

List of courses/ papers taught relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the curriculum			Issue Addressed			
			Gender	Professional Ethics	Human Values	Environment and Sustainability
Name of the Program	Name of the paper	Relevant portion of the syllabus				
B.Sc. Hons in Chemistry	DSE T2 – Green Chemistry (4 Credits) Introduction to Green Chemistry	Twelve principles of Green Chemistry with their explanations and examples and special emphasis on the following:				✓
		1. Designing a Green Synthesis using these principles; Prevention of Waste/ byproducts; maximum incorporation of the materials used in the process into the final products , Atom Economy, calculation of atom economy of the rearrangement, addition, substitution and elimination reactions.				✓
		2. Prevention/ minimization of hazardous/ toxic products reducing toxicity. risk = (function) hazard × exposure; waste or pollution prevention hierarchy.				✓
		3. Green solvents– supercritical fluids, water as a solvent for organic reactions, ionic liquids, fluorous biphasic solvent, PEG, solventless processes, immobilized solvents and how to compare greenness of solvents.				✓
		4. Energy requirements for reactions – alternative sources of energy: use of microwaves and ultrasonic energy.				
		5. Selection of starting materials; avoidance of unnecessary derivatization – careful use of blocking/protecting groups.				✓
		6. Use of catalytic reagents (wherever possible) in preference to stoichiometric reagents; catalysis and green chemistry, comparison of heterogeneous and homogeneous catalysis, biocatalysis, asymmetric catalysis and photocatalysis.				✓
		7. Prevention of chemical accidents designing greener processes, inherent safer design, principle of ISD “What you don’t have cannot harm you”, greener alternative to BhopalGas Tragedy (safer route to carcarbaryl) and Flixiborough accident (safer route to cyclohexanol) subdivision of ISD, minimization, simplification, substitution, moderation and limitation.				✓

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		8. Strengthening/ development of analytical techniques to prevent and minimize the generation of hazardous substances in chemical processes.				✓
Economics Honors	Issues in Development Economics	Gender Issues & Development	✓			
	Environmental Economics	The entire syllabus deals on Environmental issues				✓
	Research Methodology	Research Ethics		✓		
	Development Economics	Sustainable Development				✓
Three Year Under-Graduate Course in Electronic Science (Honours)_CBCS	Design and Fabrication of Printed Circuit Boards (SEC-2)	PCB Technology: Trends, Environmental concerns in PCB industry.				✓
ENGLISH UG SEMESTER- III Hons	Contemporary India: Women and Empowerment (UG-ENG- 304/GE-3)	Begum Rokeya Sakhawat Hossain: Sultana's Dream Radha Kumar – The History of Doing Sudha Murthy: Mahasweta Amruta Patil: Kari	✓			
ENGLISH UG SEMESTER- III Programme	Contemporary India: Women and Empowerment (APENG – 301/C-1C)	Amruta Patil: Kari	✓			
ENGLISH SEMESTER- V	Women's Writing (UG-ENG-502/C-12)	Emily Dickinson- 'I cannot live with you', 'Because I Could not Stop for Death' Sylvia Plath- 'Daddy', 'Lady Lazarus', Eunice De Souza 'Advice to Women'. Charlotte Perkins Gilman- 'The Yellow Wallpaper' Katherine Mansfield 'Bliss' Mahashweta Devi- 'Draupadi'	✓			
ENGLISH PG SEM III	Eng 304 C: Literary Theory II	Elaine Showalter: Towards a Feminist Poetics Judith Butler: Gender Trouble (Preface)	✓			
		Ecocriticism: Cheryl Glotfelty: Literary Studies in an Age of Environmental Crisis (The Ecocriticism Reader)				✓
History(Prog.)	GE-I (Inter-Disciplinary)	Women's Studies in India	✓			
	GE-II (Inter-Disciplinary)	Gender and Education in India	✓			
Nutrition CBCS –Honours (5th Sem)	Community Hygiene and Sanitation (C12T12)	1. Hygiene and Sanitation 2. Community water and waste management				
Nutrition CBCS –Honours (6th Sem)	Public Health Nutrition (DSE3T3)	1. Nutrition in Extreme climates				
		2. Food Security				
		3. Emergency Nutrition.(Disaster Management)				
Physical Education and Sports 4th (Prog.)	7(DSC-7) Health , Fitness and Wellness					

