

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

New Arts, Commerce and Science College, Shevgaon



INTERNAL QUALITY ASSURANCE CELL

CRITERION- 1: Curricular Aspects



DEPARTMENT WISE LIST OF CROSS-CUTTING ISSUES

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A blue ink handwritten signature, appearing to be "G. S. Patil", written in a cursive style.

PRINCIPAL
New Arts Commerce & Science College
Shevgaon, Dist. Ahmednagar

Department wise List of Cross Cutting Issues

Details of Institution integrates **crosscutting issues** relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum-2021-22

Sr. No.	Subject	Level
1	English	UG
2	Marathi	UG/PG
3	Hindi	UG/PG
4	History	UG/PG
5	Geography	UG/PG
6	Political Science	UG
7	Economic	UG
8	Commerce	UG/PG
9	Chemistry	UG/PG
10	Physics	UG/PG
11	Botany	UG
12	Zoology	UG
13	Mathematics	NO
14	BBA	NO
15	Computer Science	UG

DEPARTMENT OF ENGLISH

Sr. No.	Class	Course Title & Code No.	Text Title	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1	FYBA	Comp. Eng (11011)	Text – Literary Gleam: An Anthology of Prose and Poetry	1) On saying ‘Please’ by A. G. Gardiner	1) The gift of the Magi – O. Henry 2) In Sahyadri Hills, A lesson in humility – Sudha Murthy		
		Optional English - G1 (11331)	Text – Initiations: Minor literary forms and Basics of Phonology	1) A lesson my father taught me-APJ Abdul Kalam	Poem: 1) No men are Foreign – James Kirkup Short story: 1)The Doll’s House- Katherine Mansfield		
2	SYBA	Comp English	Text- Panorama: Values and Skills through Literature	1. The Verger by Somerset Maugham 2. Soft Skills	1. A Simple Philosophy by Chief Seathl 2. 1. The Verger by Somerset Maugham 3. The Chicago Speech by	1. The Palanquin Bearers by Sarojini Naidu	1. A Simple Philosophy by Chief Seathl 2. On the grasshopper and the cricket by John Keats 3. Pied Beauty

					Swami Vivekananda 4. On Another's Sorrow by William Blake 5. Laugh and Be Merry by John Masefield 6. The Rock and the Bubble by L. M. Alcott 7. The Lottery Ticket by Anton Chekhov		by G. M. Hopkins
3	TYBA	Comp English	Exploring New Horizons	1) The Phantom Luncheon 2) The Function of Education 3) The Conjuror's Revenge	1) God sees the Truth but Waits 2) Strange Meeting 3) Money Madness	Shakespeare's Sister	1) Neutral Tones 2) Have you got a Brook in Your Little Heart
		Optional English III	Aspiration: English for Careers	1. Soft Skills 2. Communication, GDPI			

		Functional English VI	Entrepreneurship Development, Project Report and Oral Communication in English: Advanced	1. Entrepreneurship Development			
4	F.Y.B.Com	Comp. English	Text title- Success Avenue		1. The Nightingale and the Rose		

DEPARTMENT OF MARATHI-UG

Sr. No.	Class	Course Title & Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1.	F.Y.B. A	Marathi - GI sahitya: katha and bhashikkaushalyavikas 11021A Marathi - GI semester II sahitya: Ekankika and bhashikkaushalyavikas 11022A	Sahityalekhanpre rna	SahityaAbhiruchi	Good for everyone	support mental health.
2.	F.Y.B. Com	Sem1 Additional Marathi Bhasha, SahityaaniKaushlyeVikas (117B) sem2 Bhashaanikaushlyevikas (127B)	Official Values.	Personality development	Good for everyone	Mental health
3.	S.Y.B. A G2	SEM 1 Bhashikkaushlyevikasaniadhunikmarathisahitya aprakar (23023) SEM 2 Bhashikkaushlyevikasaniadhunikmarathisahitya aprakar (24023)	Basic importance of language	Etiquettes of communication	social thoughts	social discipline
4.	S.Y.B. A S1	SEM 1 Adhunikmarathisahitya: Prakashwata(23021) SEM 2 Madhyayuginmarathisahitya(24021)	Independency	Social awareness	fraternity	positive way of thinking
5.	S.Y.B. A S2	Sem1 Sahityavichar (23022) sem2 Sahityasamiksha (24022)	Basic principles of literature	good expressions	friendly behaviour with society	positive thinking

