

SYLLABUS

(CORE MODULES SYLLABUS FOR ENVIRONMENT STUDIES FOR UNDERGRADUATE COURSES OF ALL BRANCHES OF HIGHER EDUCATION)

UNIT 1

The multidisciplinary nature of environment studies. Definition, scope and importance. (2 Lectures)

Need of public awareness.

Natural resources : Renewable and non-renewable resources : Natural resources and associated problems.

(a) Forest resources : Use and over-exploitation, deforestation, case studies, timber extraction, mining, dams and their effects on forest and tribal people.

(b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams—benefits and problems.

(c) Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

(d) Food resources : World food problem, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizers, pesticide problems, water logging, salinity, case studies.

(e) Energy resources : Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, case studies.

(f) Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

Role of an individual in conservation of natural resources.

Equitable use of resources for sustainable life styles. (8 Lectures)

UNIT 2

ECOSYSTEMS : Concept of an ecosystem.

Structure and function of an ecosystem.

Producers, consumers and decomposers.

Energy flow in the ecosystem.

Ecological succession.

Food chains, food webs and ecological pyramids.

Introduction, types, characteristic, features, structure and function of the following ecosystem :

(a) Forest ecosystem,

Grassland ecosystem,

System,

Wetland ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) (6 Lectures)

UNIT 3

Biodiversity and its conservation.

Introduction : Definition, genetic species and ecosystem diversity.

Biogeographical classification of India.



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Value of biodiversity, consumptive use, productive use, social ethical, aesthetic and option values.

Biodiversity at global, national and local levels.

India as a mega-diversity nation.

Hot-spots of biodiversity.

Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.

Endangered and endemic species of India.

Conservation of biodiversity : *In situ* and *Ex situ* conservations of biodiversity. (8 Lectures)

UNIT 4

Environmental Pollution.

Definition, Causes, effects and control measures of :

- | | |
|----------------------|------------------------|
| (a) Air pollution, | (b) Water pollution, |
| (c) Soil pollution, | (d) Marine pollution, |
| (e) Noise pollution, | (f) Thermal pollution, |
| (g) Nuclear hazards. | |

Solid Waste Management : Causes, effects and control measures of urban and industrial wastes.

Role of an individual in prevention of pollution.

Pollution case studies.

Disaster Management : Floods, earthquake, cyclone and land slides.

Human Population and the Environment :

Population growth, variation among nations.

Population explosion - Family welfare programme.

Environment and human health.

Human Rights. Value Education.

(18 Lectures)

UNIT 5

Social Issues and the Environment :

From unsustainable to sustainable development.

Urban problems related to energy.

Water conservation, rain water harvesting, watershed management.

Resettlement and rehabilitation of people; its problems and concerns, case studies.

Environmental ethics : Issues and possible solution.

Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies.

Wastland reclamation.

Consumerism and waste products.

Environment Protection Act.

Air (Prevention and control of pollution) Act.

Water (Prevention and control of pollution) Act.

Wildlife Protection Act. Forest Conservation Act.

Issues involved in enforcement of environmental legislation.

Public awareness.

HIV/AIDS.

(7 Lectures)

Women and child welfare.

Role of Information Technology in Environment and human health.

Case studies.

(6 Lectures)



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Zoology
B.Sc. Part III 2018-19
Paper-I

**ECOLOGY, ENVIRONMENTAL BIOLOGY: TOXICOLOGY,
MICROBIOLOGY AND MEDICAL ZOOLOGY**

Unit: I (Ecology)

- Aims and scopes of ecology
- Major ecosystems of the world-Brief introduction
- Population- Characteristics and regulation of densities
- Communities and ecosystem
- Bio-geo chemical cycles
- Air & water pollution
- Ecological succession

Unit: II (Environmental Biology)

- Laws of limiting factor
- Food chain in fresh water ecosystem
- Energy flow in ecosystem- Trophic levels
- Conservation of natural resources
- Environmental impact assessment

Unit: III (Toxicology)

- Definition and classification of Toxicants
- Basic Concept of toxicology
- Principal of systematic toxicology
- Heavy metal Toxicity (Arsenic, Murcury, Lead, Cadmium)
- Animal poisons- snake venom, scorpion & bee poisoning
- Food poisoning

Unit: IV (Microbiology)

- General and applied microbiology
- Microbiology of domestic water and sewage
- Microbiology of milk & milk products
- Industrial microbiology: fermentation process, production of penicillin, alcoholic beverages, bioleaching.

Unit: V (Medical Zoology)

- Brief introduction to pathogenic microorganisms, Rickettsia, Spirochaetes, AIDS and Typhoid
- Brief account of life history & pathogenicity of the following pathogens with reference to man: prophylaxis & treatment
- Pathogenic protozoan's- Entamoeba, Trypanosome & Plasmodium
- Pathogenic helminthes- Schistosoma
- Nematode pathogenic parasites of man
- Vector insects



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B.Sc.-II (BOTANY) PAPER-II
(ECOLOGY AND PLANT PHYSIOLOGY)

UNIT-I

Introduction and scope of ecology, environmental and ecological factors, Soil formation and soil profile, Liebig's law of minimum, Shelford's law of tolerance, morphological and anatomical adaptations in hydrophytes, xerophytes and epiphytes.

UNIT-II

Population and community characteristics, Raunkiaer's life forms, population interactions (e.g. Symbiosis, Amensalism etc.), succession, ecotone and edge effect, ecological niches, ecotypes, ecads, keystone species

Concept of ecosystem, trophic levels, flow of energy in ecosystem, food chain and food web, concept of ecological pyramids

Biogeochemical cycles: carbon cycle, nitrogen cycle and phosphorus cycle

UNIT-III

Plant water relations: Diffusion, permeability, osmosis, imbibitions, plasmolysis, osmotic potential and water potential, Types of soil water, water holding capacity, wilting, Absorption of water, theories of Ascent of sap, Mineral nutrition and absorption, Deficiency symptoms, Transpiration, stomatal movement, significance of transpiration, Factors affecting transpiration, guttation.

UNIT-IV

Photosynthesis: Photosynthetic apparatus and pigments, light reaction mechanism of ATP synthesis. C₃, C₄ CAM pathway of carbon reduction, photorespiration, factors affecting photosynthesis.

Respiration: Aerobic and anaerobic respiration, Glycolysis, Krebs's cycle, factors affecting respiration, R.Q.

UNIT-V

Plant growth hormones: Auxin, Gibberellin, Cytokinin, Ethylene and Abscissic acid. Physiology of flowering, Florigen concept, Photoperiodism and Vernalization. Seed dormancy and germination, plant movement.

Books Recommended:

Koromondy, E.J. *Concepts of Ecology*, Prentice Hall, USA



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B.Sc.–II (BOTANY) PAPER-I

(PLANT TAXONOMY, ECONOMIC BOTANY, PLANT ANATOMY AND EMBRYOLOGY)

UNIT-I

Bentham and Hooker system of classification. Binomial Nomenclature, International Code of Nomenclature for Algae, Fungi, and plants (IUCN), Typification, numerical Taxonomy and chemotaxonomy. Preservation of Plant material and Herbarium techniques. Important botanical gardens and herbaria of India, Kew Botanical garden, England.

UNIT-II

Systematic position, distinguishing characters and economic importance of the following families, Ranunculaceae, Magnoliaceae, Brassicaceae, Rosaceae, Papaveraceae, Caryophyllaceae, Rutaceae, Cucurbitaceae, Apiaceae, Rubiaceae, Apocynaceae, Asclepiadaceae, Solanaceae, Malvaceae, Convolvulaceae, Orchidaceae, Acanthaceae, verbenaceae, Lamiaceae, Asteraceae, Fabaceae, Euphorbiaceae, Poaceae and Liliaceae.

UNIT-III

Economic Botany: Botanical name, family, part used and uses of the following economically important plants, fiber yielding plants; Cotton, jute, sun, hemp, coir. Timber yielding plants: Sal, Teak, Shisham and Pine. Medicinal plants: Kalmegh, Ashwangandha, Ghritkumari, Giloy, Brahmi, sargandha, ---of medicinal plants of C.G. Food plants: Pearl millet, Buck of wheat, Sorghum, Soyabean, gram, Ground nut, Sugarcane and Potato. Fruit plants: Pear, Peach, Litchi. Spices: Cinnamon, Turmeric, Ginger, Asafoetida and Cumin. Beverages : Tea, Coffee Rubber Cultivation of important flowers: Chrysanthemum, Dahelia, Biodiesel plants Jatropa, Pongamia Ethnobotany in context of Chhattisgarh.

UNIT-IV

Plant Anatomy: Root and shoot apical meristems theories of root and shoot apex organization, permanent tissues, anatomy of root, stem and leaf of dicot and monocot, secondary growth in root and stem, Anatomical anomalies in the primary structure of stems (Nyctanthes, Boerhaavia, Casuarina), Anamolous secondary growth in Dracaena, Bignonia, Laptadenia.

UNIT-V

Embryology: Flower as a reproductive organ, anther, microsporogenesis, types of ovules, megasporogenesis, development of male and female gametophyte, pollination, mechanisms, self incompatibility, fertilization, endosperm, embryo, polyembryony, apomixes and parthenocarpy.

Books Recommended:



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द्वितीय प्रश्न पत्र : भारतीय शासन एवं राजनीति Paper II : Indian Government and Politics

- इकाई 1 : भारतीय राष्ट्रीय आन्दोलन : 1858 का प्रथम स्वतन्त्रता संग्राम, असहयोग आन्दोलन, सविनय अवज्ञा आन्दोलन, भारत छोड़ो आन्दोलन । भारत का संविधानिक विकास : 1858, 1909, 1919 और 1935 का भारत शासन अधिनियम ।
- Unit 1 : Indian National Movement : First Independence Movement 1858, Non cooperation Movement, Civil Disobedience Movement and Quit India Movement. Constitutional Development of India : Govt. of India Act of 1858, 1909, 1919 and 1935.
- इकाई 2 : भारतीय संविधान : विशेषताएं , प्रस्तावना, स्रोत, । संघीय व्यवस्था , मौलिक अधिकार, मूल कर्तव्य, नीति निर्देशक तत्व । संविधान संशोधन प्रक्रिया ।
- Unit 2 : Constitution of India : Characteristics, Preamble, Sources. Federal System. Fundamental Rights and Duties, Directive Principles of State Policy. Constitution Amendment Process.
- इकाई 3 : संघीय कार्यपालिका : राष्ट्रपति, उपराष्ट्रपति, मन्त्रिपरिषद् और प्रधानमंत्री । संघीय व्यवस्थापिका : संसद : लोकसभा और राज्यसभा । संसदीय प्रक्रिया ।
- Unit 3 : Union Executive : President , Vice President, Council of Ministers and Prime Minister. Union Legislature : Parliament: Lok Sabha and Rajya Sabha. Parliamentary Procedure.
- इकाई 4 : संघीय न्यायपालिका : सर्वोच्च न्यायालय : गठन, क्षेत्राधिकार, न्यायिक पुनरावलोकन, न्यायिक सक्रियतावाद । राज्य कार्यपालिका : राज्यपाल , मन्त्रिपरिषद् और मुख्यमंत्री ।
- Unit 4 : Union Judiciary : Supreme Court : Organisation, Jurisdiction, Judicial Review, Judicial Activism. State Executive : Governor, Council of Ministers and Chief Minister.
- इकाई 5 : राज्य व्यवस्थापिका : विधानसभा एवं विधानपरिषद् । निर्वाचन आयोग व चुनाव सुधार । राष्ट्रीय व क्षेत्रीय दल । भारतीय राजनीति के प्रमुख मुद्दे : जाति, धर्म, भाषा और क्षेत्र । पंचायती राज व्यवस्था ।
- Unit 5 : State Legislature : Legislative Assembly and Legislative Council. Election Commission and Election Reforms. National and Regional Parties. Major issues of Indian Politics : Caste, Religion, Language and Region. Panchayati Raj System.

संदर्भ पुस्तकें (Reference Books)

8. डॉ. सुभाष कश्यप, भारत का संवैधानिक विकास और संविधान, हिन्दी माध्यम कार्यान्वयन निदेशालय दिल्ली विश्वविद्यालय ।
- डॉ. सुभाष कश्यप, हमारी संसद, भारत की संसद एक परिचय, राष्ट्रीय पुस्तक न्यास ।
10. डॉ. रूपा मंगलानी, भारतीय शासन एवं राजनीति, राजस्थान हिन्दी ग्रंथ अकादमी जयपुर ।

11- M.V. Pylee , Constitutional History of India , S.Chand.

