

**1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum
Cross Cutting Issue through syllabus**

Crosscutting issues	Department	Class	Semester	Paper Name	chapter name	Topic/ Theme
Professional Ethics	Microbiology	B.Sc. T Y	I	Reonationate DNA Technology	Unit IV	Ethical Issues of Genetic Engineering ,Professional Ethics ,Human values ,Envionment and sustainability
		BSc S.Y.	III	Envionmental Microbiology	Water Microbiology,	usefulness of water microbes foe ecosystem,Envionmental pollution
		BSc S.Y.	IV		Sewage Microbiology	useage of microbes
		BSc S.Y.	IV		Soil Microbiology	utility to save Ecosystem through microbes
Professional Ethics	Zoology	B Sc T Y Zoology	V	Zoology ZOL-501	1 Concept and terminology used in the ecology	Knowledge and importance of envionmental ,Ecological factors ,Envionmental Issues
		ZOL501	VI		2 Abiotic Envionmental Factors : Light , Temprature ,Adapation to salinity and moisture	Knowledge and importance of animal association ,Envionmental Issues
					,Interaction ,Association ,Competition ,Predation ,parasitism ,Mutualism	Study ,Knowledge and importance of different ecosystems ,Envionmental Issues
					4 Population :Concept ,Characterstics ,Growth Regulation	Abiotic to analyze mechanism and research work
					5 Community :Concept ,Structure Characteristics ,Community Succession	Envionmental awareness

					6 Study of Ecosystem ,Concept ,Component ,Food Chain ,,Food web ecological pyramids ,Brief Introduction to pond ecosystem ,Forest Ecosystem ,Desert Ecosystem	Envionmental Issues
Professional Ethics	Computer Science	B Sc F.Y.	I	Computer Fundamentals CMP 111	Internet ,Word Wide Web and Computer Security	Cyber security,Humanism
			I	Computer Fundamentals CMP 112	Memory Management	Facilities ,Professional Ethics
					Prose	
Human values	English	B Sc.F Y./B A F Y	I	Language Learning skills	Happy Prince - Oscar Wilde	Ethics,Humanism
		paper I			Good Manners -J C Hill	Gender,Humanism ,Ethics
					Eyes are not here -Ruskin Bond	Human values
					Forgetting -Roberet Lynd	Environment and sustainability
					Poetry	Ethics
					One Day I wrote her name upon -Edmund Spensr	Gender,Human Values
					Ode on solitudse - ALEXANDER Pope	Human values,Envionmental Issues
					If- Rudyard Kipling	Environment and sustainability
					My love is like red red rose - Robert Burns	Human Values ,Envionmental Issues
					Stoping by woods on a Snowy Evening -Robert Frost	Human Values ,Envionmental Issues
					Prose	,

Human values	English	B Sc I/B A F Y	II	Language Learning skills	The Bet -Anton Chekov	Human values
					The three question -Leo Tolstoy	Human values
					With the photographer - Stephen Leacock	Environment and sustainability,Humanism
					National Prejudice -Oliver Goldsmith	Ethics
					Gandhi	Gender
					Poetry	
					Where the mind is without fear by Rabindranath Tagore	Environment and sustainability,Humanism
					The solitary reaper -William Wordsworth	Envionmental Issues ,Sustainability
					Ozyamandias of Egypt -P B Shelly	Ethics,Human values
					Laugh and be Merry -John Masefield	Gender
					The Toys-Covetry Patmore	Human values
Human values	English	BA F Y	I &II	Reading Literature	Shakespears Sonnets ,Sonnet no 29,Snnet no 60,Sonnet no 73,Sonnet no 116 ,Sonnet no 130	Environment and sustainability
					John Keats odes	Ethics
					Ode to Nightingale ,Ode to Autumn ,Ode on Grecian Urn	Gender
					The Guide by R K Narayan	Human values
					Arms and the Man by G B Shaw	Environment and sustainability
						Ethics
						Gender
Human values	English	B A /B sc S Y	III &IV	Learning Language skills	Prose	

					The Importance of English - Mulk Raj Anand	Environment and sustainability
					How to make a Speech -Edgar I Baker	Ethics
					the Night Train at Deoli - Ruskin Bond	Gender
					The Conjuror's Revenge - Stephen Leacock	Human values
					Luncheon -W Somerset Maugham	Environment and sustainability
					Poetry	
					First Love -John Clare	Gender
					All the World ...-William Shakespeare	Human values
					Next please -Philip Larkin	Environment and sustainability
					Father Returning Home -Dilip Chitre	Ethics
					Dover BEACH -Matthew Arnold	Gender
Human values	English	BAS Y	III &IV	Literature in English 1550-1750	Bacon's Essay	Human values
					The Rime of Ancient Mariner - S T Coleridge	Environment and sustainability
					Far From the Madding Crowd -Thmos Hardy	Ethics
						Gender
Human values	English	BAS Y		Literature in English 1750-1900	Julius Caesar -William Shakespeare	Human values
					Robinson Crusoe -Daniel Defoe	Environment and sustainability

					Last Ride Together -Robert Browning	Ethics
					Importance of Being Ernest - Oscar Wilde	Gender
Human values	English	BAS Y	III &IV	Learning Language skills	Prose	Ethics
					How to avoid an Argument - Sam Horn	Gender
					The Avenger -Anton Chekhov	Human values
					On not Answering the telephoneW.Plomer	Environment and sustainability
					The Sporting Spirit -GeORGE Orwell	Ethics
					The old Man at the Bridge - Ernest Hemingway	Gender
					Poetry	Human values
					Gather Ye Rosebuds -Robert Herrick	Environment and sustainability
					Mirror-Sylvia Plath	Ethics
					SONNET 43-Elizabeth Barreick m	Gender
					Nobody Loves me -Albert Nimeth	Human values
					Night of the SCORPION - Nissim Ezekiel	Environment and sustainability
						Ethics
Human values	English	BAT Y	V &VI	Twentieth Century English Literature	T.S Eliot's Poem	Gender
					The Love Song of J Alfred Prufrock	Human values
					Preludes	Environment and sustainability
					Drama	Ethics

					Pygmalion -A Romance in Five Acts	Gender
					SONS and Lovers - D.H.Lawerences	Human values
					W.B.Yeats Poem	Environment and sustainability
					Easter 1916	
					The second Coming	Human values
					Among School Children	Human values
					Look back in Anger -John Osborne	Human values
					Lucky Jim -Kingsley Amis	Environment and sustainability
Human values	English			Indian Writing in English	The Boat Ride -Arun Kolhtkar	Environment and sustainability
					Tughlaq-Girish Karnad	Human values
					Samskara -U R Ananthmurthy	Human values
					Nissim Ezekiel's Poems	Human values
					Very Indian Poem In Indian English	Environment and sustainability
					Night of the Scorpion	Human values
					Drama	Environment and sustainability
					Silence the Court is in Session -Vijay Tendulkar	
	English	B Com S Y	III &IV	English for Entrepreneurs III &IV	All the syllabus contents	Professional Ethics
	English					Professional Ethics
						Environment and sustainability

		B com F Y	I &II	Written and Spoken Communication in English I&II	All the syllabus contents	Environment and sustainability
						Environment and sustainability
						Environment and sustainability
Human Values	English	B A/B.Sc/B ComII	II	A course in communicative English	Prose	Environment and sustainability
Human Values					Preamble Fundamental Rights and Fundamental Duties	Importance of Democratic values in human life
					How to Tell Stories -Mark Twain	style of writing
					How much land does a man Need -Leo Tolstoy	Greed and materialism is harmful for human life
					The Doll House -Catherine Mansfield	Rich and poor life
					Memorial Address to Education ...-Matatma Phule	Imortance of education ,Mahatma Phule has defended downtrodden
					Poetry	
					O Captain ! My Captain -Walt Whitman	Patriotism
					The Leach Gathherer -William Wordsworth	Resolution and independence
					Hope is the Thing with feathers -Emily Dickenson	Human life and hope
					The conversation on Magshar Night -Dalpat Chahvan	Sordid life of dalits in Indian society
					Money Madness -D H Lawrence	Greedy nature of human being

					Prose	
					Importance of English	Professional Ethics
					Of Society and Civilization - Thomas Paine	Humanism
					My Greatest Olympic Prize Jesse Owens	Importance of friendship
					The Pleasure of Ignorance - Robert Lynd	Ignorance is boon for human life, Human Values
					The Lottery Ticket-Anton Chekhov	Human values ,
					The Gift of Magi by O Henry	Human Values
					Poerty	
					To my Daughter -Balamani Amma	Human Values
					Amalkanti -Narendranath Chakrabarti	Human Values
					Woman -Hira Bansode	Human Values
					And the dream Bird -Sudhanya Tripura	Human Values
					Spring -Ezra Pound	Human Values
Human Values	English	B A/B.Sc/B.Com m F Y	I	A course in communicative English	Prose	
					The Essence of Democracy -B R Ambedkar	democratic values ,importance of democracy in India ,Human Values
					Orpheus and Eurydice - William Byron Forbush	Greek myth ,importance of love and our life parter, Human Values ,Ethics
					A tribute to the Budhha - Maharaja Sayajirao Gaekwad	Teaching of human values ,faith in religion ,protection, Human Values
					Spoken English and Broken English -G.B Shaw	Human Values

