

1.3.1- Institution integrates crosscutting issues relevant to Professional Ethic and Sustainability into the Curriculum

Subject	Course	CROSS-CUTTING ISSUES	Topic
Political Science	Political theory: an introduction	Human Values	<ul style="list-style-type: none"> <li>• Liberty</li> <li>• Equality</li> <li>• Justice</li> <li>• Democracy</li> <li>• Rights</li> <li>• Citizenship &amp; Minority Rights</li> <li>• Fundamental Rights and Directive principles</li> <li>• Indian Constitution &amp; Institutional</li> <li>• Functioning</li> </ul>
	Indian Government and politics		
Environmental Studies	Environmental Studies	Environment and Sustainability	<ul style="list-style-type: none"> <li>• Understanding Environment</li> <li>• Natural Resources</li> <li>• Bio Diversity and it's conservation</li> <li>• Environmental Issues, Policies and Practices</li> </ul>
Geography	Philosophies & Methodologies in Geography	Environment and Sustainability	<ul style="list-style-type: none"> <li>• Geography as the study of Environment</li> <li>• Definition, Scope and significance of Ecology</li> <li>• Concept and broad types of Ecosystem</li> <li>• Biodiversity: Concept, Importance and Conservation</li> <li>• Ecological imbalances causes and consequences</li> </ul>
English	General English/ English communication skills	Professional ethics and Gender Values	<ul style="list-style-type: none"> <li>• Basic Language skills: Grammar and Usage</li> <li>• Composition on Paragraph writing</li> <li>• Letter writing (The formal and one Informal)</li> <li>• Report-Writing</li> <li>• Essay writing</li> <li>• Literature and Gender</li> <li>• Women as the Subordinate</li> </ul>

			<ul style="list-style-type: none"> <li>• Predicament of Modern Woman</li> <li>• Issue of Gender, race and equality</li> <li>• Concept of feminism</li> </ul>
Zoology	Ecology and Environment	Environment and Sustainability	<ul style="list-style-type: none"> <li>• Understanding Environment</li> <li>• Natural Resources</li> <li>• Bio Diversity and it's conservation</li> <li>• Environmental Issues, Policies and Practices</li> <li>• Definition, Scope and significance of Ecology</li> <li>• Concept and broad types of Ecosystem</li> <li>• Biodiversity: Concept, Importance and Conservation</li> <li>• Ecological imbalances causes and consequences</li> </ul>
Botany	Ecology and Environment	Environment and Sustainability	<ul style="list-style-type: none"> <li>• Understanding Environment</li> <li>• Natural Resources</li> <li>• Bio Diversity and it's conservation</li> <li>• Environmental Issues, Policies and Practices</li> <li>• Definition, Scope and significance of Ecology</li> <li>• Concept and broad types of Ecosystem</li> <li>• Biodiversity: Concept, Importance and Conservation</li> <li>• Ecological imbalances causes and consequences</li> </ul>

#### Co-curricular and Extracurricular Activities

**1. Environment and Sustainability** NSS promotes environmental protection through tree plantation and other sustainable development programs. Every year NSS units undertake a host of activities in the nearby vicinity and in the adopted villages. NSS organizes various environment related programs including tree plantation, village cleanliness, plastic free drive, poster competition, etc. Various activities like quiz and poster competitions, invited talks are organized to create awareness about nature, biodiversity, environment and sustainability. The college has taken active participation in Swachh Bharat Summer Internship (SBSI) Abhiyan and SwachhtaPakhwadaProgrammes started by the government.

**Human Values and Professional Ethics** Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Co-curricular and Extracurricular Activities also. The college takes efforts for integration of ethical and human values through extra-curricular activities also. Programs conducted under NSS, NCC, YRC, SVEEP and also various departments help to inculcate human values among students. Celebration of various prominent days serve as a platform to enliven patriotic and moral values. Different social activities that have been initiated by the college like Voter's Awareness Program, Road Safety Campaign, Blood Donation camps, etc are organized from time to time.

**Gender** Major gender issues are focused and addressed through different activities in the college by various departments, gender sensitization committee, cultural committee, legal literacy cell, women and men cell of the college.

## Subject-wise

**English:** Use prose, poetry and drama to focus on feminist themes, women empowerment, moral/ethical values and human rights. Texts written by women are consciously incorporated into the syllabus.

**Hindi:** Focuses on moral responsibilities through excerpts from the epics.

**Economics:** Gender Development Index, Gender Inequality Index, Gender Empowerment Measure, and Environmental Economics are a part of the curriculum.

**Communicative English:** Addresses critical thinking in issues related to gender identity, nation state and media; environmental and socially relevant themes in films and advertising.

**Public Administration:** deals with reservation policies for employment of women in Central and State government.

**History:** curriculum focuses on value systems of the past, Indian spirituality, patriotism, the role and importance of women through the ages. Heritage preservation, sustainable tourism and eco-friendly practices.

**Physics,** issues related to radiation hazards, biological effects of radiation on the environment and the control of radiation.

**Electronics** curriculum deals with OPTO Electronic devices and solar-cells for renewable sources of energy and its various benefits.

**Botany** curriculum deals with themes like pollution, ecosystem conservation, bio-ethics involving genetic engineering, production of transgenic plants, biofertilizers and bio-pesticides for environmental sustainability.

**Environmental Science** deals with problems of biodiversity, mitigation measures, control of human population, solid waste management and bioremediation techniques for pollution management.

**Zoology,** ethical issues related to organ transplantation, paternity are addressed.

**Commerce** department addresses issues related to business management and environment, business ethics, corporate administration and corporate governance.