12- D.D. Basu Indian Constitution



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- इकाई 1 : प्लेटो : आदर्श राज्य – न्याय, शिक्षा, साम्यवाद, दार्शनिक शासक ।
अरस्तू : राज्य, दासप्रथा, नागरिकता , कान्ति ।
- Unit 1 : Plato : Ideal State : Justice, Education, Communism , Philosopher King.
Aristotle : State, Slavery, Citizenship , Revolution.
- इकाई 2 : मैकियावेली : युग का शिशु, धर्म व नैतिकता, राजा के कर्तव्य और आचरण ।
हॉब्स : सामाजिक समझौता सिद्धान्त – लेवियाथन । लॉक : सामाजिक समझौता सिद्धान्त ।
रुसो : सामाजिक समझौता सिद्धान्त , सामान्य इच्छा ।
- Unit 2 : Machiavelli : Child of his times, Religion and Morality, Duties and Conduct of King. Hobbes : Social Contract Theory: Leviathan. Locke : Social Contract Theory. Rousseau : Social Contract Theory and General Will.
- इकाई 3 : बेंथम : उपयोगितावाद । मिल : उपयोगितावाद में संशोधन, स्वतंत्रता और प्रतिनिधि शासन ।
ग्रीन : राजनीतिक विचार । मार्क्स : राजनीतिक विचार ।
- Unit 4 : Bentham : Utilitarianism. Mill : Amendment in Utilitarianism. Liberty and Representative Government. Green : Political Thoughts. Marx : Political Thoughts.
- इकाई 4 : आदर्शवाद, व्यक्तिवाद, उदारवाद, समाजवाद, फासीवाद : विशेषताएं और आलोचना ।
- Unit 4 : Idealism, Individualism, Liberalism, Socialism, Fascism : Features and Criticism.
- इकाई 5 : मनु और कौटिल्य : सप्तांग सिद्धान्त, राजा और राजपद, प्रशासकीय व्यवस्था, राज्यमण्डल ।
गांधी : सत्य, अहिंसा, सत्याग्रह एवं राजनीतिक विचार । अम्बेडकर : राजनीतिक एवं सामाजिक विचार
दीनदयाल उपाध्याय : एकात्ममानववाद ।
- Unit 5 : Manu and Kautilya : Saptang Theory, King and Kingship, Administrative System, Rajyamandal.
Gandhi : Truth , Non violence , Satyagrah and Political thoughts.
Ambedkar : Political and Social thoughts.
Deen Dayal Upadhyay : Akatmamanavvad.



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द्वितीय प्रश्नपत्र : तुलनात्मक शासन एवं राजनीति Paper II : Comparative Government and Politics

- इकाई 1 : ब्रिटिश संविधान : विकास, विशेषताएं, कार्यपालिका, व्यवस्थापिका, न्यायपालिका ।
- Unit 1 : British Constitution : Evolution, Salient Features, Executive, Legislature and Judiciary.
- इकाई 2 : संयुक्त राज्य अमेरिका का संविधान : विशेषताएं, कार्यपालिका, व्यवस्थापिका, न्यायपालिका, शक्ति पृथक्करण व नियंत्रण संतुलन का सिद्धान्त ।
- Unit 2 : Constitution of United States of America : Salient Features, Executive, Legislature and Judiciary. Theory of Separation of Powers and checks and balances.
- इकाई 3 : स्विटजरलैण्ड का संविधान : विशेषताएं, कार्यपालिका, व्यवस्थापिका, न्यायपालिका, प्रत्यक्ष प्रजातन्त्र । Unit 3 : Constitution of Switzerland : Salient Features, Executive, Legislature and Judiciary. Direct Democracy.
- इकाई 4 : चीन का संविधान : विशेषताएं, कार्यपालिका, व्यवस्थापिका, न्यायपालिका, साम्यवादी दल ।
- Unit 4 : Constitution of China : Salient Features, Executive, Legislature and Judiciary. Communist Party.
- इकाई 5 : तुलनात्मक राजनीति : अर्थ, परिभाषा, । ईस्टन का व्यवस्था सिद्धान्त, आमण्ड का संरचनात्मक-प्रकार्यात्मक उपागम । राजनीतिक विकास, राजनीतिक समाजीकरण, राजनीतिक संस्कृति की अवधारणा ।
- Unit 5 : Comparative Politics : meaning, Definition. System Theory of David Easton, Structural-functional Approach of Almond. Concept of Political Development, Political Socialisation, Political Culture



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द्वितीय प्रश्नपत्र : लोक प्रशासन Paper : II : Public Administration

- इकाई 1 : लोक प्रशासन : अर्थ, परिभाषा, प्रकृति, क्षेत्र । लोक प्रशासन और निजी प्रशासन । अध्ययन पद्धतियां । नवीन लोक प्रशासन । तुलनात्मक लोक प्रशासन ।
- Unit 1 : Public Administration : meaning and definition, nature, scope. Public Administration and Private Administration. Method of Studies. New Public Administration. Comparative Public Administration.
- इकाई 2 : संगठन के सिद्धान्त : पदसोपान, नियंत्रण का क्षेत्र , आदेश की एकता, प्रत्यायोजन । मुख्य कार्यपालिका । सूत्र एवं स्टाफ अभिकरण । विभागीय संगठन , लोक निगम । कार्मिक प्रशासन : भर्ती, पदोन्नति , प्रशिक्षण ।
- Unit 2 : Principles of Organisation : Hierarchy, Span of Control, Unity of Command, Delegation. Chief Executive. Line and Staff Agencies. Departmental Organisation. Public Corporation. Personnel Administration : Recruitment, Promotion, Training.
- इकाई 3 : विकास प्रशासन : प्रकृति, मुद्दे और विशेषताएं । रिग्स मॉडल । प्रशासन में नागरिक सहभागिता । सुशासन और ई शासन । संध लोक सेवा आयोग ।
- Unit 3 : Development Administration : Nature, Issues, Characteristics. Riggs Model. Public participation in Administration. Good Governance and e- Governance. Union Public Service Commission.
- इकाई 4 : वित्तीय प्रशासन : बजट के सिद्धान्त । भारत में बजट प्रक्रिया । भारत में प्रशासनिक सुधार । प्रशासन पर कार्यपालिका, विधायी, न्यायिक और जन नियंत्रण ।
- Unit 4 : Financial Administration: Principles of Budget. Budget procedure in India. Administrative reforms in India. Executive, Legislative, Judicial and Public Control on Administration.
- इकाई 5 : प्रशासन में भ्रष्टाचार : आम्बुड्समैन, लोकपाल और लोक आयुक्त । वैश्वीकरण के युग में लोक प्रशासन । उदारीकरण । नौकरशाही । लोक सम्पर्क । Corruption in Administration: Ombudsman, Lokpal and Lok Ayukta. Public Administration in the age of Globalisation. Liberalisation. Bureaucracy. Public Relation.



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संशोधित पाठ्यक्रम

बी.ए./बी.एस-सी./बी.कॉम./बी.एच.एस.-सी.

भाग - एक (आधार पाठ्यक्रम)

प्रश्न पत्र- प्रथम (हिन्दी भाषा)

(पेपर कोड -0101)

पूर्णांक- 75

नोट :-

1. प्रश्न पत्र 75 अंक का होगा।
2. प्रश्न पत्र अनिवार्य होगा।
3. इसके अंक श्रेणी निर्धारण के लिए जोड़े जायेंगे।
4. प्रत्येक इकाई के अंक समान होंगे।

पाठ्य विषय :-

इकाई-1

क. पल्लवन, पत्राचार, अनुवाद, पारिभाषिक शब्दावली एवं हिंदी में पदनाम

ख. ईदगाह (कहानी) - मुंशी प्रेमचंद

इकाई-2

क. शब्द शुद्धि, वाक्य शुद्धि, शब्द ज्ञान-पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, समश्रुत शब्द, अनेक शब्दों के लिए एक शब्द एवं मुहावरे-लोकोक्तियाँ

ख. भारत वंदना (कविता)- सूर्यकान्त त्रिपाठी निराला

इकाई-3

क. देवनागरी लिपि - नामकरण, स्वरूप एवं देवनागरी लिपि की विशेषताएँ, हिंदी अपठित गद्यांश, संक्षेपण, हिंदी में संक्षिप्तीकरण

ख. भोलाराम का जीव (व्यंग्य) - हरिशंकर परसाई

इकाई-4

क. कम्प्यूटर का परिचय एवं कम्प्यूटर में हिंदी का अनुप्रयोग

ख. शिकागो से स्वामी विवेकानंद का पत्र

इकाई-5

क. मानक हिन्दी भाषा का अर्थ, स्वरूप, विशेषताएँ, मानक, उपमानक, अमानक भाषा

ख. सामाजिक गतिशीलता - प्राचीन काल, मध्यकाल, आधुनिक काल



(Signature)
Principal
Govt. R.R.M. College
Surajpur (C.G.)

संशोधित पाठ्यक्रम
बी. ए. भाग- 3
हिन्दी साहित्य
प्रथम प्रश्न पत्र
जनपदीय भाषा- साहित्य (छत्तीसगढ़ी)
(पेपर कोड- 0233)

प्रस्तावना-

हिन्दी केवल खड़ी बोली नहीं है, बल्कि एक बहुत बड़ा भाषिक समूह है। हिन्दी जगत में अनेक विभाषाएं, बोलियाँ और उपबोलियाँ विद्यमान हैं जिनमें सकल साहित्य सम्पदा है। इनके सम्यक अध्ययन और अन्वेषण की आवश्यकता है। जनपदीय भाषा छत्तीसगढ़ी निरन्तर विकास की ओर अग्रसर हो रही है अस्तु, इस भाषा का और इसमें रचित साहित्य का इतिहास- विकास स्पष्ट करते हुए इनसे संबंधित प्रमुख रचनाकारों का आलोचनात्मक अनुशीलन करना हिन्दी के वृहत्तर हित में होगा। छत्तीसगढ़ी भाषा का पाठ्यक्रम निम्न बिन्दुओं पर आधारित हैं-

- (क) छत्तीसगढ़ी भाषा का इतिहास- विकास
- (ख) छत्तीसगढ़ी भाषा में रचित साहित्य का इतिहास
- (ग) छत्तीसगढ़ी भाषा के प्रमुख प्राचीन एवं अर्वाचीन रचनाकारों की कृतियों का अध्ययन।

पाठ्य विषय-

रचनाएँ-

- (1) प्राचीन कवि संत धर्मदास के 3 पद
 1. गुरु पड़्या लागों नाम लखा दीजो हो।
 2. नैना आगे ख्याल घनेरा।
 3. भजन करौ भाई रे, अइसन तन पाय के।
(सन्दर्भ- धर्मदास के शब्दावली से उद्धृत)
- (2) लखनलाल गुप्त का गद्य-
 1. सोनपान
(गद्य- पुस्तक 'सोनपान' के उद्धृत)
- (3) अर्वाचीन रचनाकार
डॉ. सत्यभामा आडिल रचित गद्य
 1. सीख सीख के गोठ
(गद्य पुस्तक 'गोठ' के उद्धृत)
- (4) डॉ. विनय पाठक की कविताएँ-
 1. तँय उठथस सुरुज उथे
 2. एक किसिम के नियाव
('अकादसी और अनचिन्हार' पुस्तक से उद्धृत)



संशोधित
बी. ए. भाग-2
हिन्दी साहित्य
द्वितीय प्रश्न पत्र

हिन्दी निबंध तथा अन्य गद्य विधाएँ(पेपर कोड- 0174)

पूर्णांक- 75

पाठ्य विषय-

व्याख्या एवं आलोचनात्मक प्रश्नों के लिए एक नाटक, पांच प्रतिनिधि निबंध और पाँच एकांकी का निर्धारण किया गया है।

नाटक- अंधेरी नगरी- भारतेन्दु हरिश्चन्द्र

निबंध-	1. क्रोध	- आचार्य रामचन्द्र शुक्ल।
	2. बसन्त	- डॉ. हजारी प्रसाद द्विवेदी।
	3. उस अमराई ने राम- राम कही है	- डॉ. विद्यानिवास मिश्र।
	4. काव्येषु नाट्यम रम्यम्	- बाबू गुलाब राय।
	5. बेईमानी की परत	- हरिशंकर परसाई
एकांकी-	1. औरंगजेब की आखिरी रात	- डॉ. रामकुमार वर्मा
	2. स्ट्राईक	- भुनेश्वर
	3. एक दिन	- लक्ष्मीनारायण मिश्र
	4. दस हजार	- उदयशंकर भट्ट
	5. मम्मी ठकुराईन	- डॉ. लक्ष्मीनारायण लाल

द्रुत पाठ के लिए तीन गद्यकारों का अध्ययन किया जायेगा, जिन पर लघुउत्तरीय प्रश्न पूछे जायेंगे।

1. राहुल सांकृत्यायन 2. महादेवी वर्मा 3. हबीब तनवीर

अंक विभाजन- व्याख्याएं (3)	- 21 अंक
आलोचनात्मक प्रश्न (2)	- 24 अंक
लघुउत्तरीय प्रश्न (5)	- 15 अंक
वस्तुनिष्ठ (15)	- 15 अंक
कुल अंक	75 अंक

इकाई विभाजन-

इकाई- 1 व्याख्या

इकाई- 2 अंधेरी नगरी एवं क्रोध, वसन्त, उस अमराई ने राम- राम कही हैं।

इकाई- 3 औरंगजेब की आखिरी रात, स्ट्राईक, एक दिन, दस हजार, मम्मी ठकुराईन

इकाई- 4 द्रुतपाठ के गद्यकार- राहुल सांकृत्यायन, महादेवी वर्मा, हबीब तनवीर।

इकाई- 5 वस्तुनिष्ठ (समग्र पाठ्य विषय से)