					Sir Isaac Newton -Nathaniel Howthorne	Life story of scientist and his curiosity behind discovery
					Poetry	Communication Skills
					A Prayer to my Daughter -W B Yeats	Human Values
					The Toys -Covetry Patmore	Human Values
					Night of the Scorpion -Nissim Ezekiel	Human Values
					Prose	
					India's Message to the world - Swami Vivekanand	Human Values
					Are the Rich Happy -Stephen Leacock	careful observation of rich people and in reality they are not rich
					I have Dream -Martin Luther King Jr	Human Values
					Gold in the Graveyard -Anna Bhau Sathe	Human Values
					Potery	
					Stopping by Woods..-Robert Frost	Human Values ,Envionmental Issues
					The tiger and Deer -Shri Arbindo	Arrogancy of dominated people on Innocent people ,Human Values
Human Values	English	B A II	III	Paper V - Literature in English I		Professional Ethics
					Introduction to types of literature	Professional Ethics
					British Literature	Professional Ethics
					American Literature	Professional Ethics
					Indian	Professional Ethics
					All the world a stage by William Shakespeare	Human Values

					Give all to love by Ralph Emerson	Human Values
					Freedom -Rbrinath Tagore	Human Values
					Text for- Study Drama	Professional Ethics ,Humanism
					Comedy of Errors -William Shakespeare	Human Values
					Text for- Study Fiction	Human Values
					I lay Dying -William Flaukner	traditional iseas ,idea of family ,death
Human Values	English		III	Paper VI - Literature in English II	Types of Literature in English	
					Canadian Literature	Human Values
					Australian Literature	To undsertand Australian literature
					African Literature	Human Values
					Drama	
					Strong Breed -Wole Soyinka	Human Values
Gender			IV	Paper VII - Literature in English II		
					Duchess of Malfi -John Webster	Human Values
					Utopia -Thomas More	Human Values
			IV	Paper VIII- Postcolonial Literature	Tomb of Sand	Human Values
Professional Ethics	Commerce	I I B Com F Y	All Topics of the Syllabus	IT APPLICATION IN BUSINESS – II	All Topics of the Syllabus	Professional Ethics
				IT APPLICATION	All Topics of the Syllabus	Professional Ethics

				IN BUSINESS – II		
		B Com s y	III	IT APPLICATION IN BUSINESS - III	All Topics of the Syllabus	Professional Ethics
		B Com s y	III	Goods and Service Tax Account - I	All Topics of the Syllabus	Professional Ethics
		B Com s y	III	IT APPLICATION IN BUSINESS - IV	All Topics of the Syllabus	Professional Ethics
		B Com s y	IV	IT APPLICATION IN BUSINESS - IV	All Topics of the Syllabus	Professional Ethics
		B Com s y	IV	Goods and Service Tax Account - II	All Topics of the Syllabus	Professional Ethics
		B Com T Y	V	IT APPLICATION IN BUSINESS -	All Topics of the Syllabus	Professional Ethics
		B Com T Y	V	Management Accounting - I	All Topics of the Syllabus	Professional Ethics
		B Com T Y	VI	IT APPLICATION IN BUSINESS - VI	All Topics of the Syllabus	Professional Ethics
		B Com T Y	VI	Management Accounting –	All Topics of the Syllabus	Professional Ethics
		B Com F Y	I	Book keeping and Accountancy ,Meaning Scope ,Classification	All Topics of the Syllabus	Professional Ethics

		B Com F Y	I	Depreciation :Annuity method and practical	All Topics of the Syllabus	Professional Ethics
		B Com F Y	I	3 Hire Purchase ststem and installment system		Professional Ethics
		B Com F Y	I	Financial Accounting	1 Accounting Principles and Accounting standards 2 Accounting of Non Trading Concerns 3 Departmental Accounting Branch Accounts	Professional Ethics
		B Com F Y	I	Bussiness Mathematics & Statistics I	1 Introduction of Statistics ,Primary Data & secondary data Analysis ,Measures of Central Tendency ,Measures of dispersion Skeswness ,Matrices	Professional Ethics
			III	Bussiness Mathematics & Statistics I	Corelations ,Regression ,Indecx number ,Probability and expected value	It deals with develop reseaning ability and professional etyhics ,variations of Index
						It deals with professional and social ethics
		B Com II	III	Corporate Accounting I	Issue and Forfeiture of share ,Re-issue of forfeited share	It deals with Human value & Professional Ethics
					Redemption of Preference share	It deals with Human values and Professional Ethics
					Redemption of Preference share	It deals with Values and professional ethics
					Redemption of debentures	It deals with Human values and Professional Ethics
					Final Account of Joint stock company	It deals with Values and professional ethics
					Profit prior to Incorporation	It deals with Values and professional ethics

				Corporate Accounting I I	Amalgamation of Joint Stock Company	It deals with Values and professional ethics
					Absorption of Joint stock Company	It deals with Values and professional ethics
					Reconstruction of Joint stock Company	It deals with Values and professional ethics
					Accounts of Holding company (With one subsidiary)	It deals with professional and social ethics
					Liquidation of Joint stock Company	It deals with Human values and Professional Ethics
		B COM I Y	V	Advanced Financial Accounting I	Singale entry Ststem	It deals with Human values and Professional Ethics
					Final Accounts of Banking Company	It deals with Human values and Professional Ethics
					Final Accounts of Insurance Company	It deals with Human values and Professional Ethics
					Investment Accounts	
		B Com T Y	V	Advanced Financial Accounting I I	Indian Accounting Standard	
					Farm Accounting	
					Final Account of Local self Government	
		B Com T Y	VI	MSME Management (Elective)	MSME'S Envionment in India	It deals with Human value ,gender & Professional ethics
					Financial Management of MSME	It deals with Human value ,gender & Professional ethics
					Setting up of MSME's	It deals with Human value ,gender & Professional ethics

					Marketing & HR Management in MAME,S	It deals with Human value ,gender & Professional ethics
					Institutional Assistance for MSME	Professional Ethics
		B Com T Y	VI	Advertising & Media of Advertising	Advertising & Media of Advertising	Professional Ethics
					Concept of Salesmanship	
					Process of selling & Sales promotion	It deals with Values and professional ethics
					Advertising Media	It deals with Values and professional ethics
					Advertising Agencies	It deals with Social Values & Professional Ethics
					Characteristics , Significance and Scope of Business Economics , Objective of Business Firms	Professional Ethics
			II	Business and Industrial Economics	Indifference Curve , Consumer Equilibrium, Elasticity of Demand,	Professional Ethics
		B.Com. I			Demand forecasting Methods	Professional Ethics
					Market Structure SEBI, FEMA	Human values ,
				Paper V	Small and medium Enterprises	It deals with Professional ethics
		B Com F Y		Business Organization and Management	Liberalisation & Globalization Social Responsibility &Ethics	It deals with Professional ethics
					Small and medium Enterprises	
					Liberalisation & Globalization Social Responsibility &Ethics	It deals with Professional ethics
					Forms of Business Organisation ,	It deals with Professional ethics
					International business, MNC	It deals with Professional ethics

					Management Organisation	It deals with Professional ethics
					Leadership, Motivation , Control, MM, FM.	It deals with Professional ethics
						It deals with Professional ethics
		B Com F Y	II	Paper III	Unit 1: Cost Accounting	It deals with Professional ethics
				Cost Accounting	Unit 2: Elements of Cost	It deals with Professional ethics
			II		Unit3: Material	It deals with Professional ethics
					Unit 4: Labour	It deals with Professional ethics
				Paper Iv	Single or output costing	It deals with Professional ethics
				Cost Accounting	Contract costing	It deals with Professional ethics
		B Com F Y	II		Operating costing or service costing	It deals with Professional ethics
					Process costing	It deals with Professional ethics
					Reconciliation	It deals with Professional ethics
		B Com F Y	III	Auditing	Auditing	It deals with Professional ethics
					Internal Check System	It deals with Professional ethics
					Vouching	It deals with Professional ethics
					Audit of Limited Companies	It deals with Professional ethics
					Auditor of Computerised System	It deals with Professional ethics
				Paper III	Income from Salary	It deals with Professional ethics

				Direct Taxes	Income from House Property	It deals with Professional ethics
		B.com S Y	IV	(B.com III)	Income from Business	It deals with Professional ethics
					Income from other	It deals with Professional ethics
						It deals with Professional ethics
				Paper VII	Entrepreneur concept characteristics functions	It deals with Professional ethics
		B.com S Y		Entrepreneurship development (B.com I)	2.Entrepreneurship concept characteristics functions importance challenge barriers of Entrepreneurship	It deals with Professional ethics
					3. Originating Theory of Entrepreneurship Economic Theory sociological theory	It deals with Professional ethics
					4 Types of Entrepreneurship Sociopreneur Edupreneur	It deals with Professional ethics
				Paper VII		
				Banking	1.An overview of banking industry	
		B Com s y	III		2.Commercial Banking	
					3.Reserve Bank of India 4Modern Banking in India	It deals with Professional ethics
				Paper IV		
				Business Regulatory Framework	1The Indian Contract Act1872 2Special Contract 3Sale of Goods Act 1930 4 Consumer Protection Act 1986 5The Right To Information Act 2005	It deals with Professional ethics
				(B.Com T Y)		

