



# RAO PAHLAD SINGH DEGREE COLLEGE

(Approved by DGHE / Govt. of Haryana & Affiliated to Indira Gandhi University, Meerut)

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Being an affiliated college and limitations to develop its own curriculum, college do its best to integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. Followings are the different topics which are the part of curriculum and are relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability.

Subject	Course	Crosscutting Issues	Topics/Papers	Description
Geography	B.A. & M.Sc. Geography	Environment and Sustainability	<ol style="list-style-type: none"><li>1. Environmental Geography(GEOG302)</li><li>2. Geography and Disaster Management (GEOG402)</li><li>3. Climatology</li><li>4. Human Geography</li><li>5. Oceanography</li><li>6. Hydrology</li><li>7. Environmental Issues in India</li><li>8. Advanced Geography of India</li></ol>	All the papers explain the current issues related to environment. The curriculum is designed by the university and it is implemented properly at college level.
Chemistry	B.Sc., B.Sc. Honors and M.Sc.	Environment and Sustainability	<ol style="list-style-type: none"><li>1. Environmental Chemistry</li><li>2. Green Chemistry</li><li>3. Organic Synthesis</li><li>4. Chemistry of Natural Products</li><li>5. Heterocyclic chemistry</li></ol>	These are the core papers of the courses related to the chemistry department and explain the crosscutting issues related to the environment and sustainability.
Political Science	B.A.	Human Values and Gender	<ol style="list-style-type: none"><li>1. Fundamental Rights</li><li>2. Directive Principle of State Policy</li><li>3. Fundamental Duties</li><li>4. Preamble of Indian Constitution</li><li>5. Indian Political Thought</li><li>6. Separation of Power</li></ol>	The curriculum is designed to cater the human values among the students. All the topics provide detailed explanation regarding the



				constitution, state policies, human values, political thoughts and other such issues.
Commerce	B.Com	Professional Ethics	Business communication skills	This is a part of the curriculum that describes the crosscutting issues professional ethics.
English	M.Sc.	Professional Ethics	Communication Skills and Personality Development	The overall personality of a student is related to the communication and it is the basic part of professional ethics. This is taught in the M.Sc. courses as foundation subject.
Botany & Zoology	B.Sc. Medical and Honors Chemistry	Environment and Sustainability	<ol style="list-style-type: none"> <li>1. Pollution Control</li> <li>2. Ozone Depletion</li> <li>3. Environmental Biodiversity</li> <li>4. Global Warming</li> <li>5. Environment Cleaning Processes</li> <li>6. Soil Treatment and Water Conservation</li> <li>7. Forest Conservation</li> <li>8. Wasteland Conservation</li> <li>9. Effluent and Industrial Waste Treatment</li> <li>10. Water Cleaning Process</li> </ol>	