7.5.2020
Principal
Govt. R.R.M. College
Surajpur (C.G.)

संशोधित
बी. ए. भाग-2
हिन्दी साहित्य
प्रथम प्रश्न पत्र

अर्वाचीन हिन्दी काव्य (पेपर कोड- 0173)

पूर्णांक- 75

प्रस्तावना- आधुनिक काव्य आधुनिकता की समस्त विशेषताओं को समेटे हुए है। स्वतंत्रता प्राप्ति के पूर्व की भाव- भाषा, शिल्प, अन्तर्वस्तु सम्बन्धी समस्त विकास धारा यहां सजीव रूप में देखी जा सकती है। इसे अनदेखा करना मनुष्य की विकास यात्रा को नजर अंदाज करना है। इस यात्रा के साक्षात्कार के लिए आधुनिक काव्य का अध्ययन अपेक्षित ही नहीं अपितु अनिवार्य हैं।

पाठ्य विषय-

1. मैथिलीशरण गुप्त - भारत- भारती की कविताएँ
2. सूर्यकान्त त्रिपाठी निराला - (1) सखि बसन्त आया।
(2) वर दे, वीणा वादिनी वर दे।
(3) हिन्दी के सुमनों के प्रति पत्र।
(4) तोड़ती- पत्थर।
(5) राजे ने अपनी रखवाली की।
3. सुमित्रानंदन पंत - (1) बादल।
(2) परिवर्तन 2 पद (1.खोलता इधर जन्मलोचन
2. आज का दुख कल का आल्हाद)
(3) ताज।
(4) झंझा में नीम।
(5) भारत माता।
4. माखन लाल चतुर्वेदी - (1) बलि पंथी से।
(2) साँझ और ढोलक की थापें।
(3) मैं बेच रही हूँ, दही।
(4) उलाहना।
(5) निः शस्त्र सेनानी।
5. स. ही. वात्स्यायन अज्ञेय - (1) सबेरे उठा तो धूप खिली थी।
(2) साम्राज्ञी का नैवेद्य दान।
(3) घर।
(4) चांदनी जी लो।
(5) दूर्वाचल।

दुतपाठ हेतु निम्न कवियों का अध्ययन किया जाएगा, जिन पर लघुउत्तरीय प्रश्न पूछे जायेंगे-



5
Principal
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संशोधित
बी. ए. भाग-1
हिन्दी साहित्य
द्वितीय- प्रश्न पत्र
हिन्दी कथा साहित्य
(पेपर कोड- 0104)

पूर्णांक 75

उद्देश्य एवं प्रस्तावना-

गद्य की प्रमुख विधाओं का इतना द्रुत विकास इनकी लोकप्रियता का प्रमाण प्रस्तुत करता है। इसमें आधुनिक जीवन, अपनी विविध कमियों के साथ यथार्थ रूप में अभिव्यंजित हुआ है। जीवन की अनुभूतियाँ, संवेदनाओं तथा विविध परिस्थितियों के साक्षात्कार के लिए इनका अध्ययन सर्वथा अपेक्षित है।

पाठ्य विषय-

व्याख्या एवं आलोचनात्मक प्रश्नों के लिए एक उपन्यास एवं आठ कहानीकारों की एक- एक प्रतिनिधि कहानी का अध्ययन आवश्यक है।

उपन्यास 1. प्रेमचंद - गबन

कहानी 1.	प्रेमचंद	-	कफन
2.	जयशंकर प्रसाद	-	आकाश दीप
3.	यशपाल	-	परदा
4.	फणीश्वनाथ रेणु	-	ठेस
5.	मोहन राकेश	-	मलबे का मालिक
6.	भीष्म साहनी	-	चीफ की दावत
7.	गुलशेर खॉं शानी	-	जली हुई रस्सी
8.	रांगेय राघव	-	गदल

द्रुत पाठ के लिए निम्नांकित तीन कथाकारों का अध्ययन अपेक्षित है, जिनमें से किन्हीं दो पर लघुउत्तरीय प्रश्न पूछे जावेंगे-

1. उपेन्द्रनाथ अशक, 2. बाल शौरि रेड्डी 3. शिवानी

अंक विभाजन-	व्याख्या (3)	21 अंक
	आलोचनात्मक प्रश्न (2)	24 अंक
	लघुउत्तरीय प्रश्न (5)	15 अंक
	वस्तुनिष्ठ प्रश्न (15)	15 अंक



ccr
Principal
Govt. R.R.M. College
Surajpur (C.G.)

संशोधित पाठ्यक्रम

बी. ए. भाग-1

हिन्दी साहित्य

प्रथम- प्रश्न पत्र

(प्राचीन हिन्दी काव्य)

पूर्णांक 75

(पेपर कोड- 0103)

उद्देश्य एवं प्रस्तावना-

प्राचीन से तात्पर्य है- आधुनिक काल से पूर्व का काल। सही अर्थ में हिन्दी भाषा और साहित्य का विकास आदिकाल से शुरू होता है। इसमें धार्मिक तथा ऐतिहासिक दो प्रकार का साहित्य मिलता है, जो प्रबंध, मुत्तक, रासो, फागु, चरित, सुभाषित आदि विविध काव्यरूपों में अभिव्यंजित है। मध्यकालीन साहित्य की पृष्ठभूमि के रूप में इसे प्रतिष्ठापित किया जाता है।

मध्यकालीन काव्य में भक्तिकाव्य, जहां लोक जागरण को स्वर देने वाला है, वहीं रीतिकाल अपने लौकिक- श्रृंगारिका, परिदृश्य में तत्कालीन सामाजिक, सांस्कृतिक, राजनीतिक स्थितियों को बेलौस अभिव्यंजित करता है। अतः भाषा, संस्कृति, विचार, मानवता, काव्यरूपता, लौकिकता- पारलौकिकता, आदि दृष्टियों से इसका अध्ययन अत्यावश्यक है।

पाठ्य विषय-

1. कबीर (कबीर- कांतिकुमार जैन, प्रारंभिक 50 साखियाँ)
2. जायसी- (संक्षिप्त पद्यावत- श्यामसुंदर दास, नागमती वियोग वर्णन)
3. सूर (भ्रमर गीत सार- सं. आचार्य रामचन्द्र शुक्ल, प्रारंभिक 25 पद)
4. तुलसी - "रामचरित मानस" के सुंदरकाण्ड से प्रारंभिक 30 दोहे चौपाई छंद साहित्य
5. घनानन्द (घनानन्द- सं. विश्वनाथ प्रसाद मिश्र, प्रारंभिक 25 छंद)

द्रुत पाठ हेतु निम्नांकित तीन कवियों का अध्ययन किया जावेगा- जिसमें से किन्हीं दो पर लघुउत्तरीय प्रश्न पूछे जायेंगे-

1. विद्यापति
2. रहीम
3. रसखान

अंक विभाजन-

1. व्याख्याएँ (3) - 21 अंक
2. आलोचनात्मक प्रश्न (2) - 24 अंक
3. लघुउत्तरीय प्रश्न (5) - 15 अंक
4. वस्तुनिष्ठ प्रश्न (15) - 15 अंक



S. S. S.
Principal
Govt. R.R.M. College
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संशोधित पाठ्यक्रम
बी.ए./बी.एस-सी./बी.कॉम./बी.एच.एस.-सी.
भाग - दो, आधार पाठ्यक्रम
प्रश्न पत्र - प्रथम (हिन्दी भाषा) (पेपर कोड - 0171)

पूर्णांक- 75

खण्ड - क निम्नलिखित 5 लेखकों के पाठ शामिल होंगे -

अंक-35

1. महात्मा गांधी - चोरी और प्रायश्चित्त
2. आचार्य नरेन्द्र देव - युवकों का समाज में स्थान
3. वासुदेव शरण अग्रवाल - मातृभूमि
4. हरि ठाकुर - डॉ. खूबचंद बघेल
5. पं. माधवराव सप्रे - सम्भाषण-कुशलता

खण्ड-ख हिन्दी भाषा और उसके विविध रूप

अंक-16

1. कार्यालयीन भाषा
2. मीडिया की भाषा
3. वित्त एवं वाणिज्य की भाषा
4. मशीनी भाषा

खण्ड-ग हिन्दी की व्याकरणिक कोटियाँ

अंक-24

- संज्ञा, सर्वनाम, विशेषण, क्रिया विशेषण,
समास, संधि एवं संक्षिप्तियाँ
अनुवाद व्यवहार : अंग्रेजी से हिन्दी में अनुवाद

इकाई विभाजन-

- इकाई- 1 चोरी और प्रायश्चित्त : महात्मा गांधी / कार्यालयीन भाषा, मीडिया की भाषा
इकाई- 2 युवकों का समाज में स्थान : आचार्य नरेन्द्र देव / वित्त एवं वाणिज्य की भाषा, मशीनी भाषा
इकाई- 3 मातृभूमि: वासुदेवशरण अग्रवाल / संज्ञा सर्वनाम, विशेषण, क्रिया विशेषण
इकाई- 4 डॉ. खूबचंद बघेल : हरि ठाकुर/समास, संधि,
इकाई- 5 सम्भाषण-कुशलता : पं. माधवराव सप्रे, / अनुवाद - अंग्रेजी से हिन्दी में अनुवाद, संक्षिप्तियाँ

मूल्यांकन योजना -

प्रत्येक इकाई से एक-एक प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न में आंतरिक विकल्प होगा। प्रत्येक प्रश्न के 15 अंक होंगे। प्रत्येक इकाई को दो-दो खण्डों (कमश 'क' और 'ख' में) विभक्त करते हुए निर्धारित पाठ से 8 एवं शेष पाठ्य सामग्री से 7 अंक के प्रश्न होंगे। इस प्रकार पूरे प्रश्न-पत्र के पूर्णांक 75 होंगे।



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B.Com Part- I Compulsory Group – I Paper – II - BUSINESS COMMUNICATION

OBJECTIVE – To develop effective business communication skills among the students.

Present Syllabus	Proposed Syllabus	Remark
<p>UNIT –I Introducing Business Communication : Definitions, concept and Significance of communication, Basic forms of communicating ; Communication models and process principles of effective communication; Theories of communication; Audience analysis. Self Development and Communication ; Development of positive personal attitudes, SWOT analysis; Vote’s model of interdependence ; Whole Communication.</p> <p>UNIT –II Corporate Communication : Formal and Informal communication networks; Grapevine; Miscommunication (Barriers) ; improving communication Practices in business communication ; Group discussions ; Mock interviews, Seminars; Effective listening exercises, Individual and group presentations and report writing.</p> <p>UNIT –III Writing skill : Planning business messages; Rewriting and editing; The first draft; Reconstructing the final draft; Business letters and memo formats; Appearance request letters; Good news and bad new letters; Persuasive letters; Sales letters; Collection letters; Office memorandum.</p> <p>UNIT –IV Report Writing : Introduction to a proposal, Short report and formal report , report preparation. Oral Presentation : Principles of oral presentation, factor affecting presentation, sales presentation, training presentation, conducting surveys, speeches to motivate, presentation skill.</p>	<p>UNIT –I Introducing Business Communication : Definitions, concept and Significance of communication, Basic forms of communicating ; Communication models and process; principles of effective communication; Theories of communication; Self-Development and Communication ; Development of positive personal attitudes, SWOT analysis;</p> <p>UNIT –II Corporate Communication : Formal and Informal communication networks; Grapevine; Miscommunication (Barriers) ; improving communication. Practices in business communication ; Group discussions ; Seminars; Effective Listening : Principles of effective listening; Factor affective listening exercises; Oral, Written, and video session, Audience analysis and feedback.</p> <p>UNIT –III Writing skill : Business letters – Defination, concepts ,structure, advantages disadvantage, need and kinds of business letter ,Essentials of effective business letter. Good news and bad new letters; Office memorandum. Writing Resume and Letter of Job Application.</p> <p>UNIT –IV Report Writing : Introduction to a proposal, Short report and formal report , report preparation. Oral Presentation : Principles of oral presentation, factor affecting presentation, sales presentation, training presentation, conducting surveys, speeches to motivate, presentation skill.</p>	<p>Omission of Vote’s model of interdependence.</p> <p>Balancing of Syllabus and omitted repetition .</p>



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समूह-1 प्रश्नपत्र – 2 – व्यावसायिक संचार

