

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Budge Budge College

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Four-year Honours & Honours with Research (H&HWR) & Three-year Multidisciplinary (MDC) Program

Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topics relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A. / B.Sc. / B.Com	CVAC	I	Environmental Studies	Introduction to environmental studies, Ecology and Ecosystems, Natural Resources, Biodiversity and Conservation, Environmental Pollution.
2.	B.A. / B.Sc. / B.Com	CVAC	I	Constitutional Values	Themes relevant on the constitutional values and duties in the Indian context; Fundamental Rights & Fundamental Duties
3.	B.A. / B.Sc. / B.Com	CVAC	II	Environmental Studies	Environmental Education, Human Communities and the Environment, Disaster Awareness, Role of environmental education in protecting environment.
4.	B.A. / B.Sc. / B.Com	CVAC	II	Indian Knowledge System	What is Indian Knowledge System? ; Introduction to Ancient Indian Literature and Scriptures (Vedas, Vedangas, Puranas etc.); Indian framework for establishing valid knowledge and its applicability in today's society; Concept of Kingship: Duties and responsibilities of a King; Indian Economy--taxation, savings, expenditure; Origin & Concept of Ancient Indian Art and Architecture; Introduction to Cave & Monolithic Architecture; Salient features of Ancient Indian Mathematics; Astronomical Instruments (Yantras)-- Application of Physics & Chemistry; Ayurvedic approach to health, food intake methods, Disease management, elements & wellness application of Botany and Medical Science.


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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Bengali	I	DSCC / CC / MN – 1 CC-1-1 Bangla Sahityer Itihas (1800 AD)	Anubad Sahitya, Chaitanya Charita Sahitya, Mangal Kavyer Udbhav o Bikash, Pranayopakhyan, Shakta Padavali
2.	B.A.	Bengali	I / II	SEC – 1 Mudran O Prakashana	Pandulipi Prastuti, Paschimbanga Bangla Academyr Banan Bidhi, Sangraha, Sampadana O Sankalan Samparke Dharana, Proof Sangshodhan
3.	B.A.	Bengali	II	DSCC / CC / MN – 2 Barnanamulak Bhasha Bigyan O Bangla Bhasha-1	Bangla Bhashar Dwani Paribartaner Riti o Prakriti, Upabhasha, Linga
4.	B.A.	Bengali	II	SEC – 2 Byabaharik Bangla 1	Dinapanji Rachana, Abritti Charcha, Grantha Samalochanar Riti O Paddhati, Bishay Bastu Rachana, Anubad
5.	B.A./ B.Sc. / B.Com	Bengali	I / II	IDC Kathasahitya O Natak	Upanyas, Choto Galpo O Natak


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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Botany	I	DSCC / CC / MN – 1 (Plant Diversity)	Environment & Human Values: BRYOPHYTES: Importance: Role of bryophytes in: Plant succession, Pollution Monitoring, Economic importance of bryophytes with special reference to Sphagnum. Human Values: PTERIDOPHYTES: Economic importance as food, medicine and Agriculture. GYMNOSPERMS: Economic Importance with reference to Wood, Resins, Essential oils and Drugs. Flower, induction of flowering, flower development- genetic and molecular aspects.
2.	B.Sc.	Botany	I / II	SEC – 1 (Mushroom Cultivation Technology)	Environment & Sustainability: Edible and poisonous Mushroom, Cultivation technology, Medicinal Mushroom, Mushroom based industry
3.	B.Sc.	Botany	II	DSCC / CC / MN – 2 (Plant Systematics)	Professional Ethics: Systematics in Practice: Herbaria and Botanical Gardens – their role in teaching and research; important Herbaria and Botanical Gardens of India and world.
4.	B.Sc.	Botany	II	SEC – 2 (Biofertilizer And Biopesticides)	Human Values, Environment and Sustainability: Organic farming, Associative effect of microorganisms, Mycorrhiza: Role in Agriculture & Forestry, Limitations of biopesticides


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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Chemistry	I	DSCC / CC / MN – 1	Thermodynamics, Chemical kinetics, Acid-Base titration, Redox titration.
2.	B.Sc.	Chemistry	I / II	SEC – 1	Food additives (colour, flavour, artificial sweetener), Dairy products, polymers, oil, soap, detergent, renewable energy sources, vitamins
3.	B.Sc.	Chemistry	II	DSCC / CC / MN – 2	Reactive intermediates, Reaction thermodynamics, Reaction kinetics, inorganic analytical chemistry (theoretical basics and practical)

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Economics	I	CC / MN – 1	Exploring the subject matter of Economics, Theory of Markets
2.	B.Sc.	Economics	I / II	SEC – 1	Basic issues of Entrepreneurship and Economic Development
3.	B.Sc.	Economics	II	CC / MN – 2	The role of Government
4.	B.Sc.	Economics	II	SEC – 2	Basic ideas of economic data, Computer Laboratory based Worksheet Program
5.	BA. / B.Sc. / B.Com	Economics	I / II	IDC	Sustainable development concepts and Goals, NITI AYOG-Structure and objectives, Development Indicators

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Education	I	DSCC / CC / MN – 1	Introduction and philosophical foundation of education: qualities and duties of good teachers.
2.	B.A.	Education	I / II	SEC – 1	N/A
3.	B.A.	Education	II	DSCC / CC / MN –2	N/A
4.	B.A.	Education	II	SEC – 2	Aspects of democratic citizenship: Child protection, Child rights, legal action (POSCO), Domestic violence, Protection of women, Protection of males in DVA

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	English	I	DSCC / CC / MN – 1	William Shakespeare, Sonnet 73; John Donne, 'The Sun Rising'; John Keats, 'To Autumn'; W.B. Yeats, 'The Second Coming'; Ted Hughes, 'Crow's Fall'
2.	B.A.	English	I / II	SEC – 1	Writing Critical Appreciation; Writing Summary/Substance with A Critical Note; Writing Essay
3.	B.A.	English	II	DSCC / CC / MN – 2	Francis Bacon, 'Of Studies'; Charles Lamb, 'Dream Children: A Reverie'; James Joyce, 'Araby'; George Orwell, 'Shooting an Elephant'; Jhumpa Lahiri, 'A Temporary Matter'
4.	B.A.	English	II	SEC – 2	Writing Critical Appreciation; Writing Summary/Substance with a Critical Note; Writing Essay
5.	B.A./ B.Sc. / B.Com	English	I / II	IDC	William Shakespeare: Sonnet 18; William Wordsworth: 'Strange Fits of Passion'; P.B. Shelley: 'To A Skylark'; John Keats: 'To Autumn'; James Joyce: 'Araby'; Katherine Mansfield: 'The Fly'
6.	B.A./ B.Sc. / B.Com	English	I / II	AECC	Lord Tennyson, Break Break Break; Thomas Hardy: Afterwards; Rabindranath Tagore: Where the Mind is Without Fear; R.K. Narayan: Out Of Business; Prem Chand: The Child; Martin Luther King, Jr: I Have A Dream; William Wordsworth: Lucy Gray; Elizabeth Barret Browning: How Do I Love Thee Wilfred Owen: Anthem For Doomed Youth; O. Henry: The Last Leaf; Ruskin Bond: The Thief's Story; Rabindranath Tagore: Ram Mohan Roy

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Four-year Honours & Honours with Research (H&HWR) & Three-year Multidisciplinary (MDC) Program

Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Food & Nutrition	I	DSCC / CC / MN – 1 (Basic Food Science I)	Basic concept of Food, Classification of nutrients, Digestion and absorption, Assessment of nutrients
2.	B.Sc.	Food & Nutrition	I / II	SEC – 1 (Nutrition and Health Education)	Objectives and importance of nutrition and health education, Principles of health education, Nutrition and health education communication process, Steps in planning health and nutrition education, Methods involved in nutrition and health education, Evaluation of nutrition and health education programmes.
3.	B.Sc.	Food & Nutrition	II	DSCC / CC / MN – 2 (Basic Food Science-II)	Dietary fibres, Minerals, vitamins and water their role, bio-availability and requirements
4.	B.Sc.	Food & Nutrition	II	SEC – 2 (Nutritional Epidemiology & Public Health)	<p>Health and Dimension of Health: Positive health versus Absence of disease, Secondary Sources of Community Health data, Sources of relevant vital statistics of infant, child & maternal mortality rates.</p> <p>Immunization: Importance and Immunization schedule for children, adults and for foreign travellers.</p> <p>Community Water and Waste Management: Water borne infectious agents, sources of water, safe drinking water, potable water, waste and waste disposal, sewage disposal and treatment, solid waste and disposal, liquid waste disposal.</p> <p>Concept of Epidemiology: Study of the epidemiologic approach-determinants of disease preventive & social means.</p> <p>Communicable and infective disease control: Nature of communicable and infectious diseases, infection, contamination, disinfections, decontamination, transmission-direct & indirect, vector borne disease infecting organisms and positive agents, environmental agents and epidemiological principles of disease control.</p> <p>Public health hazards due to contaminated foods: Food borne infections and intoxications: symptoms, mode of transmission and methods of prevention, investigation and detection of food borne disease out-break.</p>