				Paper		It deals with develop reasoning ability & Professional ethics
				Entrepreneurship Development II	1 Market Research	
		B Com F Y	II	(B.Com F Y)	2 Innovation In Entrepreneurship	It deals with social values & Professional ethics
					3 Entrepreneurship in 21st Century	
					3 Entrepreneurship in 21st Century	It deals with social values & Professional ethics
					4 New Trends in Entrepreneurship	It deals with social value & Professional ethics
				Paper VII		It deals with Professional ethics
		B Com s y	IV	Insurance	1 Introduction to Insurance	It deals with Professional ethics
					2 Life Insurance	It deals with Professional ethics
					3 General Insurance	It deals with Professional ethics
					4 Insurance Agency	It deals with Professional ethics
					5 Recent Trends in Insurance Sector	It deals with Professional ethics
						It deals with Professional ethics
						It deals with Professional ethics
				Paper		It deals with Professional ethics
				Business Regulatory Framework II	1 Negotiable Instrument Act 2002	It deals with Professional ethics
		B Com T Y	V			

					2 Company Act 2013	It deals with Professional ethics
					The Securities And Exchange Board of India Act1992	It deals with Professional ethics
					Intellectual Property Rights	It deals with Professional ethics
		I			5 Concepts Of Miscellaneous Business Laws	It deals with Professional ethics
						It deals with Professional ethics
Professional ethics	Geography	B.A. T.Y.		Practical Geography	Introduction of Instrumental survey	Field survey using Chain and Tape ,Plane table and Prismatic compass.
	Geography	B.A.F.Y.		Practical Geography	Conventional signs and symbols of Map	Map interpretation skills for tourists
	Geography	B A T.Y.		Geography of Environment	Conservation of Natural resources	Natural Resources
	Geography	B.A.S.Y.		Climatology	Global warming and Green house gases effect	Global Warming
	Geography	B.A.S.Y.		Oceanography	Oceanic Resources, Oceanic water pollution.	Water Pollution
	Geography	B.A.F.Y.	I	I Physical Geography	Lithosphere	Understand the Earthquake precautions during earthquake and after the earthquake.
	Geography	B.A.F.Y.		II Human Geography	Man and Environment relationship.	Awareness about environment
	Geography				Social Profile	Ethics, Social groups of India and World.
	Geography	B.A.F.Y.	I	III Geography of Landform	Evaluation of Landforms and Action of river, Glacier,Wind and Oceanic Waves.	It deals with Professional ethics
	Geography		III	VI Climatology	Role of Climate in Human life	To understand the importance of climate in our

						life and aware about climate change.
	Geography	B.A.S.Y.	III	VII Population Geography	Population growth, distribution, Composition and Migration	Create the sense about problems of over population. Create the approach to slow the population growth rate.
	Geography	B.A.S.Y.	IV	VII Oceanography		
	Geography	B.A.S.Y.	IV	VII Oceanography	Hydrosphere, Oceanic resources, physical and chemical features	Oceanic water pollution, importance of oceanic resource
	Geography	B.A. T.Y.	VI	IX Settlement Geography	Problems of Settlement	Spatial organization, Size and characteristics of settlement
	Geography	B.A. T.Y.	VI	XII Geography of Environment	Environment and man interrelation	Understand the importance of environment for survival of human beings.
	Geography	B.A. T.Y.	VI	XIV Agricultural Geography of India	Agriculture and its various aspects.	To understand the cropping pattern in India and Problems of Indian agriculture.
	Geography	B.A. T.Y.	VI	XV Geography of Natural Calamity	Disasters management	To create the sense about disaster management
	Geography	B.A. T.Y.	VI	XVI Biogeography	Ecological Aspects	ecosystem, importance
Human Values	History					Social Audit
	History	B A I	I	History of Marathas (1630-1707)	social structure position of women Peshawar period	Human Values
	History	B A I	I	History of Ancient India (beginning to 320A.D.)	Ashoka and his dhamm	Human Values

	History	B.A.T.Y.	V	Third battle of Panipat		Human Values
	History	B.A.T.Y.	III	Vardhan dynasty	Harshvardhan	Human Values
	History	B.A.S.Y.	IV	History of Mughal India (A.D.1526- A.D.1757)	religious and social life	Human Values
	History	B.A.S.Y.	V	History of early India (up to 300)	religious moment Jainism and Buddhism	Human Values
	History	B.A.T.Y.	VI	History of Delhi Sultanat (1200-1526)	economy and social life	Human Values
	History	B.A.T.Y.	V	Fields of history	archaeology, museology, tourism	Human Values
	History	B.A.T.Y.	V	Landmarks in the history modern world	French revolution	Human Values
	History	B.A.T.Y.	VI	History of India (A.D.1757-1885)	Socio-religious reform movement	Human Values
	History	B.A.T.Y.	VI	Glimpse of the history of Marathwada	Religious movement	Human Values
	History	B.A. paper no. II	I	History of modern Maharashtra (1818-1905)	Professional ethics	Professional ethics
	History	B.A. paper no.XIII	VI	Fields of history	Gender	Professional ethics
	History	B.A. paper no.XV	VI		Human values	Professional ethics
	History				Professional ethics	Professional ethics
	History	B.A. term paper no. IV		Twentieth century Maharashtra 1905 to 1960	Professional ethics	

	History	B.A. paper no. IV	IV	Maharashtra (1905- 1960)	Professional ethics	Professional ethics
	History	B.A.Paper no.V	II	History of early India (up to BC 300)	Professional ethics	Professional ethics
	History	B.A.Paper no.X	V	History of Indian National movement (1885 -1947)	Professional ethics	Professional ethics
	History	B.A. paper no.XIII	VI	Fields of history	Professional ethics	Professional ethics
	History	B.A. paper no.XV	VI	History of marathvada	Professional ethics	Professional ethics
	History	B.A. paper no.XV	VI	Fields of history	Professional ethics	Gender
	History	B.A. paper no.XV	VI	History of marathvada	Professional ethics	Professional ethics
				History of India	Professional ethics	Professional ethics
				(BC300 -AD 650)History of India (BC300 -AD 650	Professional ethics	Professional ethics
Human Values	Public Add.	B A I		Indian Administration	Constitutional Framework	Human values
Human Values	Public Add.	B.A.T.Y.		Human Resourse Deveopment	Meanings of human resourse Deveopment	Fundamental Rights and Fundamental Duties
Human Values	Public Add.	B A I		Introduction to public Administration	Basic Premiso	Value Education
Human Values	Public Add.	B.A.T.Y.		Public Policy and Deveopment	Deveopment	Informal Organisation +63
Envionment	Public Add.	B.A.T.Y.		Recent treds in Public Administration	Important Laws	Sustanable Deveopment

Environment	Public Add.	B.A.T.Y.		Administrative Thinkers	Elton Mayo	Environment Act 2013
Ethics	Public Add.	B.A.S.Y.		Personnel Administration	Problem of Personnel Administration	Ecological Approach
	Public Add.	B A F Y ,Paper I		Introduction to public Administration	Unit I 1.1 Meaning nature and scope of public Administration ,Importance and Evolution of Public Addministration	Moral and Discipline
					Unit II Relation of public Addmnistration with political Science ,Public Add and Private Aadministration	Unit I 1.Principles of Organisation
		B A F Y Paper II		Introduction to public Administration	Unit I 1.Principles of Organisation ,1 Hierchy ,2 Span of Control ,3 Uniy of Command	Professional Ethics
					Unit 2 .Principles of Organisation 2.1 Co - ordination ,Decision Making ,Unit IV ,Administrative Behaviour , 4.1 All India Service ,1.2 Central & State Service	Professional Ethics
	Public Add.	PA ,Administrative Thinkers			,Morale ,Discipline ,Corruption	Unit I 1.Principles of Organisation
		PA ,Administrative Thinkers		,Administrative Thinkers	Elton Mayo ,Howthorne Expeirment ,F W Riggs Ecological Approach and prismatic Society	It deals with Professional ethics
		B A T Y Health Administration in India ,XIV		Health Administration in India ,XIV	Detreminant of Health ,Safe Drinking Water ,Nutrition	

		BA TY XV ,Recent Trends in Public Adm.,Imp. Law		BA TY XV ,Recent Trends in Public Adm.,Imp. Law	Important laws ,Environment Protection Act 1986	
		BA F Y ,Indian Administration		UNIT I Constitutional Framwork ,Fundamental Rights ,Derivates Principles of state Policy		Envionmenal
				Fundamental duties		
				UNIT II Union Government ,3 .1 Presedent ,3.2 Prime Minister ,3.3 Lok Sabha 7 Rajya Sabha	UNIT II Union Government ,3 .1 Presedent ,3.2 Prime Minister ,3.3 Lok Sabha 7 Rajya Sabha	
		BA FY PAPER IV ,Indian Administration		Unit II Union State Relation ,2.1 Legislation ,2.2 Execution ,Financial	Unit II Union State Relation ,2.1 Legislation ,2.2 Execution ,Financial	It deals with Professional ethics
					Unit IV Citizen State Inter face : 4.1 Right to Information ,4.2 Public Grivances ,Citizen Charter	It deals with Professional ethics
		PB A S Y		Panchayat Raj and Rural Deveopment	Panchayatraj system	It deals with Professional ethics
	Sociology	BAI F Y ,Paper I	I	Introduction to Sociology	Culture,Inquality ,social excusion	Humanism ,Human values
		BA F Y ,Paper III	II	Basic concepts in sociology	Social change	Humanism ,Human values