6.	S.Y.B. A DSE	sem 1 Prakashanvyawharanisaudnyapan (23025) sem2 Upyojitlekhankaushlye (24025)	Basic principles of literature	friendly behaviour with societ	good expressions	Etiquettes of communication
7.	S.Y.B. A MIL-2	sem1 MarthiBhashikSaudnyapanKaushlye (23011) sem2 Navmadhymeanisamajmadhyamansathinmarat hi (24011)	journalistic opportunities	Good speaker	Respectable Citizen	independent thinking
8.	T.Y.B. A G3	(45025)sem1 Bhashikkaushlyevikasaniadhunikmarathisahity aprakar (35023) sem2 Bhashikkaushlyevikasaniadhunikmarathisahity aprakar (45023)	personality development	command on language	fraternity	ethical
9.	T.Y.B. A S3	sem1 Madhyayuginwangmayachaitihas :Prambhte 1600 (35021) sem 2 Madhyayuginmarathiwagmayachnitihas 1601 to 1817 (45021)	journalist	Dignity	equality	ethical
10.	T.Y.B. A S4	sem1 WarnanatmakBhashaVidnyanBhag 1 (35022) sem2 WarnanatmakBhashaVidnyan Bhag2 (45022)	Translator	can read multiple languages	Spread awareness	sustains environment
11.	T.Y.B. A	sem1 Karyakramsajoyantibhashikkaushlyebhag 1	good anker	gain	socially aware	fit with society

	SEC-2C	(35025) sem2 Karyakramsanyojanatilbhashikkaushlyebhag 2(45025)		popularity		
DEPARTMENT OF MARATHI-PG : M.A.						
12	M.A 1	sem1 Bhashavyawharanibhashikkaushalyebhag 1 (10401) sem 2 BhashavyawharaniBhasikkaushlyeBhag 2 (20401)	good anker	gain popularity	socially aware	it with society
13	M.A 1	sem1 Marathi sahityachaitihas 1818 to 1920 (10402) sem 2 Marathi sahityachaitihas 1920 to2010 (20402)	Became a jurist	Studies historical aspect	Provides social guidance	respectable citizen
14	M.A 1	sem1 Aytihasikbhashavidnyan (10403) sem 2 Samajbhashavidnyan (20403)	Became a jurist	studies historical aspect	provide social guidance	Honourable citizen
15	M.A 1	sem1 Graminsahitya (10404) sem 2 Dalitsahitya (20404)	Development of Rural Society	Represent Weaker Section	Leader	Development of society
16	M.A 2	sem 1 Prasarmadhyamsathilekhankaushlyebhag 1(30401)	Media	Journalist	Provides guidance	Development of society

		sem2 Prasarmandhyamansathilekhankaushlyebhag 2 (40401)				
17	M.A 2	sem 1 SahityaSamiksha (30402) sem 2 SahityaSanshodhan (40401)	Philosopher	Rationality	Rational personality	Shows right way
18	M.A 2	sem 1 Nemlelyamadyayuginsahityakrutinchaabhyas bhag 1(30403) sem 2 Nemlelyamadyayuginsahityakrutichaabhyasb hag 2 (40403)	lectures, Professor, teacher	Honourable Citizen	Humanitarianism	Morality
19	M.A 2	sem 1 Loksahityachimultatweanimarathiloksahitya (30404) sem 2 Loksahityachimultatweanimarathiloksahitya (40404)	promote and conserve social values	Conserves cultural and Social values	Unity, Equality	Promotion Social equality