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Physiology Semester III GE	SH/PHY/304/GE-3 (Environmental Pollution and Human Health)	Environmental Pollution and Human Health					✓
Physiology Semester VI (Hons.)	SH/PHY/603/DSE-3 (Environmental Physiology)	Environmental Management					✓
B.SC Zoology Hons. [CBCS]	Perspectives In Ecology	Unit 2: Ecosystem Unit 5: Applied Ecology					
B.SC Zoology Hons. [NEP]	Environment and Public Health Management	Full Paper					
BENGALI PG SEM-III	বিশ শতকের আধুনিক বাংলা কবিতা		✓				
BENGALI PG SEM-IV	বিশেষ পত্র : মধ্যযুগ		✓				
BENGALI UG SEM-II	আধুনিক যুগের বাংলা সাহিত্যের ইতিহাস		✓				
BENGALI UG SEM-IV	বাংলার লোক সংস্কৃতি ও লোকসাহিত্য		✓				
BENGALI UG SEM-VI	সাম্প্রতিক বাংলা সাহিত্য		✓				
(AH/SOC)	CORE-7	Sociology of Gender	✓				
	CORE-6	Political & Economic Sociology		✓			
	CORE-10	Ethical Issues in Research		✓			
	DSE-4	Environmental Sociology					✓
(AP/SOC)	GE-2	India as a Plural Society				✓	
	SEC-2	Gender Sensitization	✓				
Sanskrit	Manusmriti (मनुस्मृति) SMRITI IN SANSKRIT LITERATURE (CORE -6)	Manusmriti, (7 TH -RAJDHARMA) also known as the Laws of Manu, is one of the earliest and most significant texts on professional ethics in Sanskrit literature.				✓	
Sanskrit	VEDIC LITERATURE, CORE- 05	The Atharva Veda, one of the four Vedas, contains hymns and rituals that reflect the ancient Indian perspective on the environment and nature.					✓
A/PHI/103/MDC – 01	A Multidisciplinary Approach to Moral Issues	Theory of Punishment					
A/PHI/204/SEC - 02	Applied Ethics	Euthanasia, Abortion, Feminism					
AHPHI 404GE-4	Applied Ethics	Virtue Ethics: Aristotle					
Physics SEMESTER-III	SEC T2	Renewable Energy and Energy Harvesting					✓
Physics SEMESTER-IV	SEC T3	Radiation Safety					✓
Geography Sem- IV	SHGEO/403/C-10P	Analytical Techniques in Environmental Geography					✓
Geography SEM -I	Ability Enhancement Compulsory Course – I	English Communication / Environmental Science					✓
Geography SEM -II	Ability Enhancement Compulsory Course – I	English Communication / Environmental Science					✓

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Political Science SEMESTER- I (Multidisciplinary Course)	Indian Constitution and Politics	<input type="checkbox"/> Philosophy of the Constitution (Preamble) <input type="checkbox"/> Directive Principles of State Policy <input type="checkbox"/> Fundamental Duties		✓		
Political Science SEMESTER- III (Core Course)	Indian Political Tradition- I	<input type="checkbox"/> Kautilya: Diplomacy, Dandaneti, Saptanga (Statecraft)		✓		
Political Science SEMESTER- III (Core Course)	Western Political Thought-Ancient and Medieval	<input type="checkbox"/> of Ideal State		✓		
SEMESTER- IV (Core Course)	Western Political Thought-Modern	<input type="checkbox"/> Machiavelli: Separation of Politics from Religion and Ethics, Human Nature		✓		
Political Science SEMESTER- IV (Core Course)	Introduction to Comparative Government and Politics	<input type="checkbox"/> Sovereignty, Separation of Powers, Judicial Review,		✓		
SEMESTER- V (Core Course)	Public Administration	<input type="checkbox"/> Human Relations Approach: Elton Mayo		✓		
Political Science SEMESTER- V (Core Course)	Emergent Issues in Post-Cold War Global Politics	<input type="checkbox"/> Human Rights: Meaning, Evolution and Importance; Challenges to Human Rights		✓		
Political Science SEMESTER- I (Multidisciplinary Course)	Indian Constitution and Politics	<input type="checkbox"/> Philosophy of the Constitution (Preamble) <input type="checkbox"/> Fundamental Rights	✓			
Political Science SEMESTER- I (Major Course)	Understanding Political Theory	<input type="checkbox"/> Critical and Contemporary Perspectives in Political Theory: Feminist and Postmodern	✓			
Political Science SEMESTER- I (Minor Course)	Understanding Political Theory	<input type="checkbox"/> Critical and Contemporary Perspectives in Political Theory: Feminist and Postmodern	✓			
Political Science SEMESTER- II (Major Course)	Political Process in India	<input type="checkbox"/> Determinants of Voting Behaviour: Caste, Religion and Gender	✓			
Political Science SEMESTER- II (Minor Course)	Political Process in India	<input type="checkbox"/> Determinants of Voting Behaviour: Caste, Religion and Gender	✓			
Political Science SEMESTER- IV (Skill Enhancement Course)	Democratic Awareness with Legal Literacy	<input type="checkbox"/> System of courts/tribunals and their jurisdiction in India-criminal and civil courts, writ jurisdiction, specialized courts such as juvenile courts, Mahila Courts and tribunals.	✓			
Political Science SEMESTER- V (Discipline Specific Elective)	Human Rights in a Comparative Perspective	<input type="checkbox"/> Gender and Violence: India and Pakistan	✓			
Political Science SEMESTER- V (Discipline Specific Course)	Social Movements in Contemporary India-Major Issues	<input type="checkbox"/> New Social Movements in India: Dalit Movement; Women's Movement, Ecological & Environmental	✓			
Political Science SEMESTER- VI		<input type="checkbox"/> Patriarchy <input type="checkbox"/> Sex-Gender Debates <input type="checkbox"/> Feminism: History; Feminist Political Thought <input type="checkbox"/> Family: Gender Socialisation and Family; Gender Relations in Family. <input type="checkbox"/> Community: Forms of Community; Social Reform of the Women's Question.				