		BA F Y ,Paper IV	II	Transformation in Social Institution	Marriage Institution ,Family Institution	Humanism ,Human values ,Gender
		BAI F Y ,Paper II	II	Individual and Society	Individual and Society	Humanism ,Human values ,Gender
		BA S Y ,Paper IV	IV	Problems of Rural India	Institutional Issues	Human Values
					Women Violence	Profesional Ethics
					Rural Women status	Humsn Values
					Dowry	Professional Ethics
		BA S Y	III	Deveopment of Sociology	Deveopment of Sociology	Human Values
					Activities on Deveopment ,Susitanable Deveopment	Human Values
		BAIF Y ,Paper I	I	Social Institute	Contract Marriage	Human Values
					Intercaste Marriage	Human Values
					Live in Relationship	Human Values
				Individual and Society	Individual and Society	It deals with Professional ethics
	Home Science	BA T Y		Human Geography	Physical and social profile	Society ,culture and Socialisation
		B A F Y	I	I -Family Resource	Resource Management, Money	Social Values,
				Management	Management, Consumer Education	Environment and
			I	II-Food and	Food , Nutritional, significance of	It deals with Professional ethics
				Nutrition	Different Food Group, Nutrition,	It deals with Professional ethics
					Nutrients	It deals with Professional ethics
				III-Human	Human Development, The beginning of	Values, Environment and

				Development	new Life, Period of infancy to early	Sustainability.
				(Infancy and	childhood, Childhood Problems	Gender, Human, Social
				Childhood	childhood, Childhood Problems	Gender, Human, Social
						Values, Environment and
				IV-Textile and	Textile Fiber, finishing process methods,	Sustainability.
				Clothing (Clothing	clothing construction, Embroidery	Gender, Human, Social
				Constriction)		Values, Environment and
						Sustainability.
						Gender, Human, Social
						Values, Environment and
						Sustainability.
			I		I -Family Resource	Professional Ethics
					Management	Gender, Human, Social
				Food and Nutrition (	Weights & measure of raw & cooked	Values, Environment and
				Practical)	foods, Market price, Planning &	Sustainability.
					Preparation from food recopies ,nutrient	Gender, Human, Social
					rich recipe, Survey regarding, food	Values, Environment and
					packaging, labeling	Sustainability.
						Gender, Human, Social
				III-Human	Human Development, The beginning of	Values, Environment and
				Development	new Life, Period of infancy to early	Sustainability.
				(Infancy and	childhood, Childhood Problems	Gender, Human, Social

			Childhood)		
			IV-Textile and	Textile Fiber, finishing process	Gender, Human, Social
			Clothing	clothing construction,	Values, Environment and
			(Clothing	Embroidery	Sustainability.
			Constriction)		
			Textile and	Basic stitches,Fabric Painting,	Gender, Human, Social
			Clothing	Drafting,	
			(Practical)	Cutting and stitching of the	Values, Environment and
				garments.	Sustainability.
		PB A S Y			
			V-Extension	Extension Education,	Gender, Human, Social
				Extension Models	
			Education	and Method, Community	Gender, Human, Social
				Organization,	
			VI-Textile and	Dyeing & printing,	Values, Environment and
				clothing management,	Sustainability.
			clothing	Care of household clothing	
			(Garment		Gender, Human, Social
			Designing and		Values, Environment and
			Printing)		Sustainability.
			Textile and	Cloth Painting, Construction of	Professional Ethics
			Clothing	Garments	
			(Practical)		
					Gender, Human, Social
					Values, Environment and
					Sustainability.
			Child	Late Childhood, Parent and	Gender, Human, Social
			deveopment	child	
			(Late		
			Childhood and	relationship. Characteristics,	Values, Environment and

			Adolescent)	developmental task, Problems in	Sustainability.
				adolescence	Gender, Human, Social
			VIII-Food and	Digestive system, Energy,Meal planning,	Values, Environment and
			Nutrition	Food preservation, Food poisoning	Sustainability.
			Food and Nutrition(	Planning and Preparation of diets, Salad	Professional Ethics
			Practical)	Decoration, Food Preservation, Food	Professional Ethics
				Adulteration	Professional Ethics
		B.A.T.Y	IX-Marriage and	Marriage and Family Dynamics,	Gender, Human, Social
			Family Dynamics	Adjustments, Parenthood, and family	Gender, Human, Social
				crisis,Laws related to women	Gender, Human, Social
					Values, Environment and
			X-Housing and	Housing, Lighting and Ventilation,	Sustainability.
			Interior Decoration	Furniture Arrangement, Home Furnishing	Values, Environment ,Human values
			Housing and Interior	Draw a House plan, Making curtan,	Values, Environment ,Human values
			Decoration (	Preparation of any decorative article	Gender, Human, Social
			Practical)		Values, Environment and
					Sustainability.
			XI-Nutritional	Healthand Nutrition,Food habits,Diet	Values, Environment ,Human values
			Management in	Therapy,Dietary management	Values, Environment ,Human values

				Health and Disease.		Values, Environment ,Human values
				Nutritional	Planning and preparation of therapeutic &	Values, Environment ,Human values
				Management in	modified Diet, preparation of diet,	Gender, Human, Social
				Health and Disease(	Regional cookery	Values, Environment and
				Practical)		Sustainability.
				XII-Project Work	Selection of research Topic,, Significance	Professional Ethics
					of the project , Objectives of the project.	Professional Ethics
				XIII-Human		
				Development	XIII-Human Development (Adulthood,&	Gender, Human, Social
				(Adulthood,&am p; Old age)	Old age)	Values, Environment and
						Sustainability.
				XIV- Fundamentals	Introduction to foundation of Art, Colour	Professional Ethics
				of Art and Design	Scheme, Flower Arrangement,	Professional Ethics
				Fundamentals of Art	Color Schemes, Material used for flower	Gender, Human, Social
				and Design (	arrangement, Floor Decoration,	Values, Environment and
				Practical)	Preparation of Accessories for interior	Sustainability.
					Decoration	
				XV- Communication	Communication Process in Home Science	Gender, Human, Social
				Process in Home	Methods Communication, Leadership	Values, Environment and

				Science		Sustainability.
				XV-Communication	Communication Process in Home Science	Professional Ethics
				Process in Home	Methods Communication, Leadership	Professional Ethics
				Science		
						Gender, Human, Social
				Communication	Preparation and write up of Audio Visual	Values, Environment and
				Process in Home	Aids, Preparation of PowerPoint	Sustainability.
				Science (Practical	Presentation	
						Gender, Human, Social
				XVI-Project Work	Selection of research Topic,, Significance	Values, Environment and
					of the project , Objectives of the project,	Sustainability.
					writing of research project, Data analysis	
	Marathi	B A F Y		Marriage and Family Dynamics	Lawsfo women and family ,childmarriage,DomesticVoilence	Racial Ethical ,group,Tribal Group
				Natyatmak Sahitya	<i>Upare</i>	welfare of woman
					<i>Yatana Utsav</i>	life of old people
					<i>Fatlela Patang</i>	Description of explioted society and downtrodden society ,their pathetic condition
	Marathi	BA T Y			<i>Chingi Mahinyachi Zali ho</i>	futility of human pride
				Madhyayugin Marathi	Sant Chokhamela	Dreamysituation of human mind

			Vangmayacha Itihas		
				Sant Janabai	Manavmukticha Itihas
				Sant dnyaneshwar	Revolutionary thoughts about women
				Sant Namdev	massage to humanity
				sant Tukaram	Teaching of humanis through Bhagwat Samprday
					Importance of Nature
	Marathi	B. A .F. Y .SL		<i>Sant Ramdas Swami</i>	
			भारतीय भाषा : मराठी - (भाग - 1)(मायबोली) Poetry -Sem I	१) वचन	Importance of Nature, humanism
				२) इयें मन्हाठिचिये नगरी	महात्मा बसवेश्वर यांच्या वचन साहित्यातून समतावादी विचार अभिव्यक्त होतात. Humanism
				३) अवघा रंग एक झाला	संत ज्ञानेश्वरांनी आपल्या अभंगाच्या माध्यमातून मराठी भाषेचे महत्त्व सांगितले आहे. Professional Ethics
				४) पतित तू पावना	संत सोयराबाई यांनी आपल्या अभंगातून भक्त आणि भगवंत यांच्यातील नाते उलगडून दाखविले आहे. Human Values
				५) बाजार	पांडुरंग किंवा विठ्ठल पतित पावन आहे. Humanism
				६) चित्त शुध्द तरी	बाजार या भागातून संत एकनाथांनी संत संगतीचे महत्त्व वर्णन केले आहे. Human Values