DEPARTMENT OF HINDI- UG & PG

Sr. No	Class	Course Title & Code Number	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1	F.Y. B.A	वैकल्पिकहिंदीप्रश्नपत्र 11091&11092	-	(वैकल्पिकहिंदीप्रश्नपत्र)	-	-
2	S.Y. B.A	आधुनिककाव्यकहानीतथाव्यावहारिकहिंदी230 93	-	आधुनिककाव्यकहानीतथाव्या वहारिकहिंदी	-	-
3		आधुनिकहिंदीव्यंग्यसाहित्यतथाव्यावहारिकहिं दी24093		आधुनिकहिंदीव्यंग्यसाहित्यत थाव्यावहारिकहिंदी		
4	S.Y. B.A	अनुवादस्वरूपएवंव्यवहारSEC23096	अनुवाद	-	-	-
5		माध्यमलेखन SEC24096	माध्यमलेखन			
6	S.Y. B.A	काव्यशास्त्रS -123091	-	काव्यशास्त्र		-
7		साहित्यकेभेदS -124091		साहित्यकेभेद		
8	S.Y. B.A	मध्ययुगीनकाव्यतथाउपन्याससाहित्यS- 223092		संतकबीरकेदोहे, मीराबाईकेपद एकपत्नीकेनोट्स	एकपत्नीकेनो ट्स	
9	S.Y. B.A	हिंदीभाषाशिक्षणMIL 23012&24012	हिंदीभाषाशिक्षण			
10	S.Y. B.A	मध्ययुगीनकाव्यतथाउपन्याससाहित्यS- 224092		रहीमकेदोहे, बिहारीकेदोहे . महाभोजनाटक		

11	T.Y. B.A.	पटकथालेखन SEC35096	पटकथालेखन	-	-	-
12	T.Y. B.A.	साहित्यऔरफिल्मांतरणSEC36096	साहित्यऔरफिल्मांतरण			
13	T.Y. B.A.	कथेतरविधाएँ35093		कथेतरविधाएँ		
14	T.Y. B.A.	गज़लविधातथापत्राचार36093		गज़लविधातथापत्राचार		
15	T.Y. B. A	हिंदीसाहित्यकाइतिहास35091		हिंदीसाहित्यकाइतिहास		
16	T.Y. B.A	हिंदीसाहित्यकाइतिहास36091		हिंदीसाहित्यकाइतिहास		
17	T.Y. B.A	भाषाविज्ञान35092		भाषाविज्ञान		
18	T.Y. B.A	हिंदीभाषाऔरउसकाविकास36092		हिंदीभाषाऔरउसकाविकास		
19	M.A. I	मध्ययुगीनकाव्य10501		मध्ययुगीनकाव्य संतकबीर, सूरदास,संतमीराबाईएवंबिहारीकेदोहे		
20	M.A. I	कथासाहित्य10502		उपन्याससाहित्य‘आपकाबंटी’ कहानीसाहित्य		
21	M.A. I	भारतीयकाव्यशास्त्र10503		भारतीयकाव्यशास्त्र		

22	M.A. I	नाटककारमोहनराकेश10505		नाटकसाहित्य अषाढकाएकदिन,लहरोकेराज हंस, आधेअधूरे		
23	M.A. I	कथेतरगद्यसाहित्य20501				
24	M.A. I	शोधप्रविधि20502	शोधप्रविधि			
25	M.A. I	पाश्चात्यकाव्यशास्त्र20503		पाश्चात्यकाव्यशास्त्र		
26	M.A. I	हिंदीउपन्याससाहित्य20505		उपन्याससाहित्य तमस, छप्पर, गिलिगडु, ग्लोबलगावकेदेवता		
27	M.A. II	आधुनिककाव्य30501		आदर्शवादी, छायावादीतथाअन्यकाव्य		-
28	M.A. II	हिंदीसाहित्यकाइतिहास30502		हिंदीसाहित्यकाइतिहास		-
29	M.A. II	भाषाविज्ञान30503		भाषाविज्ञान		
30	M.A. II	संचारमाध्यम: सिद्धांतऔरस्वरूप30505	संचारमाध्यम: सिद्धांतऔरस्वरूप			
31	M.A. II	आधुनिककविता40501		आधुनिककविता		

32	M.A. II	हिंदीभषाकाविकास40502		हिंदीभषाकाविकास		
33	M.A. II	हिंदीसाहित्यकाइतिहास40503		हिंदीसाहित्यकाइतिहास		
34	M.A. II	भारतीयलोकसाहित्य40504		भारतीयलोकसाहित्य		

DEPARTMENT OF HISTORY

Sr. No	Class	Subject Title & Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1.	FYBA	Early India: From Pre-History to The Age of Maurya Period: (11171)	Archaeology, Coins, Town Planning, Trade, Art, Craft, Technology,	Vedic Philosophy, The Philosophy of Jainism and Buddhism. Ashok's Damma.	Indus Valley Civilization, Women had the right to attend conferences at the time of Rigveda	Indus Valley Civilization Some literary sources and the Damma of Samarat Ashok Taught about Environment and Sustainability
		Early India: Post Maurya period to Rashtrakuta: (11172)	The period called golden age due to - Trade and trading, roots security, patronize of craftsmen and traders, development caves and temples,	Bhakti Philosophy, Philosophy of Shankaracharya,	Matriarchy state of Satavahana, Women Rules.	Research in Science and Technology during the period of Gupta, Initiative works taken by south Indian rules (Chol, Cher and Pandey Dynasties rulers).