वर्तमान पाठ्यक्रम	प्रस्तावित पाठ्यक्रम
<p>इकाई – 1 व्यावसायिक संचार परिचय : परिभाषा , अवधारणाएं एवं संचार का महत्व, संचार के आधारभूत प्रकार एवं मॉडल एवं प्रभावी संचार के सिद्धांत , प्रक्रिया , श्रोता विश्लेषण। आत्म विकास एवं संचार , सकारात्मक व्यक्तिगत दृष्टिकोण का विकास , स्वॉट विश्लेषण , मतों की परस्पर निर्भरता का प्रतिरूप।</p>	<p>इकाई – 1 व्यावसायिक संचार परिचय : परिभाषा , अवधारणाएं एवं संचार का महत्व, संचार के आधारभूत प्रकार एवं मॉडल, प्रक्रिया एवं प्रभावी संचार के सिद्धांत । आत्म विकास एवं संचार , सकारात्मक व्यक्तिगत दृष्टिकोण का विकास , स्वॉट विश्लेषण ।</p>
<p>इकाई – 2 व्यावसायिक संस्था का संचार तंत्र :- औपचारिक एवं अनौपचारिक संचार तंत्र, अंगूरी लता संचार, संचार की बाधाएं एवं सुधार। व्यवहार में व्यावसायिक संचार :- सामूहिक परिचर्चा, साक्षात्कार, संगोष्ठी , प्रभावपूर्ण सूचना , व्यक्तिगत एवं सामुहिक प्रस्तुतीकरण एवं रिपोर्ट लेखन।</p>	<p>इकाई – 2 व्यावसायिक संस्था का संचार तंत्र :- औपचारिक एवं अनौपचारिक संचार तंत्र, अंगूरी लता संचार, संचार की बाधाएं एवं सुधार। व्यवहार में व्यावसायिक संचार :- सामूहिक परिचर्चा, संगोष्ठी , प्रभावपूर्ण सूचना : प्रभावपूर्ण सूचने के सिद्धांत, प्रभावपूर्ण सूचने के कारक, मौखिक , लिखित एवं विडियो सत्र का व्यवहारिक अध्ययन, श्रोता विश्लेषण एवं प्रतिपुष्ठी।</p>
<p>इकाई – 3 लेखन कुशलता : व्यावसायिक संदेश की योजना एवं उसे संशोधित करना, प्रथम मसौदा, अंतिम मसौदा का पुनर्निर्माण , व्यावसायिक पत्र एवं ज्ञापन, प्रारूप : निवेदन पत्र , अनुकूल एवं प्रतिकूल संवाद पत्र, प्रेरक पत्र, विक्रय संबंधी पत्र, तकादे का पत्र या संग्रहण पत्र ,कार्यालयीन ज्ञापन व पत्र ।</p>	<p>इकाई – 3 लेखन कुशलता : व्यावसायिक पत्र – परिभाषा, अवधारणा, संरचना, गुण दोष , आवश्यकता एवं विभिन्न प्रकार के व्यावसायिक पत्र , प्रभावी व्यापारिक पत्र व्यवहार के मूल तत्व। अनुकूल एवं प्रतिकूल संवाद पत्र, कार्यालयीन ज्ञापन व पत्र । जीवनवृत्त लेखन एवं नौकरी के लिए आवेदन पत्र।</p>
<p>इकाई – 4 रिपोर्ट लेखन – एक प्रस्ताव का परिचय , लघु रिपोर्ट एवं औपचारिक रिपोर्ट ,रिपोर्ट लेखन की तैयारी। मौखिक प्रस्तुती : मौखिक प्रस्तुती के सिद्धांत , प्रस्तुतीकरण को प्रभावित करने वाले कारक, विक्रय प्रस्तुतीकरण , प्रशिक्षण प्रस्तुतीकरण, सर्वेक्षण आयोजित करना, प्रेरक भाषण, प्रभावी प्रस्तुती कौशल।</p>	<p>इकाई – 4 रिपोर्ट लेखन – एक प्रस्ताव का परिचय , लघु रिपोर्ट एवं औपचारिक रिपोर्ट ,रिपोर्ट लेखन की तैयारी। मौखिक प्रस्तुती : मौखिक प्रस्तुती के सिद्धांत , प्रस्तुतीकरण को प्रभावित करने वाले कारक, विक्रय प्रस्तुतीकरण , प्रशिक्षण प्रस्तुतीकरण, सर्वेक्षण आयोजित करना, प्रेरक भाषण, प्रभावी प्रस्तुती कौशल।</p>

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वर्तमान पाठ्यक्रम	प्रस्तावित पाठ्यक्रम
<p>इकाई - 5</p> <p>अशाब्दिक संचार के पहलू – दैहिक भाषा : समय एवं पार्श्व भाषा , प्रभावपूर्ण सूचना : प्रभावपूर्ण सूचने के सिद्धांत, प्रभावपूर्ण सूचने के कारक, मौखिक , लिखित एवं विडियो सत्र का व्यवहारिक अध्ययन। साक्षात्कार कुशलता : साक्षात्कार में शामिल होना, साक्षात्कार का आयोजन, जीवनवृत्त – सारांश लेखन एवं आवेदन पत्र। संचार के आधुनिक रूप – फैंक्स , ई मेल, वीडियो कॉन्फ्रेंसिंग आदि अंतराष्ट्रीय संचार : सांस्कृतिक संवेदनशीलता एवं सांस्कृतिक संदर्भ , अंतराष्ट्रीय स्थितियों में लेखन और प्रस्तुतीकरण करना : अंतराष्ट्रीय क्रियाओं में अंतराष्ट्रीय सांस्कृतिक कारक , वैश्विक व्यापार के संदर्भ में।</p>	<p>इकाई - 5</p> <p>अशाब्दिक संचार के पहलू – दैहिक भाषा , समय एवं पार्श्व भाषा , साक्षात्कार कुशलता : साक्षात्कार में शामिल होना, साक्षात्कार का आयोजन, मॉक साक्षात्कार। संचार के आधुनिक रूप – फैंक्स , ई मेल, वीडियो कॉन्फ्रेंसिंग आदि अंतराष्ट्रीय संचार : सांस्कृतिक संवेदनशीलता एवं सांस्कृतिक संदर्भ , भूमण्डलीय व्यावसाय के लिए अंतराष्ट्रीय संप्रेषण।</p>

Suggested Readings:

1. Dr. P. K. Agrawal, Dr. A.K. Mishra ; Business Communication ; Sahitya Bhawan Publication ; Agra (Hindi medium)
2. Balasubramanyam: Business Communication; Vikas Publishing House, Delhi. (English medium)
3. Dr. Vinod Mishra : Business Communication; Sahitya Bhawan Publication ; Agra. (Hindi medium)
4. Kaul : Effective Business Communication; Prentice Hall, New Delhi. (English medium)
5. Patri VR : Essentials of Communication ; Greenspan Publications, New Delhi. (English medium)
6. Senguin J : Business Communication; The Real World and Your Career, Allied Publishers , New Delhi. (English medium)
7. Dr. Mishra , Shukla & Patel ; Business Communication ; SBPD Publishing House, Agra. (Both Hindi and English medium)



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समूह-2 प्रश्नपत्र – 2 – व्यावसायिक नियमन रूपरेखा

वर्तमान पाठ्यक्रम	प्रस्तावित पाठ्यक्रम
<p>इकाई – 1 भारतीय अनुबंध अधिनियम (1872) : अनुबंध की प्रकृति : वर्गीकरण , प्रस्ताव तथा स्वीकृति, अनुबंध के योग्य पक्षकार , पक्षकारों की स्वतंत्र सहमति , प्रतिफल, उद्देश्य की वैधता , व्यर्थ घोषित ठहराव : अनुबंध का निष्पादन , अनुबंधों की समाप्ति , अनुबंध भंग के उपाय एवं परिणाम।</p> <p>इकाई – 2 विशिष्ट अनुबंध : क्षतिपूर्ति , प्रतिभूति, निक्षेप, गिरवी अनुबंध, एजेंसी।</p> <p>इकाई – 3 वस्तु विक्रय अधिनियम (1930) : वस्तु विक्रय अनुबंध का निर्माण , माल का वर्गीकरण , कीमत, शर्तें और आश्वासन , माल के स्वामित्व का हस्तांतरण, विक्रय अनुबंध का निष्पादन , अदत्त विक्रेता के अधिकार , नीलाम द्वारा विक्रय , किराया क्रय ठहराव।</p> <p>इकाई – 4 विनिमय साध्य विलेख अधिनियम (1881) : परिभाषाएं, विशेषताएं , प्रतिज्ञा पत्र, विनिमय विपत्र और धनादेश (चैक) : धारक तथा यथाविधिधारी , रेखांकित चैक, रेखांकन के प्रकार, परक्रामण, विनिमय साध्य विलेख का अनदारण व मुक्ति।</p> <p>इकाई – 5 उपभोक्ता संरक्षण अधिनियम (1986) : मुख्य विशेषताएं , उपभोक्ता की परिभाषा , उपभोक्ता विवाद निवारण अभिकरण। मुख्य प्रावधान , सूचना का अधिकार अधिनियम (2005) – मुख्य प्रावधान।</p>	<p>इकाई – 1 भारतीय अनुबंध अधिनियम (1872) : अनुबंध की प्रकृति : वर्गीकरण , प्रस्ताव तथा स्वीकृति, अनुबंध के योग्य पक्षकार , पक्षकारों की स्वतंत्र सहमति , प्रतिफल, उद्देश्य की वैधता , व्यर्थ घोषित ठहराव ।</p> <p>इकाई – 2 अनुबंध का निष्पादन ; अनुबंधों की समाप्ति , अनुबंध भंग के उपाय एवं परिणाम। विशिष्ट अनुबंध : क्षतिपूर्ति , प्रतिभूति, निक्षेप , गिरवी अनुबंध, एजेंसी।</p> <p>इकाई – 3 वस्तु विक्रय अधिनियम (1930) : वस्तु विक्रय अनुबंध का निर्माण , माल का वर्गीकरण , कीमत, शर्तें और आश्वासन , माल के स्वामित्व का हस्तांतरण, विक्रय अनुबंध का निष्पादन , अदत्त विक्रेता के अधिकार , नीलाम द्वारा विक्रय , किराया क्रय ठहराव।</p> <p>इकाई – 4 विनिमय साध्य विलेख अधिनियम (1881) : परिभाषाएं, विशेषताएं , प्रतिज्ञा पत्र, विनिमय विपत्र और धनादेश (चैक) : धारक तथा यथाविधिधारी , रेखांकित चैक, रेखांकन के प्रकार, परक्रामण, विनिमय साध्य विलेख का अनदारण व मुक्ति।</p> <p>इकाई – 5 उपभोक्ता संरक्षण अधिनियम (1986) : मुख्य विशेषताएं , उपभोक्ता की परिभाषा , उपभोक्ता विवाद निवारण अभिकरण। भारतीय साझेदारी अधिनियम 1932। सीमित दायित्व वाली साझेदारी अधिनियम 2008। बौद्धिक संपदा अधिकार अधिनियम का परिचय – कॉपीराइट, पेटेंट एवं ट्रेडमार्क।</p>



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B.COM PART III

COMPULSORY CORE COURSE

TITLE OF PAPER - Group-I - PAPER – I - INCOME TAX

OBJECTIVE

It enables the students to know the basics of Income Tax Act and its implications.

M.M. 75

Present syllabus	Proposed syllabus	Remark
UNIT-I Basic Concepts : Income, agricultural Income, casual income, assessment year, previous year, gross total income, total income, person. Basis of charge : Scope of total income, residence and tax liability, income which does not form part of total income.	UNIT-I Basic Concepts : Income, agricultural Income, casual income, assessment year, previous year, gross total income, total income, person. Basis of charge : Scope of total income, residence and tax liability, income which does not form part of total income.	No change
UNIT-II Heads of Income : Salaries; Income from house property.	UNIT-II Heads of Income : Salaries; Income from house property.	No change
UNIT-III Profit and gains of business or profession, including provisions relating to specific business; Capital gains, Income from other sources.	UNIT-III Profit and gains of business or profession, including provisions relating to specific business; Capital gains, Income from other sources.	No change
UNIT-IV Computation of Tax Liability : Set-off and carry forward of losses; Deduction from gross total income. Aggregation of income; Computation of total income and tax liability of and individual, H.U.F., and firm.	UNIT-IV Computation of Tax Liability : Set-off and carry forward of losses; Deduction from gross total income. Aggregation of income; Computation of total income and tax liability of individual and & HUF,	Omitted firm.
UNIT-V Tax Management : Tax deduction at source; Advance payment of tax; Assessment procedures; Tax planning for individuals. Tax evasion, Tax Avoidance and Tax planning. Tax	UNIT-V Tax Management : Tax deduction at source; Advance payment of tax; Assessment procedures; Tax planning for individuals. Tax evasion, Tax Avoidance and Tax planning. Tax	Addition of practical work relating important

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स्नातकोत्तर हेतु अनिवार्य विषय -

**COURSE TITLE : INTELLECTUAL PROPERTY RIGHTS,
HUMAN RIGHTS & ENVIRONMENT: BASICS**

CREDIT: THEORY: PRACTICAL : 6	HOURS: 90 THEORY: 90 PRACTICAL : 135
MARKS: 80 + 20 THEORY: PRACTICAL :	MARKS: THEORY: PRACTICAL :

OBJECTIVE:

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data.

UNIT-1 12 Hrs

- Patents :- Introduction & concepts, Historical Overview.
- Subject matter of patent.
- Kinds of Patents.
- Development of Law of Patents through international treaties and conventions including TRIPS Agreement.
- Procedure for grant of patents & term of Patent.
- Surrender, revocation and restoration of patent.
- Rights and obligations of Patentee
- Grant of compulsory licenses
- Infringement of Patent and legal remedies
- Offences and penalties
- Discussion on leading cases.