					ईश्वर प्राप्तीसाठी व्यक्तीचे अंतकरण शुद्ध असावे हा भाव तुकाराम व्यक्त करतात,Humanism
				७) चंदनाचा संग लाधलिया वृक्ष	
				८) फटका	संत बहिणाबाई यांनी प्रस्तुत अभंगातून संत संगतीचे महत्त्व विशद केले आहे.Humanism
				९) तयास मानव म्हणावे का?	शाहीर अनंत फंदी आपल्या फटक्यातून सर्वसामान्य माणसाला जीवन जगताना सदवर्तन आणि जगा असा उपदेश करतात.Humanism
				१०)आम्ही कोण	सावित्रीबाई फुले आपल्या कवितेतून विद्येचे महत्त्व विशद करतात.Humanism
				११) देव दिसला,देव कुठे?	केशवसुत आपल्या कवितेतून कवी आणि कलावंत यांच्या स्वातंत्र्याचा उद्घोष करतात.Humanism
Human Values				१२) फुलराणी	देव किंवा ईश्वर प्राप्त करून घेण्यासाठी मानवी जीवनात त्याग महत्त्वाचा आहे.Humanism
Marathi			भारतीय भाषा: मराठी -(भाग-1)(मायबोली) Prose -Sem I	मराठी ग्रंथकार सभेस पत्र	कवी बालकवी यांनी फुलराणी वर चेतनागुणोक्ती अलंकाराच्या माध्यमातून कळीचे फुलात होणारे रूपांतर अनोख्या पद्धतीने व्यक्त केले आहे.Environmental Issues

Human Values					स्त्री -पुरुष तुलना	सामाजिक क्रांतीचे जनक महात्मा ज्योतिराव फुले शूद्र - अतिशूद्रांच्या विकासाचा ध्यास आपल्या लेखनातून नेहमी घेतात.Humanism
					शील व सौजन्य	ताराबाई शिंदे आपल्या विवेकनिष्ठ भूमिकेतून भारतीय संस्कृतीवर असून ओढण्याचे काम करतात. स्त्री पुरुष समानतेचा आग्रह धरतात.Women Empowerment
					कला व जीवन	बाबासाहेब आंबेडकर आपल्या भाषणाच्या माध्यमातून मानवी जीवनातील शील व सौजन्य यांचा पुरस्कार करतात.Humanism
					डोळे	मानवी जीवन सुंदर मधुर आनंदी करण्यासाठी व्यक्तीने कला जोपासली पाहिजे, अशी शिकवण साने गुरुजी देतात.Huaman Values
				भारतीय भाषा: मराठी (भाग-२) (मायबोली) Poetry-Sem. II	1.या झोपडीत माझ्या	अण्णाभाऊ साठे आपल्या कथेतून 'गीता' या नायिकेची शोकांतिका व्यक्त करतात.Human Values
	Marathi				2.प्रार्थना	मानवी जीवनात भौतिक सुखापेक्षा आत्मिक सुख महत्त्वाचे आहे असा उपदेश

					तुकडोजी महाराज आपल्या कवितेतून करतात.
				3. भीमा, तुझ्या मताचे	मानवी जीवनामध्ये महापुरुषांच्या विचारानुसार प्रत्येकाने आचरण करावे, अशी अपेक्षा कवी कुसुमाग्रज आपल्या कवितेतून करतात.Humanism
				4. सांगा कसं जगायचं?	वामनदादा कर्डक यांनी आपल्या गीतातून डॉ बाबासाहेब आंबेडकर यांच्या विचारांवर आधारित जीवन जगण्याचा सल्ला दिला आहे.Humanism
				5. आल्या जुळून तारा	जीवन जगत असताना प्रत्येकाने सकारात्मक दृष्टिकोन स्वीकारून जीवनावर समरसून प्रेम करावे व आनंदी जीवन जगण्याचा संदेश अभिव्यक्त केला आहे.Humanism
				6. समाधान	सुहासिनी इलेंकर आपल्या कवितेतून निसर्ग प्रतिमांच्या माध्यमातून विरह जाणीव अतिशय सयंत स्वरूपात आपल्यासमोर मांडतात. मांडतात,Environmental Issues
				7. जीवनाचा शोध घेताना	कवीने बहुजनांची आणि शेतकऱ्यांची मुलं राजकारणात गेली उच्च पदावर गेली याबद्दल

					समाधान व्यक्त केले आहे.Human Values
				8. शिकवण.	कवीने आपल्या कवितेतून निसर्गातील समानता या सूत्रावर लक्ष केंद्रित केले आहे.Human Values
				9. कळा सोसतांना.	कवी आपल्या कवितेतून महिलांच्या प्रगतीचा आणि त्यांच्यावर होणाऱ्या संस्कारांचा प्रांजळपणे विचार करतो आहे .Women Empowerment
				10. जीवाचा आटापिटा.	या कवितेतून कवी जगदीश कदम निर्मितीचा आनंद व्यक्त करतात.Human Values
				11. बाप म्हणायचा.	जीवन जगत असताना जात धर्म पेक्षा मानवता धर्म हाच श्रेष्ठ आहे, ही शिकवण या कवितेतून मिळते.
				12. युद्ध.	या कवितेतून शेतकरी बापाच्या विशाल मनाचे दर्शन घडते. बापाची राणी मात्रा विषयी असणारी आपुलकी आणि मुलावर करण्यात येणारे नीती संस्कार यावर भाष्य केले आहे.
			भारतीय भाषा: मराठी (भाग-२) मायबोली. Prose.Sem II		कवी आपल्या कवितेतून राष्ट्रीय एकात्मतेचा आग्रह धरतात.
				ज्ञात -अज्ञात अहिल्याबाई होळकर	

					खोप	या लेखातून अहिल्याबाई होळकर यांच्या कार्यशैलीवर प्रकाश पडतो. लोक कल्याणासाठी त्यांनी केलेला राज व्यवहार याचेही दर्शनी आपणास होते. Humanism
					बिनदरदी	या कथेतील लक्ष्मण हा शेतकरी आणि त्याच्या जीवनाची शोकांतिका यावर लेखकाने प्रकाश टाकलेला आहे. Humanism
					क्लोरोफिल	या ग्रामीण कथेतून चुकीच्या उपचारामुळे बैलाचा झालेला मृत्यू, जनावरांच्या सरकारी दवाखान्यातील डॉक्टरांची विकृत मानसिकता यांचे दर्शन घडते.
					निश्चळ डोंगरगाव, प्रेमळ माणसं.	संशोधन देण्यासाठी वाहून घेतलेल्या संशोधक आणि त्याचे पर्यावरणवादी विचार आपल्या प्रत्याला येतात.
				निवडक कथा (कथार्थ)	लॉरी बेकर	प्रस्तुत उताऱ्यातून अनाथ व्यक्तीला आधार देणाऱ्या प्रेमळ माणसांचे चित्रण आलेलं आहे.
				निवडक कथा (कथार्थ)		Importance of Cleanliness in Human Life
					मला नको जा बायको.	
					चैज	मोरयाच्या वर्तनातून विनोदातून सांस्कृतिक मूल्य जोपासण्याचा

					प्रयत्न दिसून येतो.Human Values
				पानबळी	चैत्र या कथेतून भारतीय संस्कृती आणि महिलांची मानसिकता प्रत्ययाला येते.Women Empowerment
				अल्पभूधारक.	दुष्काळ पडल्यानंतर पाण्याअभावी नवीन जीवाचा बळी कसा जातो याचे वर्णन येते.Envionmental Issues
				शल्य	चिंतामण आणि शेवंता या अल्पभूधारक शेतकऱ्याची जीवन व्यथा या कथेतून जाणवते.Human Values
				जाणीव.	ज्योती, ही आपल्या बाळाला वाचवू शकत नाही.
				शिक्षण बॉब मारतय.	अमित आणि प्रियंका यांचे भाव विश्व उलगडून दाखविले आहे.
				मेंदूची बाळ.	भारतीय संस्कृतीत जातीयतेच्या नावाखाली होणारा नवशिक्षितांचा कोंडमारा मारा व्यक्त केला आहे.
				रडणारी म्हातारी संध्याकाळ.	वैज्ञानिक दृष्टिकोन रुजविण्यासाठी प्रयत्न केलेला आहे.
				विद्रोह	हिंदू आणि मुस्लिम संस्कृती विषयी भाष्य केले आहे.

	Marathi					भंगी या जमातीच्या चित्रणातून स्वातंत्र्य आणि समता या मंत्राचा पुरस्कार केला आहे.
				निवडक ललित गद्य. (ललित गंध)		
					पैस.	Human Values
					गांधी आमचा कोण लागतो?	भारतीय संस्कृतीत असणारे संत ज्ञानेश्वरांचे महत्त्व आणि कार्य अधोरेखित केले आहे.Humanism
					विघ्न संतोषी.	महात्मा गांधींच्या विचारांचा जागतिक प्रभाव नोंदविलेला आहे.Humanism
					महाविद्यालयातील विद्यार्थ्यांस पत्र.	डॉक्टर थॉमस यांचे आत्महत्या विषयक कार्य नमूद केले आहे.Humanism
					वन्यजीव निरीक्षणाची किमया.	महाविद्यालयीन जीवन जगत असताना कोणते गुण संपादन केले पाहिजेत, याविषयी भाष्य केले आहे.Humanism
					औरंगाबाद: महाराष्ट्रातील दिल्ली.	Humanism
					अरण्यातील आत्मभान.	औरंगाबाद शहराची ऐतिहासिक ओळख आणि सांस्कृतिक मूल्य आपल्यासमोर ठेवली आहेत.Humanism
					आपली फुलण्याचीही आणि फुलवण्याचीही क्षमता ओळखू.	महाविद्यालयीन शिक्षक आणि विद्यार्थी यांच्या नात्यावर प्रकाश टाकलेला आहे.Humanism