			Introduced new currency and currency-based economy			
2.	S.Y.B.A	History of the Maratha (1630 to 1707) (23174)	Fort Architecture, development of trading with Europe, influence of Muslim architecture in Hindu.	Philosophy of Bhagwat Dharma, Philosophy of Saint Dnyaneshwar, Philosophy of Saint Tukaram	Thought of Chhatrapati Shivaji Maharaj	Through the Philosophy of Saint Tukaram (Environmental Sustainability), all the contemporary Saint preached to stop killing of Animals. Environmental Policy of Chhatrapati Shivaji Maharaj.
		History of the Maratha (1707 to 1818) (24174)	Trading with Europe, influence of Muslim architecture in Hindu.	Philosophy of Bhagwat Dharma, Philosophy of Saint Dnyaneshwar, Philosophy of Saint Tukaram	-----	Through the Philosophy of Saint Tukaram (Environmental Sustainability), all the contemporary Saint preached to stop killing of Animals.

		Medieval India: Sultanat Period (23171)	Development of Muslim Art and Architecture, Origin of new Painting style in Indian Context. Assessment of Land according to productivity. New trading taxes.	Philosophy of Sufism	-----	Policy of AllauddinKhilji and MohmmadTughalk and FirojshahaTughalk.
		Medieval India: Mughal Period (24171)	Introducing new art and Architecture, Painting, Folk Song, New land Revenue system.	Philosophy of Sufism, Philosophy of Shikh Guru Guru Nanak, Philosophy of Hinduism, philosophy of Akhabar (Din-E-Elahi).	Policy of Akhabar, Philosophy of Guru Nanak,	Policy of Mughal Empire regarding Gardening. Water Management.
		History World in 20 th Century (1914 to 1992)	Development of Science and technology,	Origin of Enlightenment, development of	Women emancipation movement, right to property and voting.	Establishment of World Environmental organization.

3.	T.Y.B.A.	(3177)	World Trade, New Banking System,	new literature, Human right Movement,		Awareness of Global Warming.
		Introduction to History (3172)	Economic Theory of History	Theory of Humanism	Theory Feminism	Theory of Environmental
		History of USA (1914-92) (3173)	Development of Science and technology, World Trade, New Banking System,	Origin of Enlightenment, development of new literature, Human right Movement,	Women emancipation movement, right to property and voting.	Establishment of World Environmental organization. Awareness of Global Warming.

DEPARTMENT OF HISTORY- PG: MA

4.	M.A.	Evolution of ideas and institution in	Origin of Class based economy, Trade Unions, beginning of Urbanization, origin of new trading centers and trade ruts, beginning of	Vedic Philosophy, The Philosophy of Jainism and	Indus Valley Civilization, Vedic Period, Matriarchy state of Satavahana,	Indus Valley Civilization, Vedic literature, Philosophy of Jainism and Buddhism, Policy of Samrat Ashok.
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SEM. I	Ancient India (12202)	currency-based economy, origin of cast-based business. Origin of new international trading centers.	Buddhism. Ashok's Damma.	Women Rules.	
	Maratha polity (12203)	Fort Architecture, development of trading with Europe, influence of Muslim architecture in Hindu.	Philosophy of Bhagwat Dharma, Philosophy of Saint Dnyaneshwar, Philosophy of Saint Tukaram	Women policy of ChhatrapatiShivajiMaharaj	Through the Philosophy of Saint Tukaram (Environmental Sustainability), all the contemporary Saint preached to stop killing of Animals. Environmental Policy of ChhatrapatiShivajiMaharaj.
	History Theory and Method (12201)	Economic Theory of History	Theory of Humanism	Theory Feminism	Theory of Environmental
	Socio-Economic History of the Maratha	Emerging of New trading community, New Trading Centers, Trading Roots, Entrance of Europeans in India Trading, Currency	Philosophy of Bhagwat Dharma, Philosophy of Saint Dnyaneshwar,	ChhatrapatiShivajiMaharaj Women policy	Through the Philosophy of Saint Tukaram (Environmental Sustainability), all the contemporary Saint preached