UNIT-2 24 Hrs

- Meaning of Copyright, Historical Evolution,
- Subject matter of copyright.
- Literary works
- Dramatic Works & Musical Works
- Computer Programme
- Cinematographic films
- Registration of Copyrights



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- Term of Copyright and Ownership of Copyrights
- Neighboring Rights
- Rights of Performers & Broadcasters
- Assignment of Copyright.
- Author's Special Rights (Moral Rights)
- Infringement of Copyrights and defenses
- Remedies against infringement (Jurisdiction of Courts and penalties)
- International Conventions including TRIPS Agreement WIPO, UCC, Paris Union, Berne Convention, UNESCO.
- Discussion on leading cases.

UNIT-3 10 Hrs

- Rights: Meaning
- Human Rights- Meaning & Essentials
- Human Rights Kinds
- Rights related to Life, Liberty, Equals & Disable.

UNIT -4 24 Hrs

- National Human Rights Commission
- State Human Rights Commission
- High Court
- Regional Court
- Procedure & Functions of High & Regional Court.

UNIT -5 20 Hrs

- Right to Environment as Human Right
- International Humanitarian Law and Environment
- Environment and Conflict Management
- Nature and Origin of International Environmental Organisations (IEOs)
- Introduction to Sustainable Development and Environment
- Sustainable Development and Environmental Governance.

SUGGESTED READINGS

1. G.B.Reddy, *Intellectual Property Rights and Law*, Gogia Law Agency, Hyderabad.
2. S.R.Myneni, *Intellectual Property Law*, Eastern Law House, Calcutta



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COURSE TITLE : RESEARCH METHODOLOGY & COMPUTER APPLICATION: BASICS

CREDIT:6
THEORY: 6 PRACTICAL : 0

HOURS: 90
THEORY: 90 PRACTICAL : 0

MARKS:
THEORY: 100 (80+20)

OBJECTIVE:

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data
- Achieves skills in various research writings
- Gets acquainted with computer Fundamentals and Office Software Package .

UNIT-1

18 Hours

CONCEPT OF RESEARCH :

- ① Meaning and characteristics of research , Steps in research process , Types of research ②
- i) Basic, applied and action research ii) Quantitative and qualitative research , Areas of research in concern discipline

SELECTION OF PROBLEM FOR RESEARCH :

Sources of the selection of the problem ③ Criteria of the selection of the problem ④ Drafting a research proposal , Meaning and types of variables , Meaning and types of hypotheses . ⑤ ⑥ ⑦

UNIT-2

18Hours

TOOLS OF RESEARCH :

- ⑧ Meaning and general information about construction procedure of (i) Questionnaire , (ii) Interview , (iii) Psychological test , (iv) observation (v) Rating scale (vi) Attitude scale and (vii) check list , Advantages and disadvantages of above tools ⑨ ⑩ ⑪

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SAMPLING :

(Meaning of population and sample, Importance and characteristics of sample) (Sampling techniques - i) Probability sampling : random sampling, stratified random sampling, systematic sampling, cluster sampling ii) Non-probability sampling: incidental sampling, purposive sampling, quota sampling)

UNIT-3 18 Hours

METHODS OF RESEARCH:

(14) Meaning and conducting procedure of following methods of research : Historical method, Survey method, Case study, Causal comparative method, Developmental methods, Experimental methods)

UNIT-4 18 Hours

TREATMENT OF DATA:

(16) (Level of measurements of data) (Steps in treatment of data: editing, coding, classification, tabulation, analysis and interpretation of results)

WRITING RESEARCH REPORT:

(18) Sections of report : Preliminary section, Content section : various chapters, Supplementary section : appendices, references, abstract, Format and style

UNIT-5 18 Hours

Computer Fundamentals:

Computer System : Features, Basic Applications of Computer, Generations of computers.
Parts of Computer System : Block Diagram of Computer System ; Central Processing Unit (CPU) ; Concepts and types of Hardware and Software, (Input Devices - Mouse, Keyboard, Scanner, Bar Code Reader, track ball ; (Output Devices - Monitor, Printer, Plotter, Speaker ; (Computer Memory - primary and secondary memory, magnetic and optical storage devices.)
Operating Systems - MS Windows : Basics of Windows OS ; Components of Windows - icons, taskbar, activating windows, using desktop, title bar, running applications, exploring computer, managing files and folders, copying and moving files and folders ;
Word Processing - MS Word : Creating, Saving, Opening, Editing,

Formatting, Page Setup and printing Documents ; Using tables, pictures, and charts in Documents ; Using Mail Merge sending a document to a group of people and creating form, letters and label.
Spreadsheet - MS Excel : Opening a Blank or New Workbook, entering data/Function/Formula into worksheet cell, Saving, Editing, Formatting, Page Setup and printing Workbooks.
Presentation Software - MS Power Point : Creating and enhancing a presentation

SUGGESTED READINGS

Agrawal, Y. P. (1988). Better sampling : Concepts, Techniques and Evaluation. New Delhi : sterling Publishers Private Ltd. Best, J. W. (1993).
Research in Education (6th ed.) New Delhi : Prentice-Hall of India Pvt. Ltd.
Broota, K. D. (1992) Experimental design in Behavioral Research (2nd ed.) New Delhi : Wiley Eastern Limited.
Dasgupta, A. K. (1968). Methodology of Economic Research. Bombay: Asia Publishing House. Edwards, A. L. (1957). Techniques of Attitude Scale construction. New York : Appleton-Century
Gall, M. D., Gall, J. P. and Borg, W. R. (2007). Educational Research : An introduction (8th ed.) Coston : Allyn and Bacon.
Garrett, H. E. & Woodworth, R. S. (1969). Statistics in Psychology and Education. Bombay : Vakils, Fecffer & Simons Pvt. Ltd.
Goode, W. J. & Hatt, Paul K. (1952). Methods in Social Research. New York : McGraw-Hill.
Gopal, M. H. (1964). An Introduction to research Procedure in Social Sciences. Bombay : Asia Publishing House.
Hillway, T. (1964) Introduction to Research (2nd ed.) Noston : Houghton Miffin.
Hyman, H. H., et al. (1975). Interviewing in Social Research. Chicago : University of Chicago Press.
Kerlinger, F. N. (1983) Foundation of Behavioural Research. (2nd

SUGGESTED READINGS

Bhanucha, Erach. Text Book of Environmental Studies. Hyderabad : University Press (India) private limited, 2005
 Doabia, T.S. Environmental and Pollution Laws in India. New Delhi : Wadhwa and Company, 2005
 Joseph, Benny: Environmental Studies, New Delhi : Tata McGraw-Hill Publishing Company Limited 2006.
 Khan. I.A., Text Book of Environmental Laws. Allahabad : Central Law Agency, 2002.
 Leelakrishnan, P. Environmental Law Case Book. 2nd Edition New Delhi : LexisNexis Butterworths, 2006
 Leelakrishnan, P. Environmental Law in India 2nd Edition. New Delhi : LexisNexis Butterworths, 2005.
 Shastri, S.C. (ed). Human Rights, Development and Environmental Law, An Anthology. Jaipur : Bharat Law Publications, 2006
 Environmental Pollution by Asthana and Asthana, S. Chand Publication Environmental Science by Dr. S.R.Myneni, Asia Law House
 Gurdeep Singh, Environmental Law in India (2005) Macmillan.
 Shyam Diwan and Arun Roseencranz, Environmental Law and Policy in India - Cases, Materials and Statutes (2nd ed., 2001) Oxford University Press.

JOURNALS:-

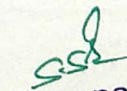
Journals of Indian Law Institute, ILI New Delhi.
 Journals of Environmental Law, NLSIU, Bangalore.

MAGAZINES:-

Economical and Political Weekly
 Down to Earth.

M.A. SOCIOLOGY SECOND SEMESTER

COURSE CODE : MAS B02		COURSE TYPE : ECC/CB	
COURSE TITLE : SOCIOLOGY OF DEVELOPMENT			
CREDIT :		HOURS :	
THEORY :	PRACTICAL :	THEORY :	PRACTICAL :
6		90	
MARKS :		MARKS	
THEORY :	PRACTICAL :	THEORY :	PRACTICAL :
80+20			
OBJECTIVE : To give a basic understanding of sociology. To know the meaning and subject matter of sociology. To understand the nature of scientific study. To know the nature and scope of sociology. To study the contribution of early thinkers towards the development of sociology.			
UNIT-1/ 18 Hours	Perspectives on Development a. Modernization b. Marxist c. Dependency d. Alternative		
UNIT-2/ 18 Hours	Changing Conception of Human Development a. Mainstream vs. Indigenous Model of Development b. Human Indicator Index c. Sustainable Development. Socio-Cultural d. Impact of Bio - Technology and Information Technology on Development.		
UNIT-3/ 18 Hours	Indian Experience on Development a. Sociological Appraisal of Five year plans b. Social Consequences of Economic Reforms c. Socio Cultural Impact of Globalization d. Social Implication of infoTech and Bio-Tech Revolution.		
UNIT-4/ 18 Hours	Consequences of Development a. Development and Displacement b. Development and Socio-Economic Disparities c. Environmental Degradation d. Development and Migration		
UNIT-5/ 18 Hours	Issues and development in Contemporary India a. Environment b. Gender Discrimination c. Privatization and Sustainable condition d. Sustainability		


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M.A. SOCIOLOGY SECOND SEMESTER

COURSE CODE : MAS B0

COURSE TYPE : ECC/CB

COURSE TITLE : **POLITICAL SOCIOLOGY**

CREDIT : THEORY : 6 PRACTICAL : HOURS : THEORY : 90 PRACTICAL :

MARKS : THEORY : 80+20 PRACTICAL : MARKS THEORY : PRACTICAL :

OBJECTIVE: To give a basic understanding of sociology. To know the meaning and subject matter of sociology. To understand the nature of scientific study. To know the nature and scope of sociology. To study the contribution of early thinkers towards the development of sociology.

UNIT-1/ 18 Hours Relationship between Society and polity, Sociological Definitions of Politics, authority and the state

UNIT-2/ 18 Hours Theoretical Approaches to the State : Liberal, Pluralist, Power - elite. Post -modernist Marxist tradition, Weberian Tradition, Discourse Theory and the New Political sociology

UNIT-3/ 18 Hours Dominance and power within the nation state nature of post - colonial state, State -civil society relationship Silent revolution, limited citizenship mass movements Issues of nation - building and citizenship: ethnicity, class, gender and caste.

UNIT-4/ 18 Hours Society and the state in India : religious nationalism, Hindutva and politics of upper castes the caste system and patriarchy; Language, Ethnicity and Region. Contemporary Challenges: Limited Citizenship, New Social Movements, Globalization, Civil society-state relationship



M.A. SOCIOLOGY SECOND SEMESTER

COURSE CODE : MAS B05

COURSE TYPE : ECC/CB

COURSE TITLE : **THEORETICAL PERSPECTIVES IN SOCIOLOGY**

CREDIT : THEORY : 6 PRACTICAL : HOURS : THEORY : 90 PRACTICAL :

MARKS : THEORY : 80+20 PRACTICAL : MARKS THEORY : PRACTICAL :

OBJECTIVE : To give a basic understanding of sociology. To know the meaning and subject matter of sociology. To understand the nature of scientific study. To know the nature and scope of sociology. To study the contribution of early thinkers towards the development of sociology.

UNIT-1/ 18 Hours Tribal Society as Agrarian Society a. Tribe Concept and Characteristic b. Tribe class c. Changing problems of Tribal Land

UNIT-2/ 18 Hrs. Social Issues a. Migration b. Land Alienation c. Loss of Livelihood

UNIT-3/ 18 Hrs. Contemporary issues a. Health b. Education c. Changing status of Rural Women d. Inequality

UNIT-4/ 18 Hrs. Peasant Movement a. Causes b. Types c. Tebhaga d. Telengana

UNIT-5/ 18 Hrs. Naxite movement in Contemporary India. a. Origin and affected areas b. Causes c. Present status; Government measures and people's response.

Recommended Reading
1. Beteille A. 1986 Inequality and Social change Oxford New Delhi
2. Bardhan, p. Poverty, Agrarian structure and political Economy in India.
3. Desai, A. R. 1979 Rural Society in Transition Popular, Mumbai
4. ----- 1979 Peasant Struggle in India Oxford, New Delhi
5. ----- (ed) 2003 Rural Sociology in India popular, Mumbai
6. Dreze, j and Sen A. India: Development and participation, Oxford

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M.A. SOCIOLOGY FOURTH SEMESTER

COURSE CODE : MAS 402

COURSE TYPE : CCC

**COURSE TITLE :
COMPARATIVE SOCIOLOGY ✓**

CREDIT : THEORY : 6	PRACTICAL :	HOURS : THEORY : 90	PRACTICAL :
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MARKS : THEORY : 80+20	PRACTICAL :	MARKS THEORY :	PRACTICAL :
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OBJECTIVE : To give a basic understanding of sociology. • To know the meaning and subject matter of sociology. • To understand the nature of scientific study. • To know the nature and scope of sociology. • To study the contribution of early thinkers towards the development of sociology.