					यशवंतराव: साधे, सुसंस्कृत,मायाळू-	जीवन जगत असताना आत्मविश्वास आणि सकारात्मक दृष्टिकोन खूप गरजेचा आहे.Humanism
					बा शेतकऱ्या उठ!-	महाराष्ट्राचे पहिले मुख्यमंत्री यशवंतराव चव्हाण यांचे कार्य आणि प्रेरणादायी व्यक्तिमत्व उलगडून दाखविले आहे.Human values
						साने गुरुजींनी या लेखातून शेतकऱ्यांच्या प्रश्नावर विचार मंथन केले आहेHumanism
Professional Ethics	Marathi	प्रथम वर्ष opt पे I		अभंग अविष्कार	संत ज्ञानेश्वर , संत नामदेव, संत गोरा कुंभार, संत सेना न्हावी, संत चोख मेला,संत जनाबाई,संत एकनाथ, संत तुकाराम	Human values
Human Values		प्रथम वर्ष opt पे I		निवडक मराठी आधुनिक कविता	ना.धो.महानोर, अनुराधा पाटील, इलाही जमादार प्रज्ञा दया पवार,श्रीकांत देशमुख,सौमित्र कल्पना दुधाल	संताच्या चळवळी णे तत्कालीन समाजाच्या पारलौकिक कल्याणाची भूक शमवून समाजात समता,सदाचार रुजविला. सर्वच संतानी धर्मसुधारक आणि समाजसुधारक म्हणून कार्य केले.कविता ही समाजाच्या कळवल्याचे आणि समाजोद्धाराचे एक साधन होती,Human Values

		द्वितीय वर्ष opt पे 4	आधुनिक मराठी वांगमयचा इतिहास	धार्मिक प्रभोधानाच्या चळवळी, महात्मा फुले निबंधमाला	व्यक्ती आणि समाज या दोन्ही स्तरावरील मानवी संवेदनशीलतेला अस्वस्थ करणाऱ्या समकालीन वास्तवाचे अंतरंग उसवणारी काव्यात्मक अभिव्यक्ती या कवितांच्या केंद्रस्थानी आहे. भोवतालचे भावविश्व त्याची पडझड,विस्कात्लेपण,मानुस्पना चा झगडा स्त्रीत्वाचा आत्मशोध कृशियन्य संश्रीती व जगण्याला व्यापणाऱ्या महानगरीय जाणीवा ,Empowerment
		द्वितीय वर्ष opt पे 7	आधुनिक मराठी वांगमयचा इतिहास	नात्यावानमय स्वरूप,काव्य,चरित्रे,आत्मचात्रीत्रे	धार्मिक प्रभोधानाच्या चळवळीने समाजातून जागृत झाले. तत्कालीन मराठी जनतेत राष्ट्रभिमान, स्वदेश, स्वधर्म, स्वभाषा विषयी जागृती निर्माण करण्यात आली. फुलेनी बहुजन समाजाच्या उद्धारासाठी लढा उभारला.मानव मुक्तीचे नवे पर्व सुरु झाले स्त्रीशिक्षण पाया रचला स्त्री पुरुष समानता अस्पृशता निवारणाचे कार्य
		द्वितीय वर्ष SL पे 3 & 4	गद्यपद्य व उपयोजित आकलन मराठी	चिपाड, मिर्गीपेर, गायरान, भूक, पाचाट्या मुलखले, छत्रपती शिवाजी महाराज कार्य व स्वरूप, बिरसा, निष्कर्ष, मरणान डाव साधला नशिबान हात दिला	नाटकाच्या मधून तत्कालीन सामाजिक प्रश्नांचा उहापोह स्त्रियांचे प्रश्न त्याची उकल, जुन्या चालीरीतेचे दुष्परिणाम,

					फार्स,स्वातंत्र्य समता बंधुता यांचा उद्धोष
		तृतीय वर्ष पे.10	भाषा विज्ञान	भाषेची वैशिष्ट्य, मानव व प्राणी, भाषेतील फरक, भाषेच्या विविध बोली व त्याचे स्वरूप.	माणूस व माती ,पाणी उत्कट नाते निसर्ग हसला तरच माणूस हसतो ग्रामीण जीवन दैनंदिन सुखदुखे हळवे क्षण तीव्र स्वर या सर्वांचे माती पाणी व माणूस यांच्याशी नातेशिवरायांनी वृक्ष संवर्धन व जलाशयाचे महत्व प्रतिपादन केले
		तृतीय वर्ष पे.14	व्याकरण आणि निबंध	वाणमयीन निबंध लेखन	मराठीच्या विविध बोली हे प्रमाण भाषेचेच एक सर्वांग सुंदर रूप आहे बोलीचे रूप जाणून घेवून त्याचा आदर करावा बोलीत किंवा भाषेत श्रेष्ठ कानिष्ठत्व माणू नये. सर्व बोली म्हणजे भाषा भगिनी आहेत.
Enviornment & Sustainability		तृतीय वर्ष पे.11	मध्ययुगीन मराठी ,वाणमयाचा इतिहास	वारकरी संप्रदाय व त्यांचे कार्य	निबंधाच्या विविध विशायामधून मानवी मूल्यांचे संस्कार करता येतात Human Values
		तृतीय वर्ष पे.15	मध्ययुगीन मराठी ,वाणमयाचा इतिहास	संत ज्ञानेश्वर,संत जनाबाई, संत रामदास, सावता माली, नरहरी सोनार.	संत रामदास स्वामिनी जलाशय उप्वानाचे महत्व प्रतिपादन केले आहे.Human Values

						वृक्षवल्ली आम्हा सोयरे वनचरे, संत तुकाराम, मोरोपंतांच्या केकावालीचे सौंदर्य शाहिरी रचनेतील निसर्ग सौंदर्य समाज जीवन दर्शन लोकजागरण लोकरंजन समन्वय.Environmental Issues
Human Values	Hindi	BA T Y Opt	V & VI	Pradeshik Bhasaha Sahitya	<i>Paraya -Lakshman Mane</i>	
		BA T Y Opt	V & VI	Madhykalin Kavita	<i>Sant Namdeo ,Pad</i>	Depiction of Lower caste
					<i>Sant Surdas ke Pad</i>	Devotion ,ethic ,human values ,devotion
					<i>Sant Tulsida Pad</i>	Vatsalya ,bhakti ,love ,v
						Bhakti ,Rambhakti ,Hanuman Stuti
Professional Ethics		B A F Y opt	I	Aadhunik Kavita Paper	<i>Viro ka kaisa vo vasant</i>	Professional Ethics
						Depiction of fearless women in India
		BA,BSc,Bcom F Y SL		Samanya Hindi	Pus ki Rat -Premchanu	Humanism
					Mamata -Jayshankar Prasad	Humanism
					har ki jit -Sudarshan	depiction of Love ,devotion,nonviolence ,sacrifice ,humanism
					Tisari Kasam -Faneshwar Renu	Humanism
					Aarda -Mohan Rakesh	selfless love
					Aarda -Mohan Rakesh	Humanism
						Humanism

Professional Ethics		B A F Y opt		Hindi kavita	<i>Viro ka kaisa vo vasant</i>	
				Mdhyayugin kavita	Kabir ke dohe	Depiction of fearless women in India
				Kavi RAHIM	Sant mirabai	Humanism
					Kavi RAHIM	Humanism
					Makhanlal Chaturvedi ,Pushp ki ABHILSHA	Ethics ,
					Maitheli Sharangupt ,Shiksha Ki Aavastha	Patritism ,pride of nation ,sacrifice devotion
Professional Ethics		B A S Y opt		Kathetar Gadya	Ramvruck Dini puri ,Rihayee	Condition of Indian education system ,human values
					Rmkumar Varma ,MAHATMA Gandhi	Patriotism
				Dirghotrari Kavita	Bhumija khand	Human Values ,morals ,ethics
Professional Ethics		B A S Y	II & IV	Paper V Kathetar Gadyasahitya & Aadhunik Hindi Kavita	Gadyaprabha -Dr Aalok Gupta	Human Values ,morals ,ethics
					1 Tyagmurthi Nirala -Shivpujan Sahay	Human Values ,morals ,ethics
					2 Huean Sang -AA Ramchandra Shukla	Human Values ,morals ,ethics
					3 Bharatiy Sanskruti -Dr Rajendra Prasad	Human Values ,morals ,ethics
					Vi charo kee sammukh ek Nai Samsya -Aa Narendra Dev	Human Values ,morals ,ethics
					5 Jivan ka Vyavsay -Mahadevi Varma	Human Values ,morals ,ethics
					6 Fanishwarnath Renu -Nagarjun	Human Values ,morals ,ethics
					7 Holi aur Onama -Dr N E Vishwanath Aayyar	Human Values ,morals ,ethics
					8 Ve Bahadarise Bike -Harisankar Parsai	Human Values ,morals ,ethics