		(12206)	based economy. New Land Revenue System.	Philosophy of Saint Tukaram.		to stop killing of Animals. Environmental Policy of Chhatrapati Shivaji Maharaj.
5.	M.A. SEM. II	Approach to History (22201)	Economic Theory of History	Theory of Humanism	Theory Feminism	Theory of Environmental
		Evolution of Ideas and Institution of Medieval India (22202)	New Community in trading, new trading centers, new coins introduced by Muslim rulers, currency-based economy, new trading roots, reforms of land revenue, emerging of new industries, new taxes introduced by Muslim rulers,	Philosophy of Saint Kabir, Saint Guru Nanak, Saint, Tukaram Maharaj, Saint Dnyaneshwar, Philosophy Sufi Saint, Akabar's Religious policy (Din- E- Elahi),	Sultana Rajiya, Sait Guru Nanak, Saint Kabir, Sant Tukaram Maharaj,	Policy of Allaudin Khilji, Policy of Firoj Tughalak, Policy of Giyyasuddin Tughalag, Policy of Sher- Shaha Suri, Policy of Akhabar. Saint Tukaram Maharaj's Massage regarding Environment.
		Socio-Economic History of the	Emerging of New trading community, New Trading Centers, Trading	Philosophy of Bhagwat Dharma, Philosophy of Saint	Chhatrapati Shivaji Maharaj Women policy	Through the Philosophy of Saint Tukaram (Environmental

		Maratha (22203)	Roots, Entrance of Europeans in India Trading, Currency based economy. New Land Revenue System.	Dnyaneshwar, Philosophy of Saint Tukaram.		Sustainability), all the contemporary Saint preached to stop killing of Animals. Environmental Policy of ChhatrapatiShivajiMaharaj.
		Maratha in 17 th & 18 th Century Maratha Polity (22204)	Emerging of New trading community, New Trading Centers, Trading Roots, Entrance of Europeans in Indian Trading, Currency based economy. New Land Revenue System.	Philosophy of Bhagwat Dharma, Philosophy of Saint Dnyaneshwar, Philosophy of Saint Tukaram.	ChhatrapatiShivajiMaharaj Women policy	Through the Philosophy of Saint Tukaram (Environmental Sustainability), all the contemporary Saint preached to stop killing of Animals. Environmental Policy of ChhatrapatiShivajiMaharaj.
6.	M.A. Sem.	Cultural History of Maharashtra (32201)	Archaeology, Coins, Town Planning, Trade, Art, Craft, Technology, Emerging of New trading community, New Trading Centers, Trading Roots, Entrance of	Vedic Philosophy, The Philosophy of Jainism and Buddhism. Ashok's Damma. Philosophy of Bhagwat Dharma, Philosophy of Saint Dnyaneshwar,	Vedic Culture, Women had the right to attend conferences at the time of Rigveda, Matriarchy State of Satavahana, ChhatrapatiShivajiMaharaj policy. Satyashodhak,	Indus Valley Civilization Some literary sources and the Damma of Samarat Ashok Taught about Environment and Sustainability, Through the Philosophy of Saint Tukaram (Environmental Sustainability), all the

III		Europeans in India Trading, Currency based economy. New Land Revenue System.	Philosophy of Saint Tukaram. Satyashodhak, Feminist, Maratha Natak, Bombay Film Industry.	Feminist, Marathi Natak, Bombay Film Industry.	contemporary Saint preached to stop killing of Animals. Environmental Policy of Chhatrapati Shivaji Maharaj.
	Intellectual History of Modern World (32202)	The period called golden age due to - Trade and trading, roots security, patronize of craftsmen and traders, development caves and temples, Introduced new currency and currency-based economy	Bhakti Philosophy, Philosophy of Shankaracharya,	Matriarchy state of Satavahana, Women Rules.	Research in Science and Technology during the period of Gupta, Initiative works taken by south Indian rules (Chol, Cher and Pandey Dynasties rulers).
	Economic History of	Industrial Revolution based on new technology, British trading policy, New revenue system	Origin of Renaissance and Enlightenment Movement, Socio-	Socio- Religious reforms, emancipation	Establishment of World Environmental organization. Awareness of Global Warming.