UNIT-1/ 18 Hours	Historical and Social Context of Emergence of Sociology in the West a. Emergence of growth of Sociology in West b. Eurocentric Moorings western Sociology Tradition c. Americanization of Sociology.
UNIT-2/ 18 Hours	Central Themes in Comparative a. Modernity and Development b. Diversity and multi Culturalism c. Environment d. Globalization
UNIT-3/ 18 Hours	Theoretical Converg, s in Comparative sociology a. Problems of theoring in sociology b. Theoretical and Methodological approaches in sociology.
UNIT-4/ 18 Hours	Current Debates a. Contextualization b. Indianization c. Use of Native Categories d. Criticism.
UNIT-5/ 18 Hours	Debate on "For Sociology of India" a. Sociology of India b. Sociology in India c. Sociology for India d. Criticism

M.A. SOCIOLOGY FOURTH SEMESTER

COURSE CODE : MAS 403

COURSE TYPE : CCC

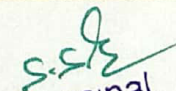
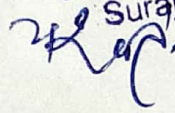
**COURSE TITLE :
CRIMINOLOGY-II**

CREDIT : THEORY : 6	PRACTICAL :	HOURS : THEORY : 90	PRACTICAL :
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MARKS : THEORY : 80+20	PRACTICAL :	MARKS THEORY :	PRACTICAL :
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OBJECTIVE : To give a basic understanding of sociology. • To know the meaning and subject matter of sociology. • To understand the nature of scientific study. • To know the nature and scope of sociology. • To study the contribution of early thinkers towards the development of sociology.

UNIT-1/ 18 Hours	Roots of Correction to prevent Crime a. Socialization b. Family values c. Role of education.
UNIT-2/ 18 Hours	Correction and it's Forms a. Meaning and Significance of Correction; Prison Based and Community Based b. Correctional Programmes in Prison History of Pnson Reforms in India c. After care and Rehabilitation Programme.
UNIT-3/ 18 Hours	Problem of Correctional Administration a. Overcrowding ; Lack of inter Agency Co-Ordination among Police Prosecuton, Judiciary and Prison b. Offences c. Problem of Criminal Justice Administration
UNIT-4/ 18 Hours	Victimological Perspective a. Victim's Responsibility in Crime b. Violation of Prisoner's human Rights c. Problems of Women Offenders.
UNIT-5/ 18 Hours	Community Policing a. Concept and Objectives 25 b Types d. Significance


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UNIT-5/ 18 Hours	New Social Movements a. Dalit b. Women c. Ethnic d. Environmental
Recommended	<ol style="list-style-type: none"> 1. Banks, J.A., 1972; The Sociology of Social Movements (London : Macmillan) 2. Desai, A.R., Ed., 1979; Peasant Struggles in India (Bombay : Oxford University Press) 3. Danagare, D.N., 1983; Peasant Movements In Indian 1920-1950 (Delhi : Oxford University Press. 4. Gore, M.S., 1993; The Social Context of an Ideology : Ambedkar's Political and Social 5. Oomen, T.K., 1990 : Protest and Change : Studies in Social Movements (Delhi : Sage).

M.A. (SOCIOLOGY) / SYLLABUS (CBCS) / SEMESTER - IV



PART-4

M.A. SOCIOLOGY FOURTH SEMESTER (CBCS)

Course Code	Course Type	Course/Paper /Subjects	Credits	Contact Hours Per Week							Eose Duration (Hrs.)		Marks		
				L	T	P	Thy	P	Thy	P	SEE	IA			
		Compulsory paper													
MS 301	CCS	INDIAN SOCIOLOGICAL THEORY	6	4	3	00	3	00	3	0	0	70	30		
MS 302	CCS	COMPARATIVE SOCIOLOGY	6	4	3	00	3	00	3	0	0	70	30		
MS 303	CCS	CRIMINOLOGY-II	6	4	3	00	3	00	3	0	0	70	30		
MS 304	PROJSSC	DISSERTATION	6	4	3	00	3	00	3	0	0	70	30		
		OPTIONAL PAPER													
MS 305	ECOCB	URBAN SOCIOLOGY IN INDIA	6	4	3	00	3	00	3	0	0	70	30		
MS 306	ECOCB	SOCIOLOGY OF DISASTER MGT AND DISASTER PLANNING	6	4	3	00	3	00	3	0	0	70	30		

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M.A. SOCIOLOGY FOURTH SEMESTER			
COURSE CODE : MAS D02		COURSE TYPE : ECC/CB	
COURSE TITLE : URBAN SOCIETY IN INDIA ✓			
CREDIT : THEORY : 6	PRACTICAL :	HOURS : THEORY : 90	PRACTICAL :
MARKS : THEORY : 80+20	PRACTICAL :	MARKS THEORY :	PRACTICAL :
OBJECTIVE : To give a basic understanding of sociology. ● To know the meaning and subject matter of sociology. ● To understand the nature of scientific study. ● To know the nature and scope of sociology. ● To study the contribution of early thinkers towards the development of sociology.			
UNIT-1/ 18 Hours	Classical sociological traditions as urban and city dimensions, Emile Durkheim, Karl Marx, Max Weber and Tonnies.		
UNIT-2/ 18 Hours	Urban sociology in India ; Emerging trends in urbanisation, Factors of urbanisation, sociological dimention of urbanisation, Social consequences of urbanisation.		
UNIT-3/ 18 Hours	Classification of urban centres, cities and towns, City industrial urbanbase, its growth and special features, industry centered developments.		
UNIT-4/ 18 Hours	Changing occupational structure, and its impact on social stratification - class, caste Gender, family Indian city and its growth, migration, problems of housing, slum development, urban environment problems, urban poverty.		
UNIT-5/ 18 Hours	Urban planing and problems of urban management of India. Urban institutions, Factors affecting planing, regional planing and the links between social and spatial theory.		

M.A. SOCIOLOGY FOURTH SEMESTER			
COURSE CODE : MAS 403		COURSE TYPE : CCC	
COURSE TITLE : SOCIOLOGY OF DISASTERS MGT, AND DISASTER PLANING			
CREDIT : THEORY : 6	PRACTICAL :	HOURS : THEORY : 90	PRACTICAL :
MARKS : THEORY : 80+20	PRACTICAL :	MARKS THEORY :	PRACTICAL :
OBJECTIVE : To give a basic understanding of sociology. ● To know the meaning and subject matter of sociology. ● To understand the nature of scientific study. ● To know the nature and scope of sociology. ● To study the contribution of early thinkers towards the development of sociology.			
UNIT-1/ 18 Hours	Concepts, definitions and Naturo of disasters.		
UNIT-2/ 18 Hours	Causes and Types of Disasters : Floods, earthquakes, epidemics, wars, industrial disasters, nuclear disasters,		
UNIT-3/ 18 Hours	The effects and aftermath of disasters : victims and survivors		
UNIT-4/ 18 Hours	The Welfare State and Disasters : the role of the state in preventing apprehending and managing disasters.		
UNIT-5/ 18 Hours	Disasters and civil Society meaning of Disasters, the role of voluntary organizations, political organizations, citizens associations international bodies.		



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M.A. SOCIOLOGY SECOND SEMESTER

COURSE CODE : MASB01

COURSE TYPE : ECC/CB

COURSE TITLE : ENVIRONMENTAL AND FOREST LAWS

CREDIT : 06
THEORY : 06

HOURS : 90
THEORY : 90

MARKS : 100
THEORY : 80

OBJECTIVE :

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data
- Achieves skills in various research writings
- Gets acquainted with computer Fundamentals and Office Software Package.

UNIT-1
18 Hours

EVOLUTION OF FOREST AND WILD LIFE LAWS

- Importance of Forest and Wildlife
- Evolution of Forest and Wild Life Laws
- Forest Policy during British Regime
- Forest Policies after Independence.
- Methods of Forest and Wildlife Conservation.

UNIT-2
18 Hours

FOREST PROTECTION AND LAW

- Indian Forest Act 1927
- Forest Conservation Act, 1980 & Rules therein
- Rights of Forest Dwellers and Tribal
- The Forest Rights Act, 2006
- National Forest Policy 1988

UNIT-3
18 Hours

WILDLIFE PROTECTION AND LAW

- Wild Life Protection Act, 1972
- Wild Life Conservation strategy and Projects
- The National Zoo Policy

UNIT-4
18 Hours

CHAPTER - BASIC CONCEPTS

- Meaning and definition of environment
- Multidisciplinary nature of environment
- Concept of ecology and ecosystem
- Importance of environment
- Meaning and types of environmental pollution
- Factors responsible for environmental degradation.

CHAPTER - INTRODUCTION TO LEGAL SYSTEM

- Acts, Rules, Policies, Notification, circulars etc
- Constitutional provision on Environment Protection
- Judicial review, precedents

CHAPTER- LEGISLATIVE FRAMEWORK FOR POLLUTION CONTROL LAWS

- Air Pollution an Law
- Water Pollution and Law
- Noise Pollution an Law,

UNIT-5
18 Hours

CHAPTER- LEGISLATIVE FRAMEWORK FOR ENVIRONMENT PROJECT

- Environment Protection Act & rules there under
- Hazardous Waste and Law
- Principles of strict and absolute Liability
- Public Liability Insurance Act
- Environment Impact Assesment Regulation in india

CHAPTER- ENVIRONMENTAL CONSTITUTIONALISM

- Fundamental Rights and Environment
 - Right to Equality Article 14
 - Right to Information Article 19
 - Right to Life Article 21
 - Freedom of Trade vis -a -vis Environment Protection
- The Forty -second Amendment Act
- Directive Principles of state Policy & Fundamental Duties
- Judicial Activism and PIL



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M.A. SOCIOLOGY FIRST SEMESTER			
COURSE CODE : MAS103		COURSE TYPE : CCC	
III - COURSE TITLE : SOCIAL CHANGE IN INDIA			
CREDIT : THEORY : 6	PRACTICAL :	HOURS : THEORY : 90	PRACTICAL :
MARKS : THEORY : 80+20	PRACTICAL :	MARKS THEORY :	PRACTICAL :
OBJECTIVE : To give a basic understanding of sociology. • To know the meaning and subject matter of sociology. • To understand the nature of scientific study. • To know the nature and scope of sociology. • To study the contribution of early thinkers towards the development of sociology.			
UNIT-1/ 22 Hours	Conceptual and Theoretical Frame Work a. Concept b. Forms c. Linear Theory d. Cyclic Theory		
UNIT-2/ 23 Hours	Factors of Social Change a. Techno-Economic b. Socio-Psychological c. Cultural and Redigious d. Media		
UNIT-3/ 22 Hours	Trends and Processes of Change in Modern India a. Sanskritization b. Secularization c. Gandhian d. Globalization		
UNIT-4/ 23 Hours	Change in Urban and Industrial India a. In Migration and Growth of informal sector. b. Development of Slums. c. Development of Criminal Activities. d. Welfare measures and Consequent Changes.		



M.A. SOCIOLOGY FIRST SEMESTER			
COURSE CODE : MAS A02		COURSE TYPE : ECC/CB	
I - COURSE TITLE : GENDER AND SOCIETY			
CREDIT : THEORY : 6	PRACTICAL :	HOURS : THEORY : 90	PRACTICAL :
MARKS : THEORY : 80+20	PRACTICAL :	MARKS THEORY :	PRACTICAL :
OBJECTIVE : To give a basic understanding of sociology. • To know the meaning and subject matter of sociology. • To understand the nature of scientific study. • To know the nature and scope of sociology. • To study the contribution of early thinkers towards the development of sociology.			
UNIT-1/ 22 Hours	1. Gender in Sociological Analysis : a. Approaches to the Study of Gender b. Gender Studies as a Critique of Ethnography and Theory		
UNIT-2/ 23 Hours	2. Reproduction, Sexuality and Ideology : a. Biology and Culture b. Concepts of Male and Female c. Life Cycle		
UNIT-3/ 22 Hours	3. Family, Work and Property : a. Production and Reproduction b. Work and Property c. Family and Household		
UNIT-4/ 23 Hours	4. The Politics of Gender : a. Complementarity, Inequality, Dependence, Subordination b. Feminist Theories and Feminist Politics		

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M.A. SOCIOLOGY THIRD SEMESTER

COURSE CODE : MASS 02

COURSE TYPE : OSC

COURSE TITLE: INTELLECTUAL, PROPERTY RIGHTS, HUMAN RIGHTS & ENVIRONMENT : BASICS ✓

CREDIT : 06

HOURS : 90

THEORY : 06

THEORY : 90

OBJECTIVE:

Understands the concept and place of research in concerned subject
 Gets acquainted with various resources for research
 Becomes familiar with various tools of research
 Gets conversant with sampling techniques, methods of research and techniques of analysis of data

UNIT-1/
12 Hours

- Patents :- Introduction & concepts, Historical Overview.
- Subject matter of patent.
- Kinds of Patents.
- Development of Law of Patents through international treaties and conventions including TRIPS Agreement.
- Procedure for grant of patents & term of Patent.
- Surrender, revocation and restoration of patent.
- Rights and obligations of Patentee
- Grant of compulsory licenses
- Infringement of Patent and legal remedies
- Offences and penalties
- Discussion on leading cases.