					9 Jaunpur ka ek Asadharan Purush - Amrutlal Nagar	Human Values ,morals ,ethics
					10 Sukha -Kashinath Singh	Human Values ,morals ,ethics
					11 Nadiya Gahri Nav Purani - Amrutlal Vegad	Human Values ,morals ,ethics
					12 Amliy Varsha -Vishvvyapi Khatara - N Manivaskam	Human Values ,morals ,ethics
					Gadygaurav -I Ra Swami	Human Values ,morals ,ethics
					1 Banasidas Chaturvedi - Hajariprasad Dvivedi	Human Values ,morals ,ethics
					2 Ramvrukshabenipuri -Rihai	Human Values ,morals ,ethics
					3 Ramkumar Varma -Mahatma Gandhi	Human Values ,morals ,ethics
					4 Kahnyalala Mith Prabhakar - Shahadat Jindagi ke Prabhav me	Human Values ,morals ,ethics
					Mahadevi Varma -Nirala Bhai	Human Values ,morals ,ethics
					6 Aamrutlal Nagar -Yashpal Bada thos Aadami Hai	Human Values ,morals ,ethics
					7 Harishankar Parsai -Muktibodh	Human Values ,morals ,ethics
						Human Values ,morals ,ethics
					Chunihui Hindi ki Lambi kavitaye - Govind Prasad	Human Values ,morals ,ethics
					1 Aasu -Jayshankar Prasad	Human Values ,morals ,ethics
					2 Bairagi Aaya hai gao - -Liladhar Mandloi	Human Values ,morals ,ethics
					3 Ek Shabad Tinaka -Udayprakash	Human Values ,morals ,ethics
					4 Aamar Koli -Liladhar Jugadi	Human Values ,morals ,ethics
					Bhimija -Vaidyanath Mishr Nagarjun	Human Values ,morals ,ethics
			V & VI		Sahityashastra I	Professional Ethics ,Human values 'Sustanability
Professional Ethics		B A T Y			Sahity ka Sawrup ,Hetu ,Prayojan ,Shabdshakti ,Rasvichar	Professional Ethics ,Human values 'Sustanability

						Professional Ethics ,Human values 'Sustanability
					Sahityashastra II	Professional Ethics ,Human values 'Sustanability
					aAlankar ,Chhand ,Aalochana Swarup aur Bhed	Professional Ethics ,Human values 'Sustanability
						Professional Ethics ,Human values 'Sustanability
Professional Ethics		B Com S Y	III & IV	Sampreshanmulak Vyavsayik Hindi - Madhav Sonttakke		Professional Ethics ,Human values 'Sustanability
					Bhasha aur Bhasha Shikshan	Professional Ethics ,Human values 'Sustanability
					Prayojanmulk Bhasha Aur Hindi	
					Vyavsay Sampreshan	Human Values ,morals ,ethics
Professional Ethics		B A T Y	V & VI	Hindi Sahitya Itihas Lehan Strot yovam Parampara	Aadikal	Professional Ethics ,Human values 'Sustanability
					Bhakti	Professional Ethics ,Human values 'Sustanability
					Ritikal	Professional Ethics ,Human values 'Sustanability
						Human Values
Professional Ethics		B A T Y	V & VI	Aadhunik Hindi Sahityaka Itihas	Kavya SAHITYA	Human Values
					All the contents of Syallabus	
					Gadhya Sahitya	Human Values
					All the content of the syallabus	Professional Ethic
						Gender ,Human Values
Professional Ethics		B A T Y	V	Pradeshik Bhasha Sahitya	Shanti -V S Khandekar	Human Values ,morals ,ethics
					All the contents of Syllabus	Human Values ,morals ,ethics
					Katha Dvadshi	Human Values ,morals ,ethics
Professional Ethics		BA F Y	I	Samanya Hindi S.L.	All the contents of Syllabus	
			II		Padya Sahitya	Human Values

					All the contents of syllabus	Human Values
Professional Ethics		B Com F Y	I	Samanya Hindi	Katha Dvadashi	Envionmental contents
					All the contents of syllabus	Human Values ,morals ,ethics
					Pdya Sahitya	Professional Ethic
						Human Values
					All the contents of syllabus	Human Values ,morals ,ethics
						Human Values ,morals ,ethics
Professional Ethics		B Sc F Y	i	Samanya Hindi	Katha Dvadashi	Professional Ethic
					All the content of syllabus	Gender
						Human Values
Professional Ethics		B A F Y	I	(opt) Hindi paper II	Aadhunik Kavita	Human Values
					All the contents of syllabus	Humanism
				(opt) Hindi Paper IV	Padya Parimal	Professional Ethic
			II	Madyayugin Kavita		Gender
						Human Values
						Envionment
						Sustanability
		B			Vanijya Vyavsay Aur Hindi	Human Values ,morals ,ethics
Professional Ethics	Political Science	BA F Y ,Paper I	I	Principles of Political Science	Political Science ,Meaning ,Nature, Scope	
Professional Ethics					State ,Government ,Sovereignty	Priciples of Political Science
		BA S Y Paper III	I	Indian Government and Politics	Indian Constitution	Types of Governement
					Constitutional Provision	Human Values in Cnstitution ,Freedom ,Fraternity ,Equality
					Union Government	Humanism
Professional Ethics		BA S Y ,Paper III	I	International Relations	International Relations	Mechanism of Government

					India's Foreign Policy	Ethics in International Relations
Professional Ethics		BA S Y Paper IX		Indian Political Thinkers	Raja Ram Mohan Roy	Human Approach and Ethics in Indias Foreign Policy
Professional Ethics					Dayanand Sarswati	Humanism
Professional Ethics					Mahatma Gandhi	Humanism
		BA FY PAPER II	I	Genral Psychology	Basic Concepts of Psychology	Human Values ,morals ,ethics
					1 The science of psychology	Human Values ,morals ,ethics
Professional Ethics	Psychology	BA F Y ,Paper I	I	Introduction to psychology	2 Sensation and Perception	Ethics
					3 Learning	Gender
					4 Memory	Human values
						Environment and sustainability
		BA F Y ,Paper I	I	Bio Psychology	1Introduction to biopsychology	Professional Ethics
					2Brain and its Function	Ethics
					3Organization of Nervous Systems	Gender
					4 Endocrine System	Human values
						Environment
		BA F Y ,Paper I	II	Psychology of Individual Difference	1 Intelligence	and sustainability
					2 Personality	Human Values ,morals ,ethics
					3 Motivation and Emotion	Ethics
						Gender
				Introduction to	1) Definition of Counseling Psychology	Human values
		B A T Y	V	Counselling	2) Building counseling relationship	Environment and sustainability
					3) Working in a counseling relationship	Human Values ,morals ,ethics
					4) Termination of counseling relationship	Human Values ,morals ,ethics
		B A T Y	VI	Counseling In Action	1)Theories of counseling	Ethics
						Gender

					2) The Importance of Career counseling	Human values
					3) Marriage, Couple and Family Counseling	Environment and sustainability
					4) College Counseling and student life	Human Values ,morals ,ethics
					Counseling	Human Values ,morals ,ethics
Professional Ethics	Botany	B.Sc.S.Y	III	Plant Ecology	Plant and environment	
					Climatic factors a) Light as an ecological factor, b)Temperature as an ecological factor c) Water as an ecological factor, physicochemical properties of water	1 .Knowledge and importance of environmental factors. And their effect on plant growth.
					Edaphic factor -Soil formation -soil profile, physicochemical properties of soil, major soil types of India, soil erosion and soil conservation	2 .Introduce students with soil erosion and conservation methods.
					Unit:2 Response of plants to water	3 . Study of different types of ecosystems present in nature.
					Morphological, physiological and anatomical response of plants to water –hydrophytes, xerophytes, halophytes and epiphytes	4. Creates Environmental consciousness
					2. Phytogeography:	
					Bio geographical regions of India, vegetation types of India	2.Environmental awareness
					Community characteristics - frequency, density, life forms,biological spectrum	2.Environmental awareness

					Ecosystem:	2.Environmental awareness
					structure -biotic and abiotic components, food chain, food web	2.Environmental awareness
					Ecological pyramids, energy flow, biogeochemical cycles-nitrogen and phosphorus	1.Information about concept of biodiversity , types, threats to biodiversity and conservation methods
		B.Sc.T.Y	v	Diversity of Angiosperms I	Unit: 1	2.Environmental awareness
					1. Biodiversity	2.Environmental awareness
					Definition, concept, origin and evolution	2.Environmental awareness
					evolution 2. Types of biodiversity	
					Species, genetic, ecological, cropland and agricultural diversity;biodiversity in India; endemism and hot spots; threatened species,	2.Environmental awareness
					threats to biodiversity	
					3. Conservation of biodiversity	2.Environmental awareness
					Major causes for loss of biodiversity, listing of threatened biodiversity;	2.Environmental awareness
					threatened categories – extinct, endangered, vulnerable, rare and indeterminate.	2.Environmental awareness
					Conservation measures: – ex-situ, and in-situ; biodiversity conservation in India	
						2.Environmental awareness
						2.Environmental awareness

Professional Ethics	Physics	B Sc T Y Paper XX,VI		PAPER XX: Non-conventional energy sources and Optical fiber(Phy-306)	Chapter1. Non-conventional energy sources	2.Environmental awareness
Environment & sustainability					Introduction, Biomass, wind energy, tidal energy/Ocean energy, geothermal energy, biogas hydro energy, wind energy, solar energy , Biogas plant-fixed dome type	2.Environmental awareness
					Wind energy: Introduction to wind energy, terms and definition: wind, wind farm, wind turbine, vertical axis wind turbine (VAWT), horizontal axis wind turbine (HAWT), propeller (wheel), wind mill,types of wind turbines generator units, monoblade HAWT, twin blade HAWT, merits and limitation of wind energy.	Sustainable deveopment
						Professional Ethics
						Environment Issues
				Chapter 2.Solar Photovoltaic Systems	Chapter 2.Solar Photovoltaic Systems	Professional Ethics
					Introduction to photovoltaic systems, Solar Cell fundamentals: i) Semiconductor, ii) P-N junction, iii) Generation of electron-hole pair by photon absorption, iv) I_V characteristics of solar cell	Professional Ethics

				Chapter 2.Solar Photovoltaic Systems	Chapter 2.Solar Photovoltaic Systems	Environment Issues
						Environment Issues
Green Chemistry	Chemistry	M.Sc. S.Y.		CHEO 423: Lab Course (Organic Chemistry)	CHEO 423: Lab Course (Organic Chemistry)	2.Envornmental awareness
Constitutional Values		B.Sc. F.Y. and M.Sc. F.Y.		Introduction to the Indian Constitution	CHEO 423: Lab Course (Organic Chemistry)	Preparations involving one stage based upon the green synthetic protocol
						Constitutional values


प्रचार्य

Principal
N.S.S.R.(N.) Mrs.Kesharbai
Sonajirao Kshirsagar Alias Kaku
Arts, Science and Commerce
College, Beed.