		Modern India (32203)	introduced by British Government, origin of new capitalist class, origin of new market, land commodity, commercialization of land, India connected to global market.	Religious Reforms, Modern Indian Philosophy, Emancipation of Dalit, Farmers, Subaltern Class and exploited class. Emancipation of Women, feminist Historiography.	Movement of Women. Women Education Movement.	
		Peasant Movement in Medieval and Modern India (32206)	New Community in trading, new trading centers, new coins introduced by Muslim rulers, currency-based economy, new trading roots, reforms of land revenue, emerging of new industries, new taxes introduced by	Philosophy of Saint Kabir, Saint Guru Nanak, Saint, TukaramMaharaj, Saint Dnyaneshwar, Philosophy Sufi Saint, Akabar's Religious policy (Din- E- Elahi),	Sultana Rajiya, Sait Guru Nanak, Saint Kabir, SantTukaramMaharaj,	Policy of AllaudinKhilji, Policy of FirojTughalak, Policy of GiyyasuddinTughalag, Policy of Sher- ShahaSuri, Policy of Akhabar. Saint TukaramMaharaj's Massage regarding Environment.

			Muslim rulers,			
7.	M.A. Sem IV	Modern Maharashtra: History of Ideas (42201)	Industrial Revolution based on new technology, British trading policy, New revenue system introduced by British Government, origin of new capitalist class, origin of new market, land commodity, commercialization of land, India connected to global market.	Origin of Renaissance and Enlightenment Movement, Socio-Religious Reforms, Modern Indian Philosophy, Emancipation of Dalit, Farmers, Subaltern Class and exploited class. Emancipation of Women, feminist Historiography.	Socio- Religious reforms, emancipation Movement of Women. Women Education Movement.	Establishment of World Environmental organization. Awareness of Global Warming.
		Debate in Indian Historiography (42202)	Indus Valley Civilization, Vedic Culture, Discovery of Iron and Civilization, Sangam Age.	Vedic Philosophy, Philosophy of Buddhism and Jainism, Bhakti Dharma, Policy of Samarat Ashok. Sangam literature.	Indus Valley Civilization, Vedic Culture, Matriarchic State of Satavahana,	Indus Valley Civilization, Vedic Culture, Buddhism and Jainism Philosophy, Policy of Samarat Ashok, Gupta Rulers Policy.

		World After World War - II (1945 to 2000) (42203)	Evolution of Technology, New Economic Policy of World, Emerging New Power, End of Colonization,	Movement of Apartheid, Movement for Women Equality, Right to Vote Movement.	Right Vote, Right to Property,	Establishment of World Environmental organization. Awareness of Global Warming.
		Modern India (42206)	Industrial Revolution based on new technology, British trading policy, New revenue system introduced by British Government, origin of new capitalist class, origin of new market, land commodity, commercialization of land, India connected to global market.	Origin of Renaissance and Enlightenment Movement, Socio-Religious Reforms, Modern Indian Philosophy, Emancipation of Dalit, Farmers, Subaltern Class and exploited class. Emancipation of Women, feminist Historiography.	Socio- Religious reforms, emancipation Movement of Women. Women Education Movement.	Establishment of World Environmental organization. Awareness of Global Warming. India Government policy towards Environment.

DEPARTMENT OF GEOGRAPHY – UG

Sr. No.	Class	Course Code	Course Title	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1.	F.Y.B.A. SEM. I	Gg-(110 A)11201	G-1: DSE-1: Physical Geography	-	-	-	Topic-I: Introduction about the Earth system. Lithosphere, Atmosphere, Hydrosphere and Biosphere Topic-4: Subunit- Field Visit for observations geographical places and landforms.
	F.Y.B.A. SEM. II	Gg-(110 B) 12201	G-1: DSE-2: Human Geography	-	-	Unit-2: Population. Subunit: Gender and Literacy	Unit-4: Agriculture. Subunit: Problems of Indian agriculture
		GR9-H	Democracy, Election and Governance	-	Ethical & informed voting, Electoral literacy platforms: ELC, Chunavpathash	Module-2: Decentralization: Subunit- Gender	-

