.एस.एस. वालंटियर।  
 (दिलीप)



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## ROVER AND RANGER UNIT

### GC KULLU

**ROVER & RANGER unit of GC Kullu helping the distressed people of slum area of Sarvari by distributing eatables especially to children who have been shifted to safe area of town...The are also advising people not to stand as spectator along river...**



**Rover and Ranger...** · Follow

14 Mar 2018

नशे को रोकने के लिए युवाओं का आगे आना अनिवार्य :- ASP निश्चित नेगी आज बैठक में टीम सहभागिता के सदस्यों को सम्बोधित करते हुए जिला कुल्लू के अतिरिक्त पुलिस अधीक्षक निश्चित नेगी ने कहा कि आज जिला कुल्लू के कुछ एक क्षेत्रों में नशा मानवता का गला घोट रहा है इस की बढ़ती रफ्तार को रोकने के लिए जब तक युवाओं की सोच साकारत्मक न हो तो तब तक एक उज्वल भारत की कामना करना मुश्किल है अतः हम सभी को एक जुट होकर नशे को खत्म करने के लिए आगे आना होगा ।



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## Second day of relief work by ROVER & RANGER unit of GC Kullu at Bhuntar slum camp...



Rover and Ranger unit G.C. Kullu

14 Mar 2018 • Kullu •



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## WOMEN CELL GOVT COLLEGE KULLU

Women Cell of G C Kullu has always initiated various steps to improve the status of women and worked for their economic empowerment

### TEACHING WOMEN IN SLUM AREAS

Sl. No.	Particular	Remarks
1	Date / दिनांक	11 <sup>th</sup> Dec 2021
2	Name of Activity / गतिविधि का नाम	Teaching the slum area ladies
3	Name of Unit/Agency/Department Organizing the Activity / गतिविधि आयोजित करने वाली इकाई / संस्था / विभाग का नाम	Women Cells GC Kullu
4	Name of Collaborating Agency (If Any) / सहयोगी संस्था का नाम	Happy Captains foundation
5	No. of Student Participants / भाग लेने वाले विद्यार्थियों की संख्या	15
6	No. of Teacher Participants / भाग लेने वाले प्राध्यापकों की संख्या	06
7	Brief Report / संक्षिप्त प्रतिवेदन	<p>In order to make the females of society strong and independent the women cell GC Kullu motivated the students to teach the illiterate ladies of slum area of Kullu. Our volunteer has been teaching them since 11<sup>th</sup> Dec 2021. Women cell is determined to make the poor ladies literate and also to make them aware about their rights and their health. Books were donated to them. This is a small contribution of Women GC Kullu for the welfare of society.</p>

Organizer / आयोजक  
Convener, Women Cells GC Kullu

Principal / प्राध्यापक  
Govt. College Kullu (H.P.)







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Govt. College Kullu (H.P.)  
College Activity  
महाविद्यालय की गतिविधि

Sr. No.	Particular	Remarks
1	Date / दिनांक	09-10-2021
2	Name of Activity गतिविधि का नाम	Yoga Camp
3	Name of Unit/Agency/Department Organizing the Activity गतिविधि आयोजित करने वाली इकाई / संस्था / विभाग का नाम	Women Cell GC Kullu
4	Name of Collaborating Agency (if Any) सहयोगी संस्था का नाम	Rishi Achyutnig Yog Science (RAYS), Kullu
5	No. of Student Participants भाग लेने वाले विद्यार्थियों की संख्या	105
6	No. of Teacher Participants भाग लेने वाले प्राध्यापकों की संख्या	15
7	Brief Report संक्षिप्त प्रतिवेदन	<p>Women Cell Kullu college organised one day yog camp on 9th Oct 2021 at 8am to make the girl students aware about the benefits of yog in their daily life. Renowned Yogacharya Bhuvanesh from RAYS foundation illustrated different 'asana' and breathing exercises. He explained the importance of yog to improve the physical and mental health of the persons. Dr. Roshan Lal, principal graced the occasion by performing yog with the students and staff members.</p>

Organizer  
 आयोजक

Principal  
 Govt. College Kullu (H.P.)





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## HEALTH CAMP





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