



CHRIST

COLLEGE (AUTONOMOUS)
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CRITERION	I	Curricular Aspects
KEY INDICATOR	1.3	Curriculum Enrichment
METRIC	1.3.1	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, Human Values into the Curriculum

Course	Semester	Cross cutting issue
<u>Environmental Studies</u>	UG Sem 1	E&S
<u>Disaster Management</u>	UG Sem 2	E&S
<u>Human Rights</u>	UG Sem 3	HV
<u>An Introduction to Gender and Gender Equality</u>	UG Sem 4	G



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Environmental Studies

AUD1E01 ENVIRONMENTAL STUDIES

Module I

Introduction – Environment in the Indian context: Concept of an ecosystem, Multidisciplinary nature of environmental studies. Components of environment- Atmosphere, hydrosphere, lithosphere and biosphere. Definition, scope and importance. Concept of sustainability and sustainable development.

Module II

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

a) Forest resources: Use and overexploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.

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



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

d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-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.
- Carbon footprint Water conservation, rain water harvesting, watershed management.

Module III

Structure and function of an ecosystem.

- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.



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- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem: -
 - a. Forest ecosystem
 - b. Grassland ecosystem
 - c. Desert ecosystem
 - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

Module IV

Biodiversity and its conservation

- Introduction – Definition: genetic, species and ecosystem diversity.
- Biogeographical classification of India
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, National and local levels.
- Hot-spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, manwildlife conflicts.



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- Endangered and endemic species of India
- Conservation of biodiversity:

Module V

Environmental Pollution Definition

- Cause, 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.



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Module VI

Environmental Policies and practices: Climate change, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents.

Disaster management

AUD02-DISASTER MANAGEMENT

Module I

Introduction – Hazard and Disaster. Concepts of Hazard, Vulnerability, Risks. Different Types of Disaster:

A) Natural Disaster: such as Flood, Cyclone, Earthquakes, Landslides etc

B) Manmade Disaster: such as Fire, Industrial Pollution, Nuclear Disaster, Biological Disasters, Accidents (Air, Sea, Rail & Road), Structural failures (Building and Bridge), War & Terrorism etc. Slow Disasters (famine, draught, epidemics) and Rapid Onset Disasters (Air Crash, tidal waves, Tsunami) Causes, effects and practical examples for all disasters.

- Water and Climate Disaster: flood, hail storms, cloudburst, cyclones, heat and snow avalanches, cold waves, droughts, sea erosion, thunder and lightning.



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- Geological Disaster: landslides, earthquakes, Tsunami, mine fires, dam failures and general fires.
- Biological Disaster: epidemics, pest attacks, cattle epidemic and food poisoning.
- Nuclear and Industrial Disaster: chemical and industrial disasters, nuclear accidents.
- Accidental Disaster: urban and forest fires, oil spill, mine flooding incidents, collapse of huge building structures

Module II

Natural disasters- Earthquakes, Tsunami, Floods, Drought, Landslides, Cyclones and Volcanic eruptions. Their case studies. Coastal disasters. Coastal regulation Zone. Risk and Vulnerability Analysis

1. Risk: Its concept and analysis

2. Risk Reduction

3. Vulnerability: Its concept and analysis

4. Strategic Development for Vulnerability Reduction. Disaster Prevention and Mitigation.

Refugee operations during disasters, Human Resettlement and Rehabilitation issues during and after disasters, Inter-sectoral coordination during disasters, Models in Disasters.



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Module III

Disaster Preparedness and Response Concept and Nature Disaster Preparedness Plan Prediction, Early Warnings and Safety Measures of Disaster. Role of Information, Education, Communication, and Training, Disaster Management: Role of Government, International and NGO Bodies. Role of IT in Disaster Preparedness Role of Engineers on Disaster Management. Response Disaster Response: Introduction Disaster Response Plan Communication, Participation, and Activation of Emergency Preparedness Plan Search, Rescue, Evacuation and Logistic Management Role of Government, International and NGO Bodies Psychological Response and Management (Trauma, Stress, Rumor and Panic) Relief and Recovery Medical Health Response to Different Disasters.