					ala& VAF, Challenges & initiatives for strengthening democracy		
		G-1	G-1, Physical Education	-	-	-	-
2.	SYBA SEM. III	23205	CC-1C (G-2)- Gg- 210 (A): Environmental Geography-I OR CC-1C- (G-2)- Gg-210 (A): Economic Geography- I	-	-	-	Topic-3: Concept and classification of resources: Conservation of resources
		23202	DSE-1A (S-1): Gg- 220(A): Geography of Maharashtra - I OR DSE –1A (S-1): Gg- 220(A) : Population Geography – I	-	-	Topic-4: Compositio n of Population: Age-Sex pyramid	-
	23203	DSE–2A (S-2): Gg- 201(A):Practical Geography-I (Scale and Map Projections)	-	-	-	-	

		23207	SEC-2A:(Value/skill-based Course):Introduction toGeographical Information System (GIS) OR	Topic-3: Software based Practical	-	-	-
			SEC - 2A:(Value/skill-based Course) Applied Course of Disaster Management	-	Topic-2: Phases of Disaster Management Role of Geographers and organizations Topic-4: Assignment based on Primary or secondary data on any one Geographical scalelocal/ regional/national/ global	-	-
		23999	Environmental Studies-I	-	-	-	Unit-1 Introduction, Unit-2. Ecosystems, Unit-3 Natural. Resources: Renewable and Non---

							renewable Resources, Natural. 4. Biodiversity and Conservation
S.Y.B.A. SEM. IV	24205	CC-1C (G-2)- Gg-210 (B): Environmental Geography-II OR CC-1C- (G-2)- Gg-210 (A):Economic Geography- II	-	-	-	-	Environmental Issues
	24202	DSE-1B (S-1): Gg-220(A): Geography of Maharashtra – II OR		Topic: 3: Rural Development of Maharashtra: Case Studies – Hivare Bazar and Ralegan Siddhi (Ahmednagar), Patoda (Aurangabad)			Topic: 3: Rural Development of Maharashtra: Case Studies – Hivare Bazar and Ralegan Siddhi (Ahmednagar), Patoda(Aurangabad)
		DSE –1B (S-1): Gg-220(A) : Population Geography – II	-	-	Topic-2: Population and Settlement: Population composition - Sex Ratio,	-	-
	24203	DSE-2B Gg-201(B): Practical Geography – II (Cartographic	Topic-2: Cartographic techniques	-	-	-	Topic-4: Socio-economic survey of

			Techniques, Surveying and Excursion / Village / Project Report) OR	Topic-3: Surveying			village/city
			DSE-2B Gg-201(B): Practical Geography – II : Introduction to Geographic Information System Subject Code: SEC – A	Topic-3: Software based Practical	-	-	-
			SEC-2B (Value/skill-based Course) Introduction to Remote Sensing OR SEC-2B (Value/skill-based Course) Applied Course of Travel & Tourism	-	-	-	-
		24207	SEC-2B (Value/skill-based Course) Introduction to Remote Sensing OR	Topic-2: Software based Practical	-	-	-
			SEC-2B (Value/skill-based Course) Applied Course of Travel & Tourism	Topic-2: Local Tourism Topic-3: Tour planning and Skill	-	-	-

				development			
		24999	AEC- Environmental Studies (Compulsory)	-	-	-	Unit- 5: Environmental Pollution, Unit 6: Environmental Policies & Practices Unit 7 : Human Communities and the Environment Unit 8 : Field work
3.	TYBA (CBCS Pattern)Sem.- V	35204	(G-3) Geography of Disaster Management-I CC1E (No. of Credits: 03)		Topic-3: Disaster management and measures Sub topic: Preparedness, Response, Recovery, Mitigation		Topic-4 Climatic disasters and their management b) Droughts and Floods
		35201	(S-3) Geography of India -I DSE 1 C (No. of Credits: 03)		Topic-1: Introduction Sub topics: - Relationship with Neighbouring		Topic-2: Physiography Topic-3: Drainage. Topic-4: Climate.