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A. / B.Sc.	Geography	I	DSCC / CC / MN – 1 Physical Geography	Seismic waves and internal structure of the earth, Classification of weathering and agents of erosion, Fluvial processes and landforms, Nature, composition, and layering of the atmosphere, Circulation in the atmosphere: Planetary winds, jet streams, and index cycle, Factors of soil formation, Evolution of an ideal soil profile, Plant adaptation and distribution in relation to water availability, Nature and classification of hazards and disasters in Indian context, Drainage Basin Analysis
2.	B.A. / B.Sc.	Geography	I / II	SEC – 1 Methods in Geography	Designing of primary survey based on diverse research problems, Textural analysis of grains using sieves, Mapping and extraction of flooded areas from satellite images and digital elevation Models, Mapping areal and linear extents of riverbank and coastline shift from Survey of India 1:50k maps and/or satellite images
3.	B.A. / B.Sc.	Geography	II	DSCC / CC / MN – 2 Human Geography	Evolution of human societies, Human adaptation to the environment, Site, situation, types, and patterns of rural settlements
4.	B.A. / B.Sc.	Geography	II	SEC – 2 – AI AI for Everyone	Differentiating AI from human intelligence, AI in finance: Fraud detection, algorithmic trading, and risk assessment, Bias and fairness in AI systems, Privacy and data protection concerns, AI and social inequality, Ethical guidelines and responsible AI practices
5.	B.A./ B.Sc.	Geography	I / II	SEC – 2 – DE Digital Empowerment	Copyright and plagiarism awareness, Online security and privacy, Responsible online behavior and digital etiquette, Ethical considerations in digital technology usage

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Mathematics	I	DSCC / CC / MN – 1	N/A
2.	B.Sc.	Mathematics	I / II	SEC – 1	Overview of architecture of computer, Decision Making and Branching, switch statement, break and continue statement.
3.	B.Sc.	Mathematics	II	DSCC / CC / MN – 2	Relation, Mapping, Well-ordering property of positive integers
4.	B.A. / B.Sc.	Mathematics	II	SEC – 2	Same as SEC-1
5.	B.A. / B.Sc.	Mathematics	I / II	IDC	Set Theory, Mathematical Logic, Financial Mathematics

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Philosophy	I	DSCC / CC / MN – 1	Nature of Philosophy; Commonsense, Science and Philosophy; Branches of Philosophy-- Metaphysics, Ethics, Social and Political Philosophy; Nature and scope of Ethics, Branches of Ethics: Normative Ethics, Meta-Ethics, Applied Ethics, Moral and non-moral actions, Concepts of good & bad, right & wrong, duty & obligation, Right & Duty, Duty & virtue, Object of Moral Judgement-- Motive and Intention.
2.	B.A.	Philosophy	I / II	SEC – 1	The meaning of the word 'nature'; Narrow and broad sense of nature; Attitude towards nature, Classical Indian Attitude to Nature, The Upanisadic world-view; Tagore's understanding of nature; The Post-Upanisadic view of nature; Respect for nature, The attitude of respect; Bio-centric outlook to nature; Ethical standards and rules that follow from the attitude of respect to nature, The idea of inherent worth of nature, Intrinsic Value of nature Moore's talk of 'intrinsic properties'; Chisholm's idea of intrinsic Value; Attfeld on the intrinsic value of nature; Callicott's idea of intrinsic value of nature; Rolston - III on intrinsic value of nature; Intrinsic value: Subjective and objective value; Deep Ecology and its Third World Critique: Arne Naess on Deep Ecology; Ramchandra Guha's critique of Deep Ecology.
3.	B.A.	Philosophy	II	DSCC / CC / MN – 2	Indian Philosophy: A Historical Overview, Rise of different Philosophical Systems, Common Characteristics of different systems of Indian Philosophy, Concepts of Vedas and the Upanisads: Rta, Rna, The reality of the world, The Law of Karma, The reality of Self, Liberation, Meaning of Dharma, Classification of Dharma: Sādhāraṇa-dharma and Asādhāraṇa-dharma, Varnāśrama dharma.
4.	B.A.	Philosophy	II	SEC – 2	Human Rights: General Idea of Human Rights, Its Origin and Development during Ancient period; Modern Period and Contemporary Period; Normative Justification of Human Rights, Nature and Value of Human Rights, Discrimination on the basis of Race, Caste and Religion; Concepts of Justice and Equality, Theory of Justice – John Rawls, Idea of Justice – Amartya Sen. Feminist Ethics: Some Key Concepts of Feminism, The Sex/Gender Dichotomy; Three Forms of Gender Discrimination, Sexism, Patriarchy and Androcentrism or Phallocentrism; Androcentrism in Philosophy, Feminist Approach; Feminist Movement – Feminist Consciousness; Liberal and Radical Feminism, Their Distinction; A Brief Overview of Feminist Approach to Different Branches of Philosophy: Metaphysics, Epistemology and Ethics; Ethics of Care.

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Three-year Multidisciplinary (MDC) Program

Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Physics	I	DSCC / CC / MN – 1 BASIC PHYSICS I	All Topics
2.	B.Sc.	Physics	I / II	SEC – 1 Introduction to Graph plotting and Programming	All Topics
3.	B.Sc.	Physics	II	DSCC / CC / MN – 2 BASIC PHYSICS II	All Topics
4.	B.Sc.	Physics	II	SEC – 2 Introduction to Graph plotting and Programming	All Topics

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Four-year Honours & Honours with Research (H&HWR) & Three-year Multidisciplinary (MDC) Program

Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Political Science	I	DSCC / CC / MN – 1	Political ideals pertaining to key political theories.
2.	B.A.	Political Science	I / II	SEC – 1	Various constitutional safeguards for the vulnerable sections of Indian society under the legal structure of the state.
3.	B.A.	Political Science	II	DSCC / CC / MN – 2	Relevant theme on the constitutional process in the Indian political system
4.	B.A.	Political Science	II	SEC – 2	Various concepts relevant to the Indian legal system.

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Psychology	I	DSCC / CC / MN – 1	N/A
2.	B.A.	Psychology	I / II	SEC – 1	N/A
3.	B.A.	Psychology	II	DSCC / CC / MN – 2	N/A
4.	B.A.	Psychology	II	SEC – 2	N/A
5.	B.A. / B.Sc. / B.Com	Psychology	II	IDC	Organizational Behavior, Human Resource management

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Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Sanskrit	I	DSCC / CC / MN – 1	N/A
2.	B.A.	Sanskrit	I / II	SEC – 1	N/A
3.	B.A.	Sanskrit	II	DSCC / CC / MN – 2	History of Sanskrit Literature
4.	B.A.	Sanskrit	II	SEC – 2	N/A
5.	B.A. / B.Sc. / B.Com	Sanskrit	II	IDC	Medical Science, Astronomy & Astrology.

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1.	B.A.	Sociology	I	DSCC / CC / MN – 1	Human Values-- Introductory Sociology
2.	B.A.	Sociology	I / II	SEC – 1	Gender Values-- Gender Constructs and Society
3.	B.A.	Sociology	II	DSCC / CC / MN – 2	Human Values and Gender Values-- Sociology of India; Human Values-- Introductory Sociology
4.	B.A.	Sociology	II	SEC – 2	Gender Values-- Gender Constructs and Society
5.	B.A. / B/Sc// B.Com	Sociology	II	IDC	Human Values and Gender Values-- Knowing Indian Society

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1.	B.Sc.	Zoology	I	DSCC / CC / MN – 1	All Topics
2.	B.Sc.	Zoology	I / II	SEC – 1	All Topics
3.	B.Sc.	Zoology	II	DSCC / CC / MN – 2	All Topics
4.	B.Sc.	Zoology	II	SEC – 2	All Topics