UNIT-2/
24 Hours

Meaning of Copyright, Historical Evolution,
 Subject matter of copyright
 Literary works
 Dramatic Works & Musical Works
 Computer Programme
 Cinematographic films
 Registration of Copyrights
 Term of Copyrights and Ownership of Copyrights
 Neighboring Rights
 Rights of Performers & Broadcasters
 Assignment of Copyrights

Author's Special Rights (Moral Rights)
 Infringement of Copyrights and defenses
 Remedies against Infringement (Jurisdiction of Courts and penalties)
 International Conventions including TRIPS Agreement WIPO, UCC, Paris Union, Berne Convention, UNESCO.
 Discussion on leading cases.

UNIT-3/
10 Hours

Rights - Meaning
 Human Rights - Meaning & Essentials
 Human Rights Kinds
 Rights related to Life, Liberty, Equals & Disable

UNIT-4
24 Hours

- National Human Rights Commission
- State Human Rights Commission
- High Court
- Regional Court
- Procedure & Functions of High & Regional Court.

UNIT-5
20 Hours

- Right to Environment as Human Right
- International Humanitarian Law and Environment
- Environment and Conflict Management
- Introduction to Sustainable Development and Environment
 Sustainable Development and Environmental Governance



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M.A. SOCIOLOGY THIRD SEMESTER

COURSE CODE : MASS 02

COURSE TYPE : OSC

COURSE TITLE : INTELLECTUAL, PROPERTY RIGHTS, HUMAN RIGHTS & ENVIRONMENT : BASICS

CREDIT : 06

HOURS : 90

THEORY : 06

THEORY : 90

OBJECTIVE:

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data

UNIT-1/ 12 Hours

- Patents :- Introduction & concepts, Historical Overview.
- Subject matter of patent.
- Kinds of Patents.
- Development of Law of Patents through international treaties and conventions including TRIPS Agreement.
- Procedure for grant of patents & term of Patent.
- Surrender, revocation and restoration of patent.
- Rights and obligations of Patentee
- Grant of compulsory licenses
- Infringement of Patent and legal remedies
- Offences and penalties
- Discussion on leading cases.

UNIT-2/ 24 Hours

Meaning of Copyright, Historical Evolution, Subject matter of copyright
 Literary works
 Dramatic Works & Musical Works
 Computer Programme
 Cinematographic films
 Registration of Copyrights
 Term of Copyrights and Ownership of Copyrights
 Neighboring Rights
 Rights of Performers & Broadcasters
 Assignment of Copyrights

Author's Special Rights (Moral Rights)
 Infringement of Copyrights and defenses
 Remedies against infringement (Jurisdiction of Courts and penalties)
 International Conventions including TRIPS Agreement WIPO; UCC, Paris Union, Berne Convention, UNESCO.
 Discussion on leading cases.

UNIT-3/ 10 Hours

Rights : Meaning
 Human Rights - Meaning & Essentials
 Human Rights Kinds
 Rights related to Life, Liberty, Equals & Disable

UNIT-4 24 Hours

- National Human Rights Commission
- State Human Rights Commission
- High Court
- Regional Court
- Procedure & Functions of High & Regional Court.

UNIT-5 20 Hours

- Right to Environment as Human Right
- International Humanitarian Law and Environment
- Environment and Conflict Management
- Introduction to Sustainable Development and Environment
- Sustainable Development and Environmental Governance



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M.A. SOCIOLOGY THIRD SEMESTER

COURSE CODE : MASS 02

COURSE TYPE : OSC

COURSE TITLE : INTELLECTUAL, PROPERTY RIGHTS, HUMAN RIGHTS & ENVIRONMENT : BASICS

CREDIT : 06

HOURS : 90

THEORY : 06

THEORY : 90

OBJECTIVE:

Understands the concept and place of research in concerned subject
 Gets acquainted with various resources for research
 Becomes familiar with various tools of research
 Gets conversant with sampling techniques, methods of research and techniques of analysis of data

UNIT-1
12 Hours

- Patents :- Introduction & concepts, Historical Overview.
- Subject matter of patent.
- Kinds of Patents.
- Development of Law of Patents through international treaties and conventions including TRIPS Agreement.
- Procedure for grant of patents & term of Patent.
- Surrender, revocation and restoration of patent.
- Rights and obligations of Patentee
- Grant of compulsory licenses
- Infringement of Patent and legal remedies
- Offences and penalties
- Discussion on leading cases.

UNIT-2
24 Hours

Meaning of Copyright, Historical Evolution,
 Subject matter of copyright
 Literary works
 Dramatic Works & Musical Works
 Computer Programme
 Cinematographic films
 Registration of Copyrights
 Term of Copyrights and Ownership of Copyrights
 Neighboring Rights
 Rights of Performers & Broadcasters
 Assignment of Copyrights

	Author's Special Rights (Moral Rights) Infringement of Copyrights and defenses Remedies against Infringement (Jurisdiction of Courts and penalties) International Conventions including TRIPS Agreement WIPO; UCC, Paris Union, Berne Convention, UNESCO. Discussion on leading cases.
UNIT-3/ 10 Hours	Rights : Meaning Human Rights - Meaning & Essentials Human Rights Kinds Rights related to Life, Liberty, Equals & Disable
UNIT-4 24 Hours	<ul style="list-style-type: none"> • National Human Rights Commission • State Human Rights Commission • High Court • Regional Court • Procedure & Functions of High & Regional Court.
UNIT-5 20 Hours	<ul style="list-style-type: none"> • Right to Environment as Human Right • International Humanitarian Law and Environment • Environment and Conflict Management • Introduction to Sustainable Development and Environment Sustainable Development and Environmental Governance



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M.A. SOCIOLOGY THIRD SEMESTER

COURSE CODE : MASS 02

COURSE TYPE : OSC

COURSE TITLE : INTELLECTUAL, PROPERTY RIGHTS, HUMAN RIGHTS & ENVIRONMENT : BASICS ✓

CREDIT : 06

HOURS : 90

THEORY : 06

THEORY : 90

OBJECTIVE:

Understands the concept and place of research in concerned subject
 Gets acquainted with various resources for research
 Becomes familiar with various tools of research
 Gets conversant with sampling techniques, methods of research and techniques of analysis of data

UNIT-1/
12 Hours

- Patents :- Introduction & concepts, Historical Overview.
- Subject matter of patent.
- Kinds of Patents.
- Development of Law of Patents through international treaties and conventions including TRIPS Agreement.
- Procedure for grant of patents & term of Patent.
- Surrender, revocation and restoration of patent.
- Rights and obligations of Patentee
- Grant of compulsory licenses
- Infringement of Patent and legal remedies
- Offences and penalties
- Discussion on leading cases.

UNIT-2/
24 Hours

Meaning of Copyright, Historical Evolution,
 Subject matter of copyright
 Literary works
 Dramatic Works & Musical Works
 Computer Programme
 Cinematographic films
 Registration of Copyrights
 Term of Copyrights and Ownership of Copyrights
 Neighboring Rights
 Rights of Performers & Broadcasters
 Assignment of Copyrights

Author's Special Rights (Moral Rights)
 Infringement of Copyrights and defenses
 Remedies against infringement (Jurisdiction of Courts and penalties)
 International Conventions including TRIPS Agreement WIPO, UCC, Paris Union, Berne Convention, UNESCO.
 Discussion on leading cases.

UNIT-3/
10 Hours

Rights : Meaning
 Human Rights - Meaning & Essentials
 Human Rights Kinds
 Rights related to Life, Liberty, Equals & Disable

UNIT-4
24 Hours

- National Human Rights Commission
- State Human Rights Commission
- High Court
- Regional Court
- Procedure & Functions of High & Regional Court.

UNIT-5
20 Hours

- Right to Environment as Human Right
- International Humanitarian Law and Environment
- Environment and Conflict Management
- Introduction to Sustainable Development and Environment
- Sustainable Development and Environmental Governance



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M.Sc. (ZOOLOGY)
COURSE CODE: ZOO102

1ST SEMESTER
COURSE TYPE: CCC

COURSE TITLE: Principles of Ecology

CREDIT: 7

HOURS: 135

THEORY: 5 PRACTICAL: 2

THEORY: 90 PRACTICAL: 45

MARKS:

THEORY: 100 (80+20)

PRACTICAL: 00

OBJECTIVE: The purpose of the course is to make the students to understand various ecological principles and factors that determine the size and number of population that can co-exist within a specific area. This knowledge is crucial for better development and management of natural resources and global environment.

Unit-1 18 Hours

Introduction to ecology, evolutionary ecology, environmental concepts - laws and limiting factors, ecological models. Characteristics of population, population size and exponential growth, limits of population growth, population dynamics, life history pattern, fertility rate and age structure. Competition and coexistence, intra-specific and inter-specific interactions, scramble and contest competition model, mutualism and commensalism, prey-predator interactions

Unit-2 18 Hours

Nature of ecosystem, production, food webs, energy flow through ecosystem, biogeochemical cycles, resilience of ecosystem, ecosystem management. The biosphere, biomes and impact of climate on biomes.

Unit-3-18 Hours

Environmental Stresses and their management, global climatic pattern, global warming, atmospheric ozone, acid and nitrogen deposition, coping with climatic variations. Major classes of contaminants. Uptake

4

Unit-4 18 Hours

Biotransformation, detoxification, elimination and accumulation of toxicants. Factors influencing bioaccumulation from food and trophic transfer. Pesticides and other chemical in agriculture, industry and hygiene and their disposal. Impact of chemicals on biodiversity of microbes, animals and plants. Bioindicator and biomarkers of environmental health. Biodegradation and bioremediation of chemicals.

Unit-5 18 Hours

Biodiversity - assessment, conservation and management, biodiversity act and related international conventions. Sustainable development, natural resource management in changing environment. Molecular ecology, genetic analysis of single and multiple population, phylogeography, molecular approach to behavioural ecology, conservation genetics.

LABORATORY WORK

(ZOO112) Habitat studies:

1. Physical and chemical characteristics of soil.
2. Assessing influence of light, temperature and moisture on plant germination and growth/animal behavior and growth.
3. Assessing influence of soil nutrient status on plant germination and growth.

Community/ecosystem studies:

1. Assessment of density, frequency and abundance of plants/animal in a community using various techniques i.e. transect, quadrat etc.
2. Comparison of stands/communities and ordination.
3. Profile diagrams.
4. Biomass and reproductive allocation under various environments.
5. Nutrient uptake and budget for various communities/Food chain assessment.
6. Decomposition of various organic matters and nutrient release mechanisms/role of arthropods and other micro-, and macrofauna in decomposition.
7. Understanding ecosystem succession by studying various stages of vegetation/community assemblages development.
8. Molecular techniques in laboratory.
9. Insect diversity in soil.

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M. A. In ECONOMICS (THIRD SEMESTER)	
COURSE CODE: ECO 301	COURSE TYPE : CCC
COURSE TITLE: International Economics-1	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	CCA : 20
THEORY: 80	
OBJECTIVE International trade acts as an engine of growth. It is necessary for P.G. students in economics to know international trade theories, practices and policies. It will help them to examine impact of trade policies followed by welfare implications.	
UNIT-1 18 Hrs	Concept of Inter-regional and International Trade; Theory of Comparative Advantage, Heckscher-Ohlin Theory of trade, Factor Endowment and Factor Price, Leontief Paradox. Empirical verification and relevance of theories; International Trade under Imperfect Competition.
UNIT-2 20Hrs	Terms of Trade and Economic Growth; Secular deterioration of terms of trade hypothesis : a critical review; International trade as an engine of growth; Gains from Trade and LDCs ; Foreign Trade Multiplier; Trade and Labour-Skills Theory by Donald Kessing; Research and Development Factor and Structure of Commodity Trade (By Gruber, Mehta and Vernon)
UNIT-3 18Hrs	Measurement of Gains from Trade; Concepts of Terms of trade, their uses and limitation; Factors affecting Terms of Trade. Impact of Tariffs; Political economy of Non-tariff Barriers; Trade and Development; Trade as engine of growth: Two Gap analysis- views of Prebisch, Singer and Myrdal.
UNIT-4 18Hrs	Meaning and concepts of Balance of Trade and Balance of Payment - Equilibrium and Disequilibria in Balance of Payment -
UNIT-5 18Hrs	The process of adjustment under systems of Gold Standard - Steps to correct imbalance of payments, traditional and monetary approaches for adjustment in the Balance of Payment- Theory of international reserves- Theory of Foreign Exchange Rate
SUGGESTED READINGS	<ol style="list-style-type: none"> 1. Salvatore D. "Theory and Problems of International Economics", McGraw-Hill, New York, 1983. 2. Soderasten B.O. "International Economics", The Macmillan Press Ltd. London, 1991. 3. Dunn R.M. and J.H. Muttl. "International Economics", Routledge, London, 2000. 4. Joshi Rakesh, "AnterRashtriyaArthashastra" in Gujarati Uni. Rajkot., Gujarat, India, 2004. 5. Ellsworth P.T. & J.C. Leith, "The interanational Economy", Mac-Millan, New York, 1975. 6. Walter I & K Areskoug, "International Economics" Mac-Millan, New York, 1975. 7. Ohlin B. "Inter-regional and International Trade", Harvard Uni. Press, Cambridge, 1933. 8. Pearce J.F. "International Trade", Macmillan, London, 1970. 9. Bhagwati. Jagdish "International Trade : Selected Readings", MIT Press, Cambridge, 1981.