					Countries		Topic-5: Soils and Natural Vegetation.
<i>TYBA (CBCS Pattern)Sem.- VI</i>	36204	(G3) Geography of Disaster Management-II CC1F (No. of Credits: 03)					Topic-3: Global Environmental issues: Sub topics- a) Global warming b) Ozone depletion c) Marine Pollution
	36201	(S-3) Geography of India -II DSE1 D (No. of Credits: 03)	Topic-4: Agriculture Sub topics- b) Agro Based Industries: Sugar, Cotton and Textile c) Agriculture Revolution in India: Green, White and Blue	Topic-1: Cultural Setting Subtopics- a) Religions of India b) Languages of India c) Major tribes, tribal areas and their problems: Naga and Gond Tribe			Topic-3: Resources Sub topics- a) Iron ore and Manganese b) Coal and Petroleum c) Hydro Power and Thermal Power

DEPARTMENT OF GEOGRAPHY – PG: MA/MSC.

Sr. No.	Class	Course Code	Course Title	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1.	MA/MSc. I SEM. I	60102	GGUT-112: Principles of Climatology	-	-	-	Topic-1: Introduction to Climatology
				-	-	-	Topic-2: Earth's Atmosphere The ozone layer depletion
				-	-	-	Topic-3: Insolation
				-	-	-	Topic-4: Temperature
				-	-	-	Topic-5: Atmospheric Pressure and Winds
				-	-	-	Topic-6: Atmospheric Moisture
				-	-	-	Topic-7: Atmospheric Stability
				-	-	-	Topic-8: Air Masses and Fronts

		60103	GGUT-113: Principles of Economic Geography	-	-	-	Topic-3: Resources. A case study of one local agro-based industry: Economic analysis, problems and prospects (Sugar factory/ winery/ agro-tourist center etc.)
		60104	GGUT-114: Principles of Population & Settlement Geography	-	-	Topic-5: Sex ration in India	Topic-1: Subunit- Approaches to Population and Settlement Geography: Genetic, spatial and ecological
		60105	GGUP-115: Practical in Physical and Human Geography	-	-	Topic-7: Subunit- Age-Sex Pyramid Topic-9: One day study tour or long tour of geographical interest places anywhere in the country and excursion report	-
		60191	Human Rights - I	-	Dignity,	-	-

					Liberty, Equality, Justice, Unity in Diversity, Ethics and Morals		
		60192	Introduction To Cyber Security - I	Cybercrime and Cyber terrorism, Information Warfare and Surveillance	-	-	-
MA/MSc. I SEM. II		60211	GGUT-121: Geoinformatics - I	Geoinformat ics	-	-	-
		60215	GGUT-125: Population Geography	-	-	Topic-7: Subunit - Population Composition: Age Sex Topic-8: Subunit - Gender Development Index (GDI)	-
		60219	GGUT-129: Geography of Rural Settlements	-	-	Topic-6: Subunit- Age- Sex	-
		60220	GGDT-130: Geography of Tourism	-	-	-	Topic-3: Physical Factors of Tourism

							Topic-5: Indian Tourism
		60224	GGUP-134: Practical of Statistical Techniques For Geography	-	-	-	-
		60291	Human Rights – II	-	Human rights of vulnerable groups	-	-
		60292	Introduction to Cyber Security – II	Security Assurance, Security Laws, IPR, International Standards, Security Audit	-	-	-
2.	MA/MSc. II SEM. III	60321	GGUT-235: Geoinformatics – II	Geoinformatics	-	-	Geoinformatics
		60322	GGUT-236: Geographical Thoughts	-	-	-	Topic-2: Dualism in Geography Topic-4: Recent Trends in Geography Topic-5: Applied Geography: Subunit- environmental management
		60326	GGUT-240: Urban	-	-	Topic-5:	Topic-8: Subunit-

			Geography			Subunit: Characteristics of urban population- Urban Age, sex	Urban Environmental pollution
		60327	GGDP-241: Practical in Geoinformatics	Practical in Geoinformat ics	-	-	-
		60329	GGUT-243: Watershed Management	-	-	-	Topic-4: Water and soil conservation in watershed
		60334	GGUP-248: Practical in Population and Settlement Geography	-	-	Topic-1: Population Geography: Subunit- Age- sex	-
		60392	Introduction to Cyber Security –III	VPN Security, Security in Multimedia Networks, Various Computing Platforms: HPC, Cluster and Computing Grids, Virtualizatio	-	-	-

				n and Cloud Technology and Security			
		60394	Skill Development – I	-	-	-	-
		60395	Introduction to Constitution	-	-	Right to equality, Uniform Civil Code	-
MA/MSc. II SEM. IV		60