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DEPARTMENT OF BENGALI						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Bengali	Honours	I	CC-1-1 Bangla SahityerItihas (1800 AD)	Anuvad Sahitya, Chaitanya Charita Sahitya, Mangal KavyerUdbhav o Bikash, Pranayopakhyan, Shakta Padavali
					CC-1-2 Barnanamulak Bhasha Bigyan o Bangla Bhasha	Bangla BhasharDwaniParibartaner Riti o Prakriti, Upabhasha, Linga
2.	B.A.	Bengali	Honours	II	CC-2-3 Bangla SahityerItihas (19 th Century)	Kavya-Kabita o Natak Prahasan, Katha Sahitya o Samayik Patra, Gadya o Prabandha
					CC-2-4 Bangla Sahitya :Prabeshak Path	Kabita, Katha Sahitya, Natak o GadyaPrabandha
3.	B.A.	Bengali	Honours	III	CC-3-5 Bangla SahityerItihas (20 th Century)	Kavya-Kabita o Natak, Katha Sahitya, GadyaPrabandha o Samayik Patra
					CC-3-7 Katha Sahitya	Upanyas, ChhotoGalpo
					SEC-A-3-2 Byabaharik Bangla-1	Bangla SahityerChalachchitrayan
4.	B.A.	Bengali	Honours	IV	CC-4-8 Pragadhunik Sahitya	Chandimangal
					CC-4-10 Prabandha o Bibidha Rachana	KamlakanterDaptar, EkalerPrabandhaSanchayan, Sahitya, EkalerSamalochanaSanchayan, Chhinnapatra
5.	B.A.	Bengali	Honours	V	CC-5-12 Natak o Natya Mancha	BuroSalikerGhare Ron, Muktheadhara, Karagar, TinerTalowar
					DSE-A-5-1 Banglar Samaj o SanskritirItihas	Banglar Dharma, Chaitanya Sanskriti, AupanibeshikAdhunikatarAbhighat

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DEPARTMENT OF BENGALI						
Sl. No .	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					DSE-B-5-1 Bangla Shishu Kishor Sahitya	KshirerPutul, ThakumarJhuli, ChharaSamagra, Aboltabol, Sabuj Dwiper Raja
6.	B.A.	Bengali	Honours	VI	CC-6-13 Adhunik Bangla Kavya Kabita	Birangana Kavya, Sonar Tori, Sanchita, Ekaler Kavita Sanchayan
					DSE-A-6-3 Bangla Goyenda Sahitya, Kalpa BigyanAshrayi Rachana ebongAlaukik Kahini	ShankuSamagra, Sab Bhuture
					DSE-B-6-4 Lok Sanskriti o Lok Sahitya	Banglar Brata o Parban, Lok Chhara, Lok Nritya, Dhandha, Bangla Prabad, Lok Katha
General						
7.	B.A.	Bengali	General	I	CC/GE-1-1 Bangla SahityerItihas(Adhunik Yug)	Gadya o Prabandha, Kavya-Kabita o Natak, Upanyas o ChhotoGalpo,
8.	B.A.	Bengali	General	III	CC/GE-3-3 Kavya-Kabita o Natak	Pragadhunik Kabita, Adhunik Kabita, Bangla Natak
					SEC-A-3/5-2 Byabaharik Bangla-1 (To be chosen either in Semester 3 or in Semester 5)	Bangla SahityerChalachchitrayan
9.	B.A.	Bengali	General	IV	CC/GE-4-4 Bangla Kathasahitya o Prabandha	Upanyas, ChhotoGalpo, Prabandha
					LCC(2)-4-1 Bangla Bhasha Bigyan, SahityerRupabhed o Kavya	Bangla Bhasha Bigyan, Kavya

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					SEC-B-4/6-2 Byabaharik Bangla-2 (To be chosen either in Semester 4 or in Semester 6)	Srijanshil Rachana
10.	B.A.	Bengali	General	V	DSE-A-5-2 Bangla Goyenda Sahitya, Kalpa BigyanAshrayi Rachana ebongAlaukik Kahini	ShankuSamagra, Sab Bhuture
11.	B.A.	Bengali	General	VI	DSE-B-6-2 Lok Sanskriti o Lok Sahitya	Banglar Brata o Parban, Lok Chhara, Lok Nritya, Dhandha, Bangla Prabad, Lok Katha
					LCC(2)-6-2 Samayik PatraoKatha Sahitya	Samayik Patra, Upanyas, Chhoto Galpo

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1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

DEPARTMENT OF BOTANY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B. Sc	Botany	Honours	I	CC-1: Phycology and Microbiology	Environment: 3. Cyanobacteria: Ecology.
					CC-2: Mycology and Phyto-pathology	Environment & Sustainability: 4. Mycorrhiza: 4.2. Role in Agriculture & Forestry. 5. Lichen: 6.3. Economic and ecological importance.
2.	B. Sc	Botany	Honours	II	CC-3: Plant anatomy	Human Values: 9. Scope of plant anatomy: application in systematics, forensics and pharmacognosy.
					CC-4: Archegoniate	Environment & Human Values: BRYOPHYTES: 4. Importance : Role of bryophytes in: 4.1. Plant succession, 4.2. Pollution Monitoring, 4.3. Economic importance of bryophytes with special reference to Sphagnum. Human Values: PTERIDOPHYTES: 5. Economic importance as food, medicine and Agriculture. GYMNOSPERMS: 4. Economic Importance with reference to Wood, Resins, Essential oils and Drugs.
3.	B. Sc	Botany	Honours	III	CC-5: Palaeobotany and Palynology	Environment: 2.6.Importance of fossil study. 7. Applied Palynology: Basic concepts of: 7.2. Aeropalynology.
					CC-6: Reproductive biology of Angiosperms	Human Values: 2. Flower, induction of flowering, flower development-genetic and molecular aspects.
					CC-7: Plant systematic	Professional Ethics: 3.1. Systematics in Practice: Herbaria and Botanical Gardens – their role in teaching and research; important Herbaria and Botanical Gardens of India and world.
					SEC-A-1:Applied Phycology, Mycology and Microbiology	Sustainability: Biodiesel, bioplastics from algae. 3. Use of microbes as Biofertilizer and Biopesticides, 3.4. Use of microbes in mineral processing. Professional Ethics: 3.Antibiotic (Griseofulvin), Pharmaceuticals (Cyclosporin-A). 4. Aflatoxin,
4.	B. Sc	Botany	Honours	IV	CC-8: Plant geography,	Environment: 1.2. Dominant flora of Eastern Himalaya, Western

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DEPARTMENT OF BOTANY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					Ecology and Evolution	Himalaya and Sunderba, 1.1. Habitat and Niche, 1.3. Microclimate, 2.1. Community- Characteristics and diversity, 2.2. Ecological succession, 4.2. Biodiversity hot spots. Sustainability: 3.2. Phytoremediation, 4.1. Level of Biodiversity,
					CC-9: Economic Botany	Environment & Sustainability: 1. Crop domestication and loss of genetic diversity; evolution of new crops/ varieties, importance of germplasm diversity. 3. Legumes: Origin, morphology and importance to man and environment. Human Values: 7. Oil and fats: General description, classification, extraction, their uses and health implications. 8. Papavar, Cannabis and Tobacco (morphology, processing, uses and health hazards).
					CC-10: Genetics	Sustainability: 3. Epistasis and Polygenic inheritance in plants. 4.3. Speciation and evolution through polyploidy.
					SEC-B-3: Plant Breeding	Environment & Sustainability: 2. centres of origin and domestication of crop plants, plant genetics resources. Human Values: 7. Role of biotechnology in crop improvements.
5.	B. Sc	Botany	Honours	V	CC-11: Cell and Molecular biology	Professional Ethics & Human Values: 5. Development and causes of Cancer (in general and brief), tumor suppressor gene and oncogene
					CC-12: Biochemistry	Human Values & Sustainability: 2.1 fatty acids- saturated and unsaturated.
					DSE-A-1: Biostatistics	Sustainability: Hardy-Weinberg equilibrium- conditions applied for its implications
					DSE-B-5: Plant Biotechnology	Sustainability, Environment & Professional Ethics: 6. Achievements in crop biotechnology, environment and industry - pest resistant plants (BT cotton), herbicide resistance, disease and stress tolerance, transgenic

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DEPARTMENT OF BOTANY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						crop with improved quality (flavr tomato, golden rice), role of transgenic in population degradation (super-bug), leaching of minerals, production of industrial enzymes, oil, edible vaccine.
6.	B. Sc	Botany	Honours	VI	CC-13: Plant Physiology	Environment: 1.2. Soil-plantAtmosphere continuum concept. Sustainability: 5.1. Concept of photomorphogenesis.
					CC-14: Plant Metabolism	Professional Ethics & Sustainability: 2.5. Photosynthetic efficiency of C3 and C4 plants and crop productivity.
					DSE-A-3: Medicinal and Ethnobotany	Professional Ethics & Human Values: 2.1 Pharmacognosy and its importance in modern medicine, Human Values: Secondary metabolites: their protective action against pathogenic microbes and herbivores. Sustainability: Folk medicines in ethnobotany, ethnomedicine, ethnoecology, ethnic communities of India.
					DSE-B-7: Research Methodology	Professional Ethics: 4. model organisms in research. 7. The art of scientific writing, Scientific writing ethics. Introduction to copy write-academic misconduct / plagiarism. Environment: 2. toxic chemicals and safety measures in their handling.
7.	B. Sc	Botany	General	I	CC-1: Plant diversity I (phycology, mycology, phytopathology, bryophytes and anatomy)	Environment: 2. Phycology: 2.4. Role of algae in the environment, agriculture, biotechnology and industry; 3. Mycology: 3.3. Economic importance of fungi, 5. Bryophytes: 5.5 Ecological and economic importance.
8.	B. Sc	Botany	General	II	CC-2: Plant diversity II (pteridophytes,	Human Values: 1. Pteridophytes: 1.3 Economic importance. 2. Gymnosperms: 2.5 Economic importance of Gymnosperms.