Module IV

Rehabilitation, Reconstruction and Recovery Reconstruction and Rehabilitation as a Means of Development. Damage Assessment Post Disaster effects and Remedial Measures. Creation of Long-term Job Opportunities and Livelihood Options, Disaster Resistant House Construction Sanitation and Hygiene Education and Awareness, Dealing with Victims’ Psychology, Longterm Counter Disaster Planning Role of Educational Institute.

Module V



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The vulnerability atlas of India. Disaster Prevention and Mitigation. Agencies involved in Disaster Management. Warning and Prediction

Human Rights

HUMAN RIGHTS

Module I

– History and Concept of Human Rights.

Indian and International perspectives of Human Rights- Concept, definitions and nature of human rights. Values: Dignity, Liberty, Equality, Justice and Unity in Diversity.

Module II

– Broad classification of Human Rights and Relevant Constitutional Provisions

Right to Life, Liberty and Dignity, Right to Equality, Right against Exploitation, Cultural Educational Rights, Economic Rights, Political Right, Social Rights.

Module III



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- United Nations and Human rights.

United Nations Declaration of Human Rights (UDHR) and its significance. Universal Declaration of Human Rights 1948. Universal Declaration of Human Rights Responsibilities 1997. International Convention on Economic, Social and Cultural Rights 1966. International Convention on Civil and Political Right 1966.

UN and its Principal Organs: General Assembly, Economic and Social Council, and Security Council. Subsidiary Organ: Human Rights Council, Specialized Agencies: UNICEF, UNESCO, ILO, WHO- Non governmental agencies working for human rights.

Module IV

– Human rights in India.

Historical background of human rights in India - Indian constitution and human rights. Institutions for Implementation – National Human Rights Commission (NHRC) and State Human Rights Commissions (SHRCs) – Evolution, Composition and their Roles. Important human rights movement in India mainly People’s Union for Civil liberties, Chipko movement, Narmatha Bachao Antholan etc.



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DEPARTMENT OF SOCIAL WORK

FOUNDATION COURSE-5:

FOU05- An Introduction to Gender and Gender Equality

AN INTRODUCTION TO GENDER AND GENDER EQUALITY

Module 1

Conceptualizing Gender: Sex and Gender, Types of Gender. Concepts in relation with Gender- Gender needs, Gender Roles, Gender Stereotyping, Gender Discrimination, Gender Identity.

Module 2

Gender in India: Gender Status and gender disparity in Education, Labour force participation and economy, Political participation, Health. Gender and Media- Role of Media in constructing ideologies, Gender sensitivity, Gender equality, Gender and development



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Module 3

Gender Issues and Gender based Violence: Human Rights violations, Major gender-based violence: Sexual abuse, Domestic Violence, Female infanticide, dowry death, workplace harassment.

Module 4

International and National response to gender discrimination: International Convention on Elimination of all forms of Discrimination against Women (CEDAW), National Human Rights Commission, National and State Women's Commission

Module 5

State Initiatives to promote Gender Equality. Law Enforcing Agencies: All Women's Police Stations, Vigilance Cell, Legal Aid- Cells, Women's cell, Family Courts, Childline, Jagrata Samithi, Equal opportunity cell, Service Providers and Helplines for Women and Children.

Module 6

Case Study, Video clip presentation, Gender sensitivity training

References

- Mukherjee, Mukul (1992), Human Rights and gender issues, New Delhi: Institute of Social Sciences



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- Bhasin Kamala (2000): Understanding gender, kali for women, N. Delhi.
- Gupta K R (2009), Gender: Problems and policies, New Delhi: Atlantic Publishers
- Manoranjan pal (2009), Gender and Discrimination: Health, Nutritional status and role of women in India,London : Oxford University Press

****** E- certificate will be provided to all students on completion of the course with 50% marks in the final examination and timely submission of assignments.