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Political Science SEMESTER- VI (Discipline Specific Course)	Women, Power and Politics	<input type="checkbox"/> Violence against women	✓			
		<input type="checkbox"/> Work and Labour				
		<input type="checkbox"/> Visible and Invisible work- Unpaid Work.				
		<input type="checkbox"/> Reproductive and care work.				
		<input type="checkbox"/> Sex work.				
		<input type="checkbox"/> State: Ideologies of the State (Paternalistic and Patriarchal); Women, Law and Citizenship.				
		<input type="checkbox"/> History of the Women's Movement in India				
Political Science SEMESTER- I (Multidisciplinary Course)	Indian Constitution and Politics	<input type="checkbox"/> Philosophy of the Constitution (Preamble)			✓	
		<input type="checkbox"/> Directive Principles of State Policy				
		<input type="checkbox"/> Fundamental Duties				
Political Science SEMESTER- II (Major Course)	Political Process in India	<input type="checkbox"/> National Integration: Concept			✓	
		<input type="checkbox"/> Debates on Secularism; Communalism				
		<input type="checkbox"/> Politics of Reservation.				
		<input type="checkbox"/> Rise of Dalits in Indian Politics				
Political Science SEMESTER- II (Minor Course)	Political Process in India	<input type="checkbox"/> Debates on Secularism; Communalism			✓	
		<input type="checkbox"/> Politics of Reservation.				
		<input type="checkbox"/> Rise of Dalits in Indian Politics				
Political Science SEMESTER- III (Core Course)	Indian Political Tradition- I	<input type="checkbox"/> Rammohan Roy: Elements of Liberalism and Social Justice			✓	
		<input type="checkbox"/> Rabindranath Tagore: Nation, Nationalism and Internationalism				
		<input type="checkbox"/> Vivekananda: Society and State				
		<input type="checkbox"/> Savarkar: Hindutva and Social Reforms				
		<input type="checkbox"/> Bankim Chandra: Nationalism				
Political Science SEMESTER- III (Core Course)	Western Political Thought-Ancient and Medieval	<input type="checkbox"/> Aristotle: State, Slavery, Citizenship			✓	
Political Science SEMESTER- III	Theories of International Relations	<input type="checkbox"/> Anarchy, Order, Interdependence & Globalization			✓	
Political Science SEMESTER- IV (Core Course)	Indian Political Tradition - II	<input type="checkbox"/> Gandhi: State, Trusteeship and Satyagraha			✓	
		<input type="checkbox"/> B. R. Ambedkar: Views on Caste and Untouchability				

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Political Science SEMESTER- V (Discipline Specific Elective)	Human Rights in a Comparative Perspective	<input type="checkbox"/> Understanding Human Rights: Three Generations of Rights <input type="checkbox"/> Institutionalization: Universal Declaration of Human Rights			✓	
SEMESTER- V (Discipline Specific Elective)	Understanding South Asia	<input type="checkbox"/> South Asian Association for Regional Cooperation (SAARC): Problems and Prospects.			✓	
SEMESTER- V (Discipline Specific Elective)	Social Movements in Contemporary India- Major Issues	<input type="checkbox"/> Traditional Social Movements in India: Peasant Movement, Trade Union Movement, Anticaste Movements. <input type="checkbox"/> New Social Movements in India: Dalit Movement; Women's Movement, Ecological & Environmental Movement.			✓	
Political Science SEMESTER- V (Discipline Specific Elective)	Citizenship in a Globalizing World	<input type="checkbox"/> Citizenship beyond the Nation-state: Globalization and Global Justice <input type="checkbox"/> The idea of cosmopolitan citizenship			✓	
Political Science SEMESTER- VI (Discipline Specific Elective)	Political Sociology	<input type="checkbox"/> Meaning of Socialization <input type="checkbox"/> Agencies of Socialization <input type="checkbox"/> Role of Socialization			✓	
Political Science SEMESTER- VI (Discipline Specific Elective)	Dilemmas in Politics	<input type="checkbox"/> The Politics of Exclusion. <input type="checkbox"/> Debates on Human Rights. <input type="checkbox"/> Ecology and Political Responsibility. <input type="checkbox"/> Global Justice and Cosmopolitanism. <input type="checkbox"/> Legitimacy of Humanitarian Intervention			✓	
Political Science SEMESTER- V (Core Course)	Emergent Issues in Post-Cold War Global Politics	<input type="checkbox"/> Environment: Climate Change and Global Warming				✓
Political Science SEMESTER- V (Discipline Specific Course)	Social Movements in Contemporary India- Major Issues	<input type="checkbox"/> New Social Movements in India: Dalit Movement; Women's Movement, Ecological & Environmental Movement.				✓
Political Science SEMESTER- VI (Discipline Specific Course)	India's Foreign Policy in a Globalizing World	<input type="checkbox"/> India's Negotiating Style and Strategies: Trade, Environment and Security Regimes				✓



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