

CROSS CUTTING ISSUES

- 1. Environmental Sustainability**
- 2. Human values**
- 3. Gender Equality**
- 4. Professional Ethics**

Environmental Sustainability

S.No.	Class	Subject	Paper	Paper Title	Topic
1	UG 1st Year	Botany	Major 1	Applied Botany	Organic Farming Forestry Silviculture Ancient Agriculture Practices Modern Agricultural Practices Pollution and Pollutants Phytoremediation
2	UG 1st Year	Botany	Major 2	Basic Botany	Economic Importance of Algae Beneficial Role of Microbes
3	B.Sc. 2nd Year	Botany	Paper 2	Plant Ecology, Biodiversity and Phytogeography	Ecosystem Ecological Adaptation Biodiversity and Population Ecology Environmental Protection Biosphere Reserve Climate Change
4	B.Sc. 3 rd Year	Botany	Paper 1	Plant Physiology and Metabolism	Photosynthesis, Bioenergetics
5	B.Sc. 3 rd Year	Chemistry	Major 1	Green and Agriculture Chemistry	Green Chemistry Tools of Green Solvent Green Synthesis
6	B.Sc. 3 rd Year	Chemistry	Major 2	Pharmaceutical and Medicinal Chemistry	Pharmaceutical Chemistry Clinical Trial of Drug Natural Sources of Drug
7	B.Sc. 3 rd Year	Zoology	Major 1	Ecology and Applied Zoology	Ecology, Environment Pollution, Population
8	B.A. 1st Year	Economics	Major 2	Indian Economy	Natural Resources Green Revolution
9	B.A. 3 rd Year	Economics	Major 1	Economics of Growth and Development	Interlinkage between Environment and Development
10	M.Sc. 1 st Sem.	Botany	Paper 1	Biology and Diversity of Viruses, Bacteria and Fungi	Economic Importance of Virus Economic Importance of Bacteria
11	M.Sc. 2 nd Sem.	Botany	Paper 3	Plant Ecology	Ecosystem Pollution (Air and Water)
12	M.Sc. 3 rd Sem.	Chemistry	Paper 3	Environmental Chemistry	Biogeochemical cycle Air Pollution Acid Rain Greenhouse Soil Pollution Water Pollution Aquatic Chemistry
13	B.A. 1 st	Geography	Major 2	Natural	Environment

	Year			Resources	Ecology Sustainable Environment Management
14	B.Sc. 1 st Year	Physics	Elective	Non Conventional Energy Sources	Environmental Aspect of Energy Solar Energy Biomass Energy Wind Energy

Human values

S.No.	Class	Subject	Paper	Paper Title	Topic
1	B.A. 1 st Year	Sociology	Major 1	Indian Society and Culture	Indian family Value Pattern and issue of Children Youth Elderly
2	B.A. 2 nd Year	Sociology	Major 2	Social Change and Development	Contribution of Community and Social Development Program in India
3	B.A. 1 st Year	Political Science	Major 1	Political Theory	Political Concept, Justice, Right The Idea of Democracy
4	B.A. 2 nd Year	Political Science	Major 1	Western Political Thoughts	Natural Law and Rights
5	B.A. 2 nd Year	Political Science	Minor / Elective	Indian Political Thinker	The Idea of Non Violence and Satyagraha Nationalism
6	B.A. 1 st Year	Geography	Major 1	Introduction to Human Geography	Indian Ethics Values Minority Rights
7	B.Com. 2 nd Year	Commerce	Major 2 / Minor /Elective	Indian Company Act	Majority Powers and Minority Rights
8	B.Sc. 1 st Year	Botany	Major 1	Applied Botany	Role of Botany in Rural Development Ethno food crops
9	B.Sc. 3 rd Year	Botany	Major 2	Ethno Botany	Ethno Botany, Folklore and Folktales

Gender Equality

S.No.	Class	Subject	Paper	Paper Title	Topic
1	B.A. 2 nd Year	SOCIOLOGY	Major 2	Social Change and Development	Westernization, Urbanization, Modernization and Globalization
2	B.A. 3 rd Year	Economics	Major 1	Gender Economics	Gender Economics Methodology of Gender Analysis Female Population
3	B.A. 1 st Year	Geography	Major 2 / Minor / Elective	Physical and Cultural Aspects	Population Growth
4	B.A. 1 st Year	English Literature	Major 2	Study of Poetry	Wife of Bath
4	B.A. 3 rd Year	English Literature	Major 1	Literary Criticism and Theories	Feminist Literary Criticism
5	U.G. 3 rd Year	Foundation Course	F.C. 2	Women Empowerment	Women Empowerment Issues and Challenges Financial Awareness

Professional Ethics

S.No.	Class	Subject	Paper	Paper Title	Topic
1	U.G. 3 rd Year	Foundation Course	F.C. 1	English Language and Foundation	Patriotism beyond Politics and Religion
2	B.A. 2 nd Year	Political Science	Major 1	Western Political Thoughts Thoughts	Greek Political Thoughts Modern Political Thoughts National Income
3	B.A. 2 nd Year	Economics	Major 1	Macro Economics	Definition and Different Concepts of National Income
4	B.A. 2 nd Year	Economics	Major 2	Economics of Growth and Development	Economic Development Economic Growth