**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD [M.S.] INDIA.**



CIRCULAR/SYLL/CONSTITUTION OF INDIA/ I Yr/2020.

It is hereby inform to all concerned that, the Academic Council at its meeting held on 31st December, 2019 **has accepted the Curriculum of "Constitution of India" at First Year College level as per Appendix-'A'.**

This is effective from the Academic Year 2020-21 and Onwards.

All concerned are requested to note the contents of this circular and bring notice to the students, teachers and staff for their information and necessary action.

Encl.: - Syllabus,

University campus,

Aurangabad-431 004.

Ref. No. SU/Con./I Yr/Cur./

2020/ *7416-25*

Date: 28.01.2020.

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[Signature]
**Deputy Registrar,
Academic [Syllabus]
Section.**

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DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD.

**COMPULSORY COURSE TO THE UNDER GRADUATE STUDENTS OF AFFILIATED
AND CONDUCTED COLLEGES OF UNIVERSITY**

[Subject Code: IIC 001]

02 Credits

AN INTRODUCTION TO INDIAN CONSTITUTION

Unit I

1. Meaning and Concept of Indian Constitution
2. Nature of Constitution
3. Brief Idea of Indian Constitution
[Parts, Articles and Schedule]

Unit II

Silent Features of Indian Constitution

1. Written and Enacted Constitution; 2. The longest and most detailed Constitution of the World; 3. Rigidity and Flexible Constitution; 4. Parliamentary system of Government; 5. Federal system with unitary bias; 6. Adult Franchise; 7. Single Citizenship; 8. Sovereign, Democratic, Republic; 9. Secularism; 10. Directive Principles of State Policy; 11. Independent Judiciary; 12. Fundamental Rights; 13. Fundamental Duties.

Unit III

A. Fundamental Rights

1. Concept of State (Art. -12); 2. Right to Equality (Art. -14 to 18); 3. Right to Freedom (Art. -19 to 22); 4. Right against Exploitation (Art. -23 & 24); 5. Right to Religion (Art. -25 to 28); 6. Right of Minorities (Art. -29 & 30); 7. Constitutional Remedies (Art.-32).

B. Fundamental Duties (Art.-51 A)

Unit IV

Directive Principles of State Policy (DPSP's)

1. Meaning and Significance of Directive Principles.
2. Classification/ Principles of D.P.S.P.
3. Relationship between F.Rs. and D.P.S.P.

Unit V

Executives

A) Union Government

The President, Council of Ministers and Prime Minister.

B) State Government

The Governor, Council of Ministers and Chief Minister.

• **References**

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12. ग्रॅनव्हिल ऑस्टिन, अनुवाद भारती केळकर भारताची राज्यघटना, राष्ट्राची कोणशिला, डायमंड पब्लिकेशन, पुणे २०१३.
13. डॉ. भा.ल. भोळे, भारताचे शासन आणि राजकारण, विद्या प्रकाशन, नागपूर.

Nate: All latest volumes of above mentioned books must be preferred. The above list of books is not an exhaustive one.

Internal Test (45 Minutes)
Home Assignment
Theory Paper (02 Hours)

10 Marks
10 Marks
30 Marks

[1]	Section - [A]	Ten MCQ Carrying One Mark each	10 Marks
[2]	Section - [B]	Two Short Questions Carrying 5 Marks each Out of Five Questions Students have to Attempt any two	10 Marks
[3]	Section - [C]	One Long Question, Out of Three Questions Students have to attempt any one	10 Marks

**Note: - This Course is bilingual (English & Marathi)
The Examination will also be bilingual.**



**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



**SYLLABUS OF
"Six Months Course in
Environmental Science"**

(As per directives of Hon'ble Supreme Court)

[EFFECTIVE FROM 2005-06 AND ONWARDS]



SIX MONTHS COMPULSORY CORE MODULE COURSE IN ENVIRONMENTAL STUDIES: FOR UNDERGRADUATES

Teaching Methodologies

The Core Module Syllabus for Environmental Studies includes class room teaching and Field Work. The syllabus is divided into eight units covering 100 lectures. The first seven units will cover 70 lectures which are class room based to enhance knowledge skills and attitude to environment. Unit eight is based on field activities which will be covered in 30 lecture hours and would provide students first hand knowledge on various local environmental aspects. Field experience is one of the most effective learning tools for environmental concerns. This moves out of the scope of the text book mode of teaching into the realm of real learning in the field, where the teacher merely acts as a catalyst to interpret what the student observes or discovers in his/her own environment. Field studies are as essential as class work and form an irreplaceable synergistic tool in the entire learning process.

Course material provided by UGC for class room teaching and field activities be utilized.

The universities/colleges can also draw upon expertise of outside resource persons for teaching purposes.

Environmental Core Module shall be integrated into the teaching programmes of all undergraduate courses.



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Annual System: The duration of the course will be 100 lectures. The exam will be conducted along with the Annual Examination.

Semester System: The Environment course of 100 lectures will be conducted in the second semester and the examination shall be conducted at the end of the second semester.

Credit system: The core course will be awarded 4 credits.

Exam Pattern: In case of awarding the marks, the question paper should carry 100 marks. The structure of the question paper being:

Part-A, Short answer pattern	-	25 marks
Part-B, Essay type with inbuilt choice	-	50 marks
Part-C, Field Work	-	25 marks



CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES
FOR UNDER GRADUATE COURSES OF ALL BRANCHES OF
HIGHER EDUCATION.

UNIT 1: The Multidisciplinary nature of environmental studies

Definition, scope and importance

(2 lectures)

Need for public awareness.

UNIT 2: Natural Resources:

Renewable and non- renewable resources:

Natural resources and associated problems.

- a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
- b) Water resources: Use and over-utilization of surface and ground water; floods, drought, conflicts over water, dams benefits and problems.
- c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.



- e) Energy resources: Growing energy needs; renewable and non renewable energy sources, use of alternate energy sources. Case studies.
 - f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
- Role of an individual in conservation of natural resources.
 - Equitable use of resources for sustainable lifestyles.

UNIT 3 : Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Food chains, food webs and ecological pyramids.
- Ecological succession.
- Introduction, types, characteristic features, structure and function of the following ecosystem:-
 - a) Forest ecosystem.
 - b) Grassland ecosystem.
 - c) Desert ecosystem.
 - d) Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries)

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**UNIT 4: Biodiversity and its conservation.**

- Introduction – Definition: genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- India as a mega-diversity nation.
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- Biodiversity at global, National and local levels.
- Hot-spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

UNIT 5: Environmental Pollution**Definition**

- Causes, effects and control measures of :-
 - a) Air pollution
 - b) Soil pollution
 - c) Water pollution
 - d) Marine pollution
 - e) Noise pollution
 - f) Thermal pollution
 - g) Nuclear hazards



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- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides.

(8 lectures)

UNIT 6: Social Issues and the Environment.

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case studies.
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and Control of Pollution) Act.
- Wild life Protection Act.
- Issues involved in enforcement of environmental legislation.
- Public awareness.

UNIT 7: Human Population and the Environment.

- Population growth, variation among nations.
- Population explosion-family welfare programme.



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- Human Rights.
- Value Education.
- Environment and human health.
- HIV/AIDS.
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

(6 lectures)

UNIT 8: Field work

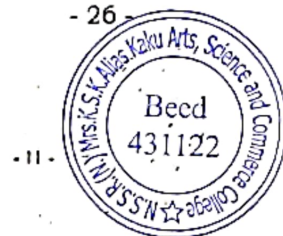
- Visit to a local area to document environmental assets- river/forest/grassland/hill/mountain.

REPORT COMPULSORY

- Visit to a local polluted sites – Urban Rural / Industrial / Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystem – pond, river, hill slopes, etc.

(Field work Equal to 5 lecture hours)

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 21. Trivedi R. K. and P. K. Goel, Introduction to air pollution, Techno-Science Publications (TB)
 22. Wagner K. D., 1998. Environmental Management. W. B. Saunders Co. Philadelphia, USA 499p

(M) Magazine

(R) Reference

(TB) Textbook