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DEPARTMENT OF BOTANY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					gymnosperms, palaeobotany, morphology and taxonomy)	Sustainability: 3. Paleobotany & Palynology: 3.2 Importance of fossil study.
9.	B. Sc	Botany	General	III	CC-3: Cell biology, genetics and microbiology	Sustainability & Human Values: Aneuploidy & Polyploidy-types, importance and role in evolution. 2. Microbes: Economic importance.
10.	B. Sc	Botany	General	IV	CC-4: Plant physiology and metabolism	Human Values: 6.1 Biological dinitrogen fixation.
11.	B. Sc	Botany	General	V	SEC-A: Plant breeding and biometry	Human Values: 4. Polyploidy, distant hybridization and role of biotechnology in crop improvement.
					DSE-A: Phytochemistry and medicinal botany	Sustainability: 5. Applications of ethnobotany.
12.	B. Sc	Botany	General	VI	SEC-B: Plant biotechnology	Environment & Sustainability: 6.1 Pest resistant plant (Bt cotton), 6.2 Transgenic crops with improved quality (flavr tomato and golden rice).
					DSE-A: Economic botany	Environment & Sustainability: Origin of cultivated plants: 1.1 Concepts of centres of origin.

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DEPARTMENT OF CHEMISTRY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc	Chemistry	General	5	DSE -A2	Fuel cell,Solar cell,Eco friendly paint,
2.	B.Sc	Chemistry	General	6	DSE -B1	Green Chemistry

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DEPARTMENT OF COMMERCE						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Com	Accountancy	Honours / General	4	BCOM CC 4.1 Cgh	Business Ethics: Basics of Business Ethics, Corporate Social Responsibility and Business Ethics, Principles of Business Ethics, Ethics In Management, Globalization and cross culture issues in ethics, Corporate Code of ethics.

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DEPARTMENT OF ECONOMICS						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Economics	Honours	Semester III	ECO-A-SEC-3-A(1)-TH Rural Development [RD]	Participatory Rural Appraisal
2.	B.Sc.	Economics	Honours	Semester III	ECO-A-SEC-3-A(1)-TH Rural Development [RD]	Child labour and school drop-out in rural areas. Mid-day Meal and Rural Development
3.	B.Sc.	Economics	Honours	Semester VI	ECO-A-CC-6-14-TH-TU Development Economics	Gender Inequality, connections between inequality and development.
4.	B.Sc.	Economics	Honours	Semester VI	ECO-A-DSE-6-A(2)-TH-P Issues in Indian Economy [IIE]	Labour laws and regulation
5.	B.Sc.	Economics	Honours	Semester VI	ECO-A-DSE-6-B(2)-TH-TU Environmental Economics [EE]	Environmental Economics [EE]
6.	B.Sc.	Economics	Honours	Semester VI	ECO-A-DSE-6-B(2)-TH-TU Issues in Development Economics [IDE]	Environment and Sustainable Development
7.	(B.A. / B.Sc.)	Economics	General	Semester V	ECO-G-DSE-5-1A/2A-TH-TU Sustainable Development (SD)	Sustainable Development (SD)

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DEPARTMENT OF EDUCATION						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Education	Honours	V	DSE-A 1	Peace and value education
2.	B.A.	Education	Honours	VI	DSE-A1	Gender and society
3.	B.A.	Education	Honours	V	DSE-B2	Teacher education
4.	B.A.	Education	General	IV/VI	SEC-B2	Life skill education

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1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

DEPARTMENT OF ENGLISH						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	ENGLISH	HONOURS	I	CC II	<ul style="list-style-type: none"> • Ovid, 'Metamorphoses' • Homer, 'The Iliad' • Sophocles, 'Oedipus the King' • Plautus, 'Pot of Gold'
2.	B.A.	ENGLISH	HONOURS	II	CC III	<ul style="list-style-type: none"> • Kamala Das, 'Introduction' • Toru Dutt, 'Our Casuarina Tree' • A.K. Ramanujan, 'River' • Nissim Ezekiel, 'Enterprise' • Jayanta Mahapatra, 'Dawn at Puri' • Bankimchandra Chattopadhyay, 'Rajmohan's Wife' • Mahesh Dattani, 'Bravely Fought the Queen'
3.	B.A.	ENGLISH	HONOURS	II	CC IV	<ul style="list-style-type: none"> • Geoffrey Chaucer, 'Wife of Bath's Prologue' • Edmund Spenser, 'One Day I Wrote Her Name' • William Shakespeare, Sonnets 18 & 130, • Christopher Marlowe, 'Edward II' • William Shakespeare, 'Macbeth' • William Shakespeare, 'Twelfth Night', 'As You Like It'
4.	B.A.	ENGLISH	HONOURS	III	CC V	<ul style="list-style-type: none"> • Robert Frost, 'After Apple Picking' • Walt Whitman, 'O Captain, My Captain' • Sylvia Plath, 'Daddy' • Langston Hughes, 'Harlem to be Answered' • Edgar Allan Poe, 'To Helen' • Ernest Hemingway, 'The Old Man and the Sea', • Edgar Allan Poe, 'The Purloined Letter' • F. Scott Fitzgerald, 'The Crack-up'

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DEPARTMENT OF ENGLISH						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						<ul style="list-style-type: none"> William Faulkner, 'Dry September' Arthur Miller, 'Death of A Salesman'
5.	B.A.	ENGLISH	HONOURS	III	CC VI	<ul style="list-style-type: none"> Lewis Carroll, 'Through the Looking Glass' Agatha Christie, 'The Murder of Roger Ackroyd' Sukumar Ray, 'Abol Tabol' ('Nonsense Rhymes', translated Satyajit Ray), Kolkata: Writers' Workshop Herge 'Tintin in Tibet'
6.	B.A.	ENGLISH	HONOURS	III	CC VII	<ul style="list-style-type: none"> John Milton, 'Paradise Lost', Book I Alexander Pope, 'The Rape of the Lock', Cantos I-III John Webster, 'The Duchess of Malfi' Aphra Behn, 'The Rover'
7.	B.A.	ENGLISH	HONOURS	III	SEC A2	<ul style="list-style-type: none"> What is business communication ? Writing reports, letters, curriculum vitae, Writing meeting minutes, E-correspondence
8.	B.A.	ENGLISH	HONOURS	IV	CC VIII	<ul style="list-style-type: none"> Samuel Johnson, 'London' Thomas Gray, 'Elegy Written in a Country Churchyard', William Congreve, 'The Way of the World', Daniel Defoe, 'Robinson Crusoe' Joseph Addison, 'Sir Roger at Home' and 'Sir Roger at Church'
9.	B.A.	ENGLISH	HONOURS	IV	CC IX	<ul style="list-style-type: none"> William Blake, 'The Lamb' and 'The Tyger' William Wordsworth, 'Tintern Abbey' Samuel Taylor Coleridge, 'Kubla Khan' Percy Bysshe Shelley, 'Ode to the West Wind' and 'To a Skylark' John Keats, 'Ode to a Nightingale' and 'Ode to Autumn', Charles Lamb, 'Dream Children', 'The Superannuated Man'

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DEPARTMENT OF ENGLISH						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						<ul style="list-style-type: none"> Mary Shelley, Frankenstein
10.	B.A.	ENGLISH	HONOURS	IV	CC X	<ul style="list-style-type: none"> Lord Tennyson, 'Ulysses' Robert Browning, 'My Last Duchess' Christina Rossetti, 'The Goblin Market' Matthew Arnold, 'Dover Beach', Jane Austen, Pride and Prejudice Charlotte Bronte, 'Jane Eyre' Charles Dickens, 'Oliver Twist' Thomas Hardy, 'The Mayor of Casterbridge'
11.	B.A.	ENGLISH	HONOURS	V	CC XI	<ul style="list-style-type: none"> Emily Dickinson, 'I cannot live with you' Elizabeth Barrett Browning, 'How do I love thee' Eunice De Souza, 'Advice to Women' Alice Walker, 'Color Purple' Emily Bronte, 'Wuthering Heights' Mahasweta Devi, 'Draupadi', translated Gayatri Chakravorty Spivak Katherine Mansfield, 'Bliss' Mary Wollstonecraft, 'A Vindication of the Rights of Woman' Chapters I & II (New York: Norton, 1988) Rassundari Devi, 'Amar Jiban', translated Enakshi Chatterjee, Writers' Workshop.
12.	B.A.	ENGLISH	HONOURS	V	CC XII	<ul style="list-style-type: none"> T.S. Eliot, 'The Love Song of J. Alfred Prufrock' and 'Preludes' W.B. Yeats, 'The Second Coming' and 'No Second Troy' Wilfred Owen, 'Spring Offensive' Joseph Conrad, 'Heart of Darkness' D.H. Lawrence, 'Sons and Lovers'