M. A. In ECONOMICS (THIRD SEMESTER.)	
COURSE CODE: ECO 302	COURSE TYPE : CCC
COURSE TITLE: Contemporary Issues in Indian Economy-1	
CREDIT: 06	HOURS: 90
THEORY: 06	THEORY: 90
MARKS: 100	CCA : 20
THEORY: 80	
OBJECTIVE: The objective of this paper at the post-graduate level would be to sharpen the analytical ability of the student by highlighting, and integrated approach to the functioning aspects of the Indian economy. Keeping in view the scope for alternative approaches, such an analysis is essential because the Indian economy is a unique amalgam of alternative competing and often conflicting theories and a proper understanding of its working is imperative if the student is to comprehend the ramification that underline most of the observed phenomena in the Indian economic set-up. The emphasis of the paper is an overall social, political and economic environment influencing policy decisions. To develop all the themes, the course is divided into specific modules. Paper of planning and development and paper of policies for sectoral development fulfill above objectives	
UNIT-1 15Hrs	Economic Development:-Concept and approaches to economic development and its measurements (determinants) - sustainable development. Role of state and market in economic development.
UNIT-2 15Hrs	Other institutions. Indicators of development PGI, HDI, gender development indices and other indicators.
UNIT-3 20Hrs	Planning in India:-Importance and objectives of planning, planning strategy, its failure and achievements, current five year plan, developing grass-root organization for development. NGOs, Panchayati Raj and pressure groups.
UNIT-4 20Hrs	Resource Base Infrastructure:-Social and Economic infrastructure - education and health, environment, regional imbalance, issues and policies in financing infrastructure development. Growth & infrastructure in India.
UNIT-5 20Hrs	Public Finance:-Fiscal federalism, Role of State and centre its financial relations, Finances of central government, finances of state governments, parallel economy, problems relating to fiscal policy, fiscal sector reforms in India. Neeti Aayog.

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UNIT-4
15 Hrs

Ahliwalia, J.J. and I.M.D. Little (Eds.) (1999) India's Economic Reforms and Development (Essays in honour of Manmohan Singh) Oxford University Press, New Delhi.
 Bardhan R.K. (9th Edition) The Political Economy of Development in India, Oxford University Press, New Delhi.
 Buwa, R.S. and R.S. (Ed) (1997) Structural Changes in Indian Economy, Guru Nanak Dev. University press, Amritsar.
 Brahamanda P.R. and V.R. Panchmikki (Ed.) (2001) Development experience in the Indian Economy Inter-state Perspective Bozuwell Delhi.
 Chakravarty, S. (1987) Development Planning. The Indian Experience, Oxford University Press, New Delhi.
 Datwala M.L. (1996) Dilemmas of Growth the Indian Experience, Sage Publications, New Delhi.
 Datt R. Ed. (2001) Second Generation Economic Reforms in India, Deep and Deep. Government of India, Economic Survey, (Annual) Ministry of Finance, New Delhi
 Jain A.K. (1986) Economic planning in India; Ashish Publishing House, New Delhi.
 Naik, Jyoti D. 'Udyog Ni Sthal Pasandgi' Vasuki Priting, Rajkot.



M. A. in ECONOMICS
(FOURTH SEMESTER)

COURSE CODE: ECO 403 COURSE TYPE : CCC

COURSE TITLE: Environmental Economics: Issues and Policies

CREDIT: 06

HOURS: 90

THEORY: 06

THEORY: 90

MARKS: 100

THEORY: 80 CCA : 20

OBJECTIVE: The main objective of this course is to appraise and sensitive student about major environment issues of India and develop skill to analyze them with the help of appropriate theoretical frames.

UNIT-1
20 Hrs

Environment Issues of Primary Sector: Changing land-use and cropping pattern and environmental issues; the problem of grazing-land, pasture and live stock. management; The problem of conservation of forests and bio-diversity; supply and quality of ground-water and its management; the conservation and management of marine fish.

UNIT-2
20 Hrs

Industrial Development and Environmental Issues: Change in growth and structure of industries in India; growth of pollutant industries, problem of air and water pollution, management of solid and liquid wasters.

UNIT-3
20 Hrs

International Environment Issues: The problem of trans boundary pollution : global warming and acid rain: globalization, international trade and environmental issues.

UNIT-4
15 Hrs

Environmental Policy in India: Growth of environmental policy in India; Important environmental laws, international environment agreements and India's approach: mechanism of implementation of environment laws in India.

UNIT-5
15 Hrs

Swachh Bharat Abhiyan in Sarguja and Environment policy of C.G.

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M.Sc (BOTANY)		IIND SEMESTER	
COURSE CODE: MBTB 02		COURSE TYPE: ECC/CB	
COURSE TITLE: SYSTEMATICS, EVOLUTION AND ENVIRONMENTAL SCIENCE			
CREDIT:6		HOURS:90	
THEORY: 6	PRACTICAL:0	THEORY:90	PRACTICAL: 00
MARKS			
THEORY: 100 (20+80)		PRACTICAL:00	

OBJECTIVE : This course is aimed towards generating fundamental knowledge, concepts and dimensions of Botany/Plant Science.

UNIT-1
18 Hours

Systematics and Evolutionary Biology : History of developments in taxonomy; Linnaean to post-Linnaean era; Systematics - concepts and components; Botanical Nomenclature; Evolutionary ecology- concepts and principles; Microevolution - theory and concepts; Species and speciation; Phylogenetic systematics;

UNIT-2
18Hours

Macroevolution - inferring phylogenies; Diversity and classification of flowering plants; Taxonomic evidence - structural and biochemical; Molecular systematics;

UNIT-3
18 Hours

Diversity and classification of flowering plants; Biological diversity-concepts and applications; Diversity- patterns, indices and applications.

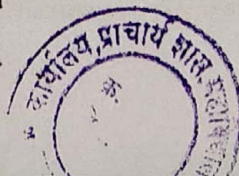
UNIT-4
18Hours

Environmental Science: Introduction to Environmental Science and Sustainability, Environmental laws, Ecosystems and living organisms,

UNIT-5
18Hours

Major ecosystems of the world and India, Human health and environmental change, Population issues, the search for fuels, natural resources and their management, applications of GIS and RS technology in environmental studies, the future of planet earth.

M.Sc.(BOTANY)/ SYLLABUS(CBCS)/SEMESTER - IInd



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M.Sc (BOTANY)		III RD SEMESTER	
COURSE CODE: MBT302		COURSE TYPE:CCC	
COURSE TITLE: PRINCIPLES OF ECOLOGY			
CREDIT:7		HOURS:135	
THEORY: 5	PRACTICAL:2	THEORY:90	PRACTICAL: 45
MARKS			
THEORY: 100 (20+80)		PRACTICAL:33	
OBJECTIVE : This course is aimed towards generating fundamental knowledge, concepts and dimensions of Botany/ Plant Science			
UNIT-1 18 Hours	Introduction to ecology, evolutionary ecology, environmental concepts, Population ecology – characters of polulation, population growth, population dynamics life forms, age structure, fertility, growth curves, eades and ecotypes.		
UNIT-2 18Hours	Nature of ecosystem, structure, component, productivity, food chain, food web, energy flow through ecosystem. Biogeochemical cycles – Carbon cycle, nitrogen cycle, phosphorus cycle, Sulpher. Ecosystem management, Community Ecology		
UNIT-3 18 Hours	Environmental Stresses and their management, Global climatic pattern and variations over time, Global climatic changes, Global warming, acid rain and Nitrogen deposition. Ecological succession – Types, mechanism, changes involved in succession, concept of climax.		
UNIT-4 18Hours	Biodiversity & Conservation, concept and levels, distribution and global patterns biodiversity act of India and related international conventions. Phytogeography, behavioral ecology, molecular ecology.		
UNIT-5 18Hours	Environmental pollution air, water, soil pollution, use of fertilizer, pestisides and other chemicals in agriculture. Industrial pollution and impact of chemical on Biodiversity of microbes animals and plants. Seed and seedling ecology.		



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M.Sc (BOTANY)		II ND SEMESTER	
COURSE CODE: MBTB 01		COURSE TYPE: ECC	
COURSE TITLE: FOREST AND ENVIRONMENTAL LAWS			
CREDIT: 06		HOURS: 90	
THEORY: 06		THEORY: 90	
MARKS: 100			
THEORY: 80	CCA: 20		

OBJECTIVE :

- Understands the concept and place of research in concerned subject
- Gets acquainted with various resources for research
- Becomes familiar with various tools of research
- Gets conversant with sampling techniques, methods of research and techniques of analysis of data
- Achieves skills in various research writings
- Gets acquainted with computer Fundamentals and Office Software Package .

UNIT – 1
18 Hrs

EVOLUTION OF FOREST AND WILD LIFE LAWS

- Importance of Forest and Wildlife
- Evolution of Forest and Wild Life Laws
- Forest Policy during British Regime
- Forest Policies after Independence.
- Methods of Forest and Wildlife Conservation.

UNIT – 2
18 Hrs

FOREST PROTECTION AND LAW

- Indian Forest Act, 1927
- Forest Conservation Act, 1980 & Rules therein
- Rights of Forest Dwellers and Tribal
- The Forest Rights Act, 2006
- National Forest Policy 1988

UNIT - 3
18 Hrs

WILDLIFE PROTECTION AND LAW

- Wild Life Protection Act, 1972
- Wild Life Conservation strategy and Projects.
- The National Zoo Policy

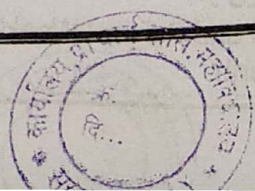
UNIT - 4
18 Hrs

CHAPTER – BASIC CONCEPTS

- Meaning and definition of environment.
- Multidisciplinary nature of environment
- Concept of ecology and ecosystem
- Importance of environment
- Meaning and types of environmental pollution.
- Factors responsible for environmental degradation.

CHAPTER- INTRODUCTION TO LEGAL SYSTEM

- Acts, Rules, Policies, Notification, circulars etc
- Constitutional provisions on Environment Protection
- Judicial review, precedents
- Writ petitions, PIL and Judicial Activism



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CHAPTER – LEGISLATIVE FRAMEWORK FOR POLLUTION CONTROL LAWS

- a) Air Pollution and Law.
- b) Water Pollution and Law.
- c) Noise Pollution and Law.

CHAPTER- LEGISLATIVE FRAMEWORK FOR ENVIRONMENT PROTECTION

- a) Environment Protection Act & rules there under
- b) Hazardous Waste and Law
- c) Principles of Strict and absolute Liability.
- d) Public Liability Insurance Act
- e) Environment Impact Assessment Regulations in India

CHAPTER – ENVIRONMENTAL CONSTITUTIONALISM

- a. Fundamental Rights and Environment
 - i) Right to EqualityArticle 14
 - ii) Right to InformationArticle 19
 - iii) Right to LifeArticle 21
 - iv) Freedom of Trade vis-à-vis Environment Protection
- b. The Forty-Second Amendment Act
- c. Directive Principles of State Policy & Fundamental Duties
- d. Judicial Activism and PIL

Bharucha, Erach. Text Book of Environmental Studies. Hyderabad: University Press (India) Private limited, 2005.

Doabia, T. S. Environmental and Pollution Laws in India. New Delhi: Wadhwa and Company, 2005.

Joseph, Benny. Environmental Studies, New Delhi: Tata McGraw-Hill Publishing Company Limited, 2006.

Khan. I. A, Text Book of Environmental Laws. Allahabad: Central Law Agency, 2002.

Leelakrishnan, P. Environmental Law Case Book. 2nd Edition. New Delhi: LexisNexis Butterworths, 2006.

Shastri, S. C (ed). Human Rights, Development and Environmental Law, An Anthology.

Jaipur: Bharat law Publications, 2006.

Environmental Pollution by Asthana and Asthana, S, Chand Publication

Environmental Science by Dr. S.R.Myneni, Asia law House

Gurdip Singh, Environmental Law in India (2005) Macmillan.

Shyam Diwan and Armin Rosencranz, Environmental Law and Policy in India – Cases, Materials and Statutes (2nd ed., 2001) Oxford University Press.

JOURNALS :-

Journal of Indian Law Institute, ILI New Delhi.

Journal of Environmental Law, NLSIU, Bangalore.

MAGAZINES :-

Economical and Political Weekly

Down to Earth.

UNIT - 5
18 Hrs

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