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DEPARTMENT OF ENGLISH						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						<ul style="list-style-type: none"> George Bernard Shaw, 'Pygmalion'
13.	B.A.	ENGLISH	HONOURS	V	DSE A1	<ul style="list-style-type: none"> Munshi Prem Chand, 'The Shroud' Ismat Chughtai, 'The Quilt' Fakir Mohan Senapati, 'Rebati' Rabindranath Tagore, 'Light, oh where is the light?' (Gitanjali XXVII) and 'When my play was with thee' (Gitanjali XCVII) G.M. Muktibodh, 'The Void' Amrita Pritam, 'I say unto Waris Shah' Rabindranath Tagore, 'The Home and the World' Vijay Tendulkar, 'Silence! The Court is in Session'
14.	B.A.	ENGLISH	HONOURS	VI	CC XIII	<ul style="list-style-type: none"> Henrik Ibsen, 'Ghosts'/A Doll's House Bertolt Brecht, 'The Good Woman of Szechuan' Samuel Beckett, 'Waiting for Godot'
15.	B.A.	ENGLISH	HONOURS	VI	CC XIV	<ul style="list-style-type: none"> Pablo Neruda, 'Tonight I Can Write' Derek Walcott, 'A Far Cry from Africa' David Malouf, 'Revolving Days' Mamang Dai, 'The Voice of the Mountain' Chinua Achebe, 'Things Fall Apart' Gabriel Garcia Marquez, 'Chronicle of a Death Foretold'
16.	B.A.	ENGLISH	HONOURS	VI	DSE A3	<ul style="list-style-type: none"> Amitav Ghosh, 'The Shadow Lines' Protiva Basu, 'The Marooned', translated Subhasree Tagore, in The Other Voice, eds. Tapati Gupta and Anil Acharya, Kolkata: Anustup Manik Bandyopadhyay, 'The Final Solution', translated Rani Ray, in Debjani Sengupta ed. Mapmaking: Partition Stories from Two

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DEPARTMENT OF ENGLISH						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						<p>Bengals, New Delhi: Srishti</p> <ul style="list-style-type: none"> • Sadat Hasan Manto, 'Toba Tek Singh', in Black Margins:Manto, New Delhi: Manohar Poetry • Sahir Ludhianvi, 'Twentysixth January', • Birendra Chattopadhyay, 'After Death: Twenty Years' • Sankha Ghosh, 'Rehabilitation'
17.	B.A.	ENGLISH	HONOURS	VI	DSE B3	<ul style="list-style-type: none"> • Rabindranath Tagore, 'My Reminiscences', Chapters 1-15, New Delhi: Rupa & Co. • Mahatma Gandhi, 'Autobiography or the Story of My Experiments with Truth', Part I, Chapters 1 to 8 • Binodini Dasi, 'My Story and Life as an Actress', pp 61-83, New Delhi: Kali for Women • Nirad C. Chaudhuri, 'Autobiography of an Unknown Indian', Book I, Mumbai: Jaico Publishing House
18.	B.A.	ENGLISH	GENERAL	III	LCC (L1)-1	<ul style="list-style-type: none"> • Language and Communication: Official and Personal Language Varieties: Formal & Informal, Correct and Incorrect Differences between British English and American English
19.	B.A.	ENGLISH	GENERAL	V	LCC (L1)-2	<ul style="list-style-type: none"> • William Wordsworth: 'Three Years She Grew' • Lord Tennyson, 'Break Break Break' • Henry Louis Vivian Derozio: 'To India, My Native Land' • Rabindranath Tagore, 'Gitanjali 50' • Creative use of Language: Writing Story, Travelogues and Advertisement Matters

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DEPARTMENT OF ENVIRONMENTAL STUDIES							
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Professional Ethics / Gender / Human Values / Environment and Sustainability	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Environmental Studies	Honours and General	2nd	AECC-2	Environment and Sustainability	Introduction of Environmental Studies, Ecosystem, Natural Resources, Biodiversity and Conservation, Environmental Policies and Practices, Human Communities and Environment
2.	B.Sc.	Environmental Studies	Honours and General	2nd	AECC-2	Environment and Sustainability	Introduction of Environmental Studies, Ecosystem, Natural Resources, Biodiversity and Conservation, Environmental Policies and Practices, Human Communities and Environment
3.	B.Com.	Environmental Studies	Honours and General	2nd	AECC-2	Environment and Sustainability	Introduction of Environmental Studies, Ecosystem, Natural Resources, Biodiversity and Conservation, Environmental Policies and Practices, Human Communities and Environment

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DEPARTMENT OF FOOD AND NUTRITION						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc	FOOD AND NUTRITION	HONOURS	I	CC 1:BASIC FOOD SCIENCE	Basic concept of Food, Classification of nutrients, Digestion and absorption, Assessment of nutrients
3.				II	CC 3:BASIC FOOD SCIENCE-II	Dietary fibres,Minerals, vitamins and water their role ,bio-availability and requirements
5.				III	CC 5:HUMAN NUTRITION I	Nutrition, Malnutrition and Health, Scope of Nutrition,Guidelines Reference Man and Reference Woman, Adult consumption unit, Assessment of Energy Requirements,Determination of Energy in food, B.M.R.and its regulation, S.D.A.Growth & Development from infancy to adulthood: Somatic, physical, brain and mental development, puberty, menarch, pre-pubertal and pubertal changes, Factors affecting growth and development. Importance of Nutrition for ensuring adequate development,Growth monitoring and promotion: Use of growth charts and standards, Prevention of growth faltering.
6					CC 6:COMMUNITY NUTRITION	Types of Community, Factors affecting health of the Community, Nutritional Assessment and Surveillance, Nutritional assessment of human: Clinical findings, nutritional anthropometry, biochemical tests, biophysical methods, Diet survey, individual and total distribution of food in family, adequacy of diet in respect to RDA, concept of family food security, Clinical Signs: Need & Importance's, identifying signs of PEM, vitamin A deficiency and iodine deficiency, Interpretation of descriptive list of clinical signs, Nutritional anthropometry,Use of growth chart. International, national, regional agencies and organisations. Nutritional intervention programmes to combat malnutrition.
7					CC 7:FOOD COMMODITIES	All food groups, structure, storage, use,selection,cost,nutritional aspects, preparation and important active agents in each of them
8					SEC A1: FOOD	Planning a food service unit, layout design, planning of different work areas – preparation,cleaning, storing, serving and dining areas. Lighting

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DEPARTMENT OF FOOD AND NUTRITION						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					SERVICE MANAGEMENT	and ventilation, working heights in relation to equipment. Institutional Menu Planning: Factors influencing menu planning, principles of menu planning, different kinds of menus. Quality food Service – types- Centralized, de-centralized objectives. Styles of service. Importance of sanitation and hygiene in food, kitchen hygiene, Hygienic handling of Food, employee's health, hygiene of food service unit. Personnel Management- selection, training and supervision of personnel, criteria for selection of Dietitian and Food Service staff.
9				IV	SEC B1: NUTRITION AND HEALTH EDUCATION	Objectives and importance of nutrition and health education, Principles of health education, Nutrition and health education communication process, Steps in planning health and nutrition education, Methods involved in nutrition and health education, Evaluation of nutrition and health education programmes.
10					CC 8: HUMAN NUTRITION II	Nutrition During Pregnancy: outcome, importance of adequate weight gain during pregnancy, antenatal care and its schedule, Nutritional requirements during pregnancy and modification of existing diet and supplementation, Deficiency of nutrients, Common problems of pregnancy and their managements, Adolescent pregnancy. Nutrition during Lactation: Nutritional requirements during lactation, dietary management, food supplements, galactagogues, preparation for lactation. Nutrition during Infancy: Infant physiology relevant to feeding and care, Breast feeding colostrum, its composition and importance in feeding, Initiations of breast feeding. Advantages of exclusive breast feeding. Basic principles of breast feeding. Introduction of supplementary foods, initiation and management of weaning, Baby-led weaning. Bottle feeding- circumstances

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DEPARTMENT OF FOOD AND NUTRITION						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						under which bottle feeding is to be given. Care &sterilization of bottles. Preparation of formula. Mixed feeding, breast feeding and artificialfeeding, Management of preterm and low birth weight babies. Nutritional needs of toddlers, preschool, school going children-and adolescents- Dietary management
11					CC 9: DIET THERAPY- I	Therapeutic adaptations of normal diet, principles and classification of the therapeutic diets.Team approach to health care. Assessment of Patient's needs. Routine Hospital Diets: Regular, light, soft, fluid, parenteral and enteral feeding, Diets for different febrile conditions: influenza, malaria and typhoid. Etiological factors, symptoms, and management of common diseases of stomach-Gastritisand Peptic ulcer. Diarrhoea, steatorrhoea,Diverticular disease, inflammatory bowel disease, Ulcerative Colitis, Flatulence,Constipation, Irritable Bowel Syndrome. Diseases of the liver and Biliary System: Anaemias: General concept, aetiology, classification, and dietary management of Nutritional anaemia.
13					CC11:DIET THERAPY-II	Energy modifications and nutritional care for weight management, Diet in disease of the endocrine pancreas,Diseases of the cardiovascular system Renal Diseases
15				V	DSE A1: PUBLIC HEALTH	Health and Dimension of Health: Positive health Versus Absence of disease Secondary Sources of Community Health data :Sources of relevant vital statistics of infant, child & maternal mortality rates Immunization: Importance and Immunization schedule for children, adults and forforeign travellers.Community Water and Waste Management: water borne infectious agents, sources of water, safe drinking water, potable water, waste and waste disposal, sewage disposal

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1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

DEPARTMENT OF FOOD AND NUTRITION						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						and treatment, solid waste and disposal, liquid waste disposal. Concept of Epidemiology: Study of the epidemiologic approach-determinants of disease preventive & social means. Communicable and infective disease control: Nature of communicable and infectious diseases, infection, contamination, disinfections, decontamination, transmission-direct & indirect, vector borne disease infecting organisms and positive agents, environmental agents and epidemiological principles of disease control. Public health hazards due to contaminated foods: Food borne infections and intoxications: symptoms, mode of transmission and methods of prevention, investigation and detection of food borne disease out-break.
16					DSE B1: FOOD SAFETY AND QUALITY CONTROL	Food Safety, food hazards, sanitation and hygiene, Food Safety Management Tools, Food laws and Standards
17				VI	CC 13: FOOD MICROBIOLOGY	Cultivation of microorganisms, Nutritional requirements of microorganisms, types of media used, methods of isolation. Primary sources of microorganisms in foods, physical and chemical methods used in the destruction of microorganism in foods: (Sterilisation & Disinfection). Fundamentals of control of microorganism in foods: Extrinsic and intrinsic parameters affecting growth and survival of microbes, use of high and low temperature, dehydration, freezing, freeze-drying, irradiation and preservatives in food preservation. Food Spoilage: Contamination and microorganisms in the spoilage of different kinds of foods and such as cereal and cereal products, vegetable and fruits, fish and other sea foods, meat and meat products, eggs and poultry, milk and products, canned foods.

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DEPARTMENT OF FOOD AND NUTRITION						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
18					CC 14:FOOD PRESERVATION	Food preservation: definition, objectives and principles of food preservation. Different methods of food preservation. Preserved Products: Jam, Jelly, Marmalade, Sauces, Pickles, Squashes, Syrups-types,composition and manufacture, selection, cost, storage, uses and nutritional aspects. Food Standards: ISI, Agmark, FPO, MPO, PFA, FSSAI.
19					DSE A4:GERIATRIC NUTRITION	Ageing, senescence, old age or aged people, gerontology, geriatrics, and Geriatric nutrition. Classification of old population Physiological and biochemical changes during old age.Assessment of nutritional status of older adults.Nutritional requirements and general dietary guidelines for elderly .Major nutritional and health problems during old age.
20					DSE B3:FOOD FERMENTATION	Fermentation,starter culture,Bakers yeast,fermented milk products, vinegar,fermented soya products processing ,factors affecting and the nutritional significance.

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DEPARTMENT OF GEOGRAPHY							
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Professional Ethics / Gender / Human Values / Environment and Sustainability	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A. / B.Sc.	Geography	Honours	I	GEO-A-CC-1-01	Environment and Sustainability	Geotectonics and Geomorphology, Role of humans in landform development
2.	B.A. / B.Sc.	Geography	Honours	II	GEO-A-CC-2-03	Environment and Sustainability, Gender	Human Geography, Human adaptation to environment, Development–environment conflict, Population Composition
3.	B.A. / B.Sc.	Geography	Honours	III	GEO-A-CC-3-05	Environment and Sustainability	Climatology, Climate change, Greenhouse effect, Ozone layer
4.	B.A. / B.Sc.	Geography	Honours	III	GEO-A-CC-3-06	Environment and Sustainability	Hydrology, Oceanography, Water harvesting, Watershed management, Coral Reefs: formation, classification and threats
5.	B.A. / B.Sc.	Geography	Honours	III	GEO-A-SEC-A-3-01	Environment and Sustainability	Coastal Management (Entire Paper)
6.	B.A. / B.Sc.	Geography	Honours	IV	GEO-A-CC-4-09	Human Values, Environment and Sustainability	Human development: Concept and measurement, Indicators of development: environmental
7.	B.A. / B.Sc.	Geography	Honours	IV	GEO-A-CC-4-10	Environment and Sustainability	Soil Geography, Soil erosion and degradation, Biogeography, Deforestation, Biodiversity (Entire Paper)
8.	B.A. / B.Sc.	Geography	Honours	IV	GEO-A-SEC-B-4-03	Human Values	Gandhian Approach to rural development, DPADP, MNREGA
9.	B.A. / B.Sc.	Geography	Honours	V	GEO-A-CC-5-11	Professional Ethics	Research Methodology and Fieldwork, References, Bibliography, Plagiarism: Classification and prevention, Ethics of fieldwork
10.	B.A. / B.Sc.	Geography	Honours	V	GEO-A-CC-5-12	Environment and Sustainability	Remote Sensing and GIS, Preparation of inventories of landuse land cover (LULC) features from satellite images
11.	B.A. /	Geography	Honours	V	GEO-A-DSE-A-5-02	Environment and Sustainability	Climate Change: Vulnerability and Adaptations

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DEPARTMENT OF GEOGRAPHY							
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Professional Ethics / Gender / Human Values / Environment and Sustainability	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
	B.Sc.						(Entire Paper)
12.	B.A. / B.Sc.	Geography	Honours	VI	GEO-A-CC-5-13	Environment & Sustainability	Evolution of Geographical Thought, Determinism, Positivism,
13.	B.A. / B.Sc.	Geography	Honours	VI	GEO-A-CC-5-13	Environment & Sustainability	Hazard Management (Entire Paper)
14.	B.A. / B.Sc.	Geography	Honours	VI	GEO-A-DSE-A-6-04	Environment & Sustainability	Resource Geography, Natural Resources, Pressure on resources, Appraisal and conservation of resources, Problems of resource depletion, Sustainable resource development, Energy Crisis, Sustainable use of resources, Resource sharing, Change in forest cover, Change in water bodies
15.	B.A. / B.Sc.	Geography	Honours	VI	GEO-A-DSE-B-6-08	Environment & Sustainability	Climate, Soil Vegetation Interrelation, Forest, Water Resources of West Bengal
16.	B.A.	Geography	General	I	GEO-G-CC-1-01	Environment & Sustainability	Global hydrological cycle, Watershed Management
17.	B.A.	Geography	General	II	GEO-G-CC-2-02	Environment & Sustainability	Environmental Geography (Entire Paper)
18.	B.A.	Geography	General	III	GEO-G-SEC-A-3/5-01	Environment & Sustainability	Coastal Management (Entire Paper)
19.	B.A.	Geography	General	IV	GEO-G-SEC-B-4/6-03	Human Values	Gandhian Approach to rural development, DPADP, MNREGA
20.	B.A.	Geography	General	V	GEO-G-DSE-A-5-01	Human Values, Environment and Sustainability, Gender	Indicators of development, Environmental indicators of development, Human Development, Gender Disparity
21.	B.A.	Geography	General	VI	GEO-G-DSE-B-6-04	Human Values, Gender, Environment & Sustainability	HDI Population Composition, Age-Sex Structure, Declining sex ratio, Population and environment

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DEPARTMENT OF HISTORY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A(H)	HISTORY	HONOURS	I	CC-I : History of India from the earliest times to 300 B C	I.C Historical interpretations (with reference to gender,environment technology and regions .)
2.					SECA (1) : Archives and museums	All topics are relevant
3.					SEC B(2): Art Appreciation an Introduction to Indian Art	All topics are relevant

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DEPARTMENT OF MATHEMATICS						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Mathematics	General	1, 4	CC1/GE1, CC4/GE4	Algebra
2.	B.Sc.	Mathematics	General	2, 6	CC2/GE2, SEC B	Discrete Mathematics
3.	B.Sc.	Mathematics	General	4	CC4/GE4	Mathematical statistics
4.	B.Sc.	Mathematics	General	3	CC3/GE3	Linear Programming Problem
5.	B.Sc.	Mathematics	General	4	SEC B	Mathematical Logic
6.	B.Sc.	Mathematics	General	5	DSE A	Graph Theory

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DEPARTMENT OF PHILOSOPHY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Philosophy	Honours	I	CC-1 Indian Philosophy I	Cārvāka Ethics, Four noble Truths of Buddhism
					CC-2 History of Western Philosophy I	Pre Socratic Philosophy, St. Thomas Aquinas on Faith and Reason, Leibniz's Law of continuity and Doctrine of Pre-established harmony
2.	B.A.	Philosophy	Honours	II	CC-3 Outlines of Indian Philosophy II	SāmkhyaSatkāryavāda, Yoga Eight fold path, AdvaitaVedānta's Three grades of Sattā and concept of Jagat, Viśiṣṭādvaita's concept of Jagat
					CC-4 History of Western Philosophy II	Hume's Theory of Self and Personal Identity
3.	B.A.	Philosophy	Honours	III	CC-5 Philosophy of Mind	Personality: Types, Factors and Traits of Personality
					CC-6 Social and Political Philosophy	Principles of Class and Caste, Varṇāśrama Dharma
					CC-7 Philosophy of Religion	Hindu, Bauddha and Jaina Doctrine of Karma and Rebirth, The Philosophical teachings of the Holy Quran
					SEC- A b) Man and Environment	a) Classical Indian Attitude to Environment i) The Upanisadic world-view, ii) Tagore's understanding of nature, iii) The post-Upanisadic view of nature b) Respect for Nature i) The attitude of respect, ii) Bio-centric outlook to nature, iii) Ethical standards and rules that follow from the attitude of respect to nature, iv) The idea of inherent worth of nature. c) Intrinsic Value of nature i) Moore's talk of 'intrinsic properties', ii) Chilsom's idea of intrinsic value, iii) Attfield on the intrinsic value of nature, iv) Callicott's idea of intrinsic value of nature, v) Rolston III on intrinsic value of nature, vi) intrinsic value and objective value d) Deep Ecology and its Third World Critique i) Arne Naess on Deep Ecology, ii) Ramchandra Guha's critique of Deep Ecology

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DEPARTMENT OF PHILOSOPHY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
						e) Eco-feminism i) Understanding nature and the feminine, ii) Dualisms in Western tradition, iii) Masculinity, humanity and nature
4.	B.A.	Philosophy	Honours	IV	SEC- B	
					a) Emerging trends of thought, or	A. Business Ethics: 1. Why Study Business Ethics? i) Ethical Issues in business ii) Ethical principles in business; 2. Environment and Business Ethics i) Business ethics and environmental values ii) Ethics of conserving depletable resources; 3. Ethics in Management i) Management by Value Programmes: a qualitative appraisal ii) Ethical vision of Management : A Vedantic outline B. Environmental Philosophy D. Peace Studies E. Recent trends in ethics
					b) Philosophy of Human Rights	A Definition and Nature of Human Rights, The Idea of Human Rights: Its Origins and Historical Developments during Ancient period, Modern period and Contemporary period, The Idea of Natural Law and Natural Rights: Thomas Hobbes and John Locke, The Natural Rights Tradition: Some Reactions from Jeremy Bentham, Edmund Burke and Thomas Paine, Natural Right, Fundamental Right and Human Right, Preamble, Fundamental Rights and Duties (Indian Constitution), Contemporary Perspectives: Joel Feinberg—Basic Rights
5.	B.A.	Philosophy	Honours	V	CC-12 Ethics (Indian)	Concept of Sthitaprajña, Karmayoga: (Gīta) Puruṣārthas and their inter-relations, Meaning of Dharma, Concept of Ṛṇa and Ṛta, Classification of Dharma: Sādhāraṇadharmā and Asādhāraṇadharmā, Varnāśrama Dharma, Vidhi and Niṣedha, Buddhist Ethics, Jaina Ethics, Mimamsa Ethics

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DEPARTMENT OF PHILOSOPHY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					DSE-A(1) (b) Normative and Meta ethics	Postulates of morality, Virtue Ethics, Concept of Value: Types of Values, subjectivity/objectivity of values, Moral Skepticism, Distinction between normative and meta ethics, Meta-ethics: Nature of meta-ethics, Emotivism (A.J. Ayer's view), Intuitionism (Moore's view), Prescriptivism (R.M. Hare's view)
					DSE-B(1) Classical Texts	
					(c) Vedāntasāra: Sadananda Yogindra Saraswati, or	Śravana o ṣaḍbidhalinganirupāṇa
					(d) Śrīmadbhagavadgītā	Karmayoga (third chapter), Guṇatrayavibhāga (fourteenth chapter)
6.	B.A.	Philosophy	Honours	VI	CC-14 Ethics (Western)	Nature and Scope of Ethics, Classification of Ethics, Moral and Non-moral actions, Object of Moral Judgement—Motive and Intention, Moral Theories: Plato and Aristotle, Standards of Morality, Deontological Theories, Theories of Punishment
					DSE-A(2) (b) Applied Ethics	Nature and scope of applied ethics, Killing: Suicide, Euthanasia, Animal killing, Poverty, Affluence and Morality, War and Violence: Terrorism, Right: Nature and Value of Human Rights—Discrimination on the basis of race, caste and religion, The Ethics of Care, Value beyond sentient beings, Reverence for life, Deep Ecology, Concepts of Kinship Ethics, Ecological Concern in Indian thoughts: Jaina and Bauddha views
					DSE-B(2) Contemporary Indian Philosophy	
					(a) Swami Vivekananda or	(a) Real nature of man, Ideal of Universal Religion, Concept of Practical Vedanta

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DEPARTMENT OF PHILOSOPHY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					(b) Rabindranath Tagore or	(b) Nature of Man, Surplus in man, Tagore’s Humanism
					(c) Sri Aurobindo or	(c) Descent or involution, Maya and Lila, Ascent or Evolution, Integral Yoga
					(d) M.K.Gandhi	(d) Nature of Man, Non-Violence. Satyāgraha, Swaraj, Theory of Trusteeship
General						
7.	B.A.	Philosophy	General	I	CC-1 Indian Epistemology and Metaphysics	Brahman, Māyā
8.	B.A.	Philosophy	General	II	CC-2 Western Epistemology and Metaphysics	Realism, Subjective Idealism, Causality: Entailment Theory, RegularityTheory
9.	B.A.	Philosophy	General	III	SEC-A (either in Semester 3 or in Semester 5)	b)Business Ethics : 1.Why Study Business Ethics? i)Ethical Issues in business ii) Ethical principles in business 2.Environment and Business Ethics i)Business ethics and environmental values ii)Ethics of conserving depletable resources 3.Ethics in Management i)Management by Value Programmes: a qualitative appraisal ii) Ethical vision of Management : A Vedantic outline
10.	B.A.	Philosophy	General	IV	SEC-B (either in Semester 4 or in Semester 6)	

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DEPARTMENT OF PHILOSOPHY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					a) Man and Environment, or	A. Classical Indian Attitude to Environment i) The Upanisadic world-view, ii) Tagore's understanding of nature, iii) The post-Upanisadic view of nature; B. Respect for Nature i) The attitude of respect, ii) Bio-centric outlook to nature, iii) Ethical standards and rules that follow from the attitude of respect to nature, iv) The idea of inherent worth of nature; C. Intrinsic Value of nature: B. Moore's talk of 'intrinsic properties', ii) Chilsom's idea of intrinsic value, iii) Attfeld on the intrinsic value of nature, iv) Callicott's idea of intrinsic value of nature, v) Rolston III on intrinsic value of nature, vi) intrinsic value and objective value; D. Deep Ecology and its Third World Critique i) Arne Naess on Deep Ecology, ii) Ramchandra Guha's critique of Deep Ecology; E. Eco-feminism i) Understanding nature and the feminine, ii) Dualisms in Western tradition, iii) Masculinity, humanity and nature.
					b) Value Education	a) Meaning, Characteristics, significance and objectives of Value education b) Values in different contexts: Individual, Social, Cultural, Moral and Global and Spiritual. c) Meaning and Characteristics of Peace education d) Aims and Objectives of Peace Education e) Types of peace education f) Peace and Value Education in Global Perspective
11.	B.A.	Philosophy	General	V	DSE-A a) Ethics: Indian and Western, or	A. Four Purusarthās – dharma, artha, kāma and mokṣa and their interrelation, Karma (Sakāma&Niṣkāma), Cārvāka Ethics;\nB. Buddhist Ethics: The Four Noble Truths and the Eight-Fold Path\nC. Moral and Non-Moral Actions, Object of Moral Judgement\nD. Teleological Ethics: Utilitarianism (Bentham and Mill) Deontological Ethics: Kant's Moral Theory\nE. Theories of Punishment.

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DEPARTMENT OF PHILOSOPHY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
					DSE-A b) Social and Political Philosophy	Custom and Law, Culture and Civilisation, Social Changes: Marx and Gandhi
12.	B.A.	Philosophy	General	VI	DSE-B a) Applied Ethics and Philosophy of Religion, or	Concepts of Applied Ethics; Killing: Suicide, Euthanasia, Famine, Affluence and Morality; Environmental Ethics: Value Beyond Sentient Beings, Reverence for life, Deep Ecology; Problem of Evil and Suffering; Grounds for disbelief in God: Sociological theory of Durkheim, Freudian Theory, CārvākaView
					DSE-B b) Contemporary Indian Thought	(i) Swami Vivekananda: Nature of Man, Ideal of universal religion, Practical Vedānta (ii) M.K. Gandhi : Nature of man, non-violence, satyāgraha, theory of trusteeship (iii) B.R. Ambedkar: Critique of social evils, Dalit movement

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DEPARTMENT OF PHYSICS						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc.	Physics	General	I	PHS-G-CC-1-1-TH	Topics with Applicability to Environment Sciences and Sustainability: Mathematical Methods, Introduction to Newtonian Mechanics, Rotational Motion, Central force and Gravitation, Oscillations, Elasticity, Surface Tension
2.	B.Sc.	Physics	General	II	PHS-G-CC-2-2-TH	Topics with Applicability to Environment Sciences and Sustainability: Electrostatics, Magnetism, Electromagnetic Induction, Electrodynamics
3.	B.Sc.	Physics	General	III	PHS-G-CC-3-3-TH	Topics with Applicability to Environment Sciences and Sustainability: Laws of Thermodynamics, Thermodynamical Potentials, Kinetic Theory of Gases, Theory of Radiation, Statistical Mechanics
4.	B.Sc.	Physics	General	III	PHS-A SEC-B-TH (SEC A-2)	Topics with Applicability to Environment Sciences and Sustainability: Renewable energy and Energy Harvesting, Fossil fuels and Alternate Sources of energy, Solar energy, Wind Energy harvesting, Ocean Energy, Geothermal Energy, Hydro Energy, Piezoelectric Energy harvesting, Electromagnetic Energy Harvesting, Fuel cell
5.	B.Sc.	Physics	General	IV	PHS-G-CC-4-4-TH	Topics with Applicability to Environment Sciences and Sustainability: Electromagnetic nature of light, Interference, Diffraction, Polarization
6.	B.Sc.	Physics	General	V	PHS-G-DSE-A-TH DSE A (2)	Topics with Applicability to Environment Sciences and Sustainability: Radiation and its nature, Lasers
7.	B.Sc.	Physics	General	VI	PHS-G-DSE-B-TH DSE B (2)	Topics with Applicability to Environment Sciences and Sustainability: Radioactivity, Detector for Nuclear Radiations

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DEPARTMENT OF POLITICAL SCIENCE						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A	POLITICAL SCIENCE	HONOURS	SEM-1	UNDERSTANDING POLITICAL THEORY: APPROACHES AND DEBATES	Feminist.
2.	B.A	POLITICAL SCIENCE	HONOURS	SEM-2	POLITICS IN INDIA: STRUCTURE AND PROCESS	(a) Environmental Movements (b) Women's Movements (c) Human Rights Movements.
3.	B.A	POLITICAL SCIENCE	HONOURS	SEM-5	POLITICAL SOCIOLOGY	Gender And Politics: Basic Issues.
4.	B.A	POLITICAL SCIENCE	HONOURS	SEM-5	DSE A(1)-GENDER AND POLITICS	I. Groundings 1. Patriarchy a. Sex-Gender Debates b. Public and Private c. Power 2. Feminism 3. Family, Community, State a. Family b. Community c. State, II. Movements and Issues 1. History of the Women's Movement in India 2. Violence against women 3. Work and Labour a. Visible and Invisible work b. Reproductive and care work c. Sex work.
5.	B.A	POLITICAL SCIENCE	HONOURS	SEM-5	DSE A(2)-UNDERSTANDING SOUTH ASIA	(c) Refugee crisis.

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DEPARTMENT OF POLITICAL SCIENCE						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
6.	B.A	POLITICAL SCIENCE	HONOURS	SEM-6	DSE B(4)-HUMAN RIGHTS IN A COMPARATIVE PERSPECTIVE	Module I Human Rights: Theory and Institutionalization Understanding Human Rights: Three Generations of Rights Institutionalization: Universal Declaration of Human Rights Rights in National Constitutions: South Africa and India Issues: Torture: USA and India; Surveillance and Censorship: China and India; Terrorism and Insecurity of Minorities: USA and India Module II Structural Violence: Caste and Race: South Africa and India Gender and Violence: India and Pakistan Adivasis/Aboriginals and the Land Question: Australia and India.
7.	B.A	POLITICAL SCIENCE	GENERAL	SEM-3	Government and Politics in India	c) Environment; d) Women's movements.
8.	B.A	POLITICAL SCIENCE	GENERAL	DSE-B-6 -2A	Feminism: Theory and Practice	1. Distinction between sex and gender. Biologism and Social Constructivism. 2. Patriarchy and Feminism. 3. Theoretical foundation: Liberal; Socialist; Marxist; Radical Feminism; New Feminist ideas. 4. Traditional historiography and Feminist critiques. 5. Social reform movements and position of women: Indian context. 6. Gender relations in family: consumption; entitlement; property rights.
9.	B.A	POLITICAL SCIENCE	GENERAL	DSE-B-6 -2B	Human Rights: Theory and Indian Context	Module I 1. History of the idea of human rights; Evolution of generations of human rights. 2. Universal Declaration of Human Rights: provisions and significance. 3. UN and human rights: charters; UN Human Rights Commission; Vienna Declaration and Programme of Action. Module II 4. Indian Constitution and the foundation of rights. 5. National and State Human Rights Commissions: structure and functions. 6. Human rights in India: problems and remedies.
10.	B.A	POLITICAL SCIENCE	GENERAL	SEC-3-A (1)	Legal Literacy	6.Human Rights Laws: Meanings, Universal Declaration of Human Rights (UDHR), Human Rights Act of 1993, Issues of rights of Children and Women.

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DEPARTMENT OF PSYCHOLOGY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A	Psychology	General	II	CC-2	Unit:3 Interpersonal attraction
2.	B.A	Psychology	General	V	DSE-1A	Unit: 2 Well Being

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DEPARTMENT OF SANSKRIT						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.A.	Sanskrit	General	1	CC1	Nitisatakam
2.	B.A.	Sanskrit	General	5	DSE1	Sanskara and Purusartha

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DEPARTMENT OF SOCIOLOGY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	BA	SOCG	General	3/5	SEC A (2)- GENDER SENSITIZATION	Gender
2.	BA	SOCG	General	4/6	SEC B (1)- THEORY AND PRACTICE OF DEVELOPMENT	Sustainable development, gender and development (gad)
3.	BA	SOCG	General	6	DSE B (2)- GENDER AND SEXUALITY	Gender
4.	BA	SOCG	General	6	DSE- B (1)- SOCIAL STRATIFICATION	Forms of social stratification- gender

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1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

DEPARTMENT OF ZOOLOGY						
Sl. No.	Stream (B.A. / B.Sc. / B.Com)	Subject	Section (Honours / General)	Semester	Paper / Course Name	Topic relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability
1.	B.Sc	Zoology	Honours	I	CC1- Non Chordates-1	Environment and Sustainability: All topics are relevant
2.					CC-2 Molecular Biology	
3.				II	CC3- Non Chordates-2	
4.				III	CC5- Chordate	
5.					CC6- Animal physiology	
6.					SEC (A) 1- Apiculture	
7.				IV	CC9- Animal physiology	
8.					Aquarium fish Keeping	
9.					Ecology	
10.			General	VI	CC13- Developmental Biology	Professional Ethics: All topics are relevant
11.					DSE A2- Animal Biotechnology	Professional Ethics, Environment and Sustainability: All topics are relevant
12.				I	CC1- Animal diversity	Environment and Sustainability: All topics are relevant
13.				II	CC2- Comparative anatomy and Developmental Biology	Professional Ethics: All topics are relevant
14.				III	CC3- Physiology and Biochemistry	Environment and Sustainability: All topics are relevant
15.					SEC A1- Apiculture	
16.				VI	DSE B2- Ecology and wild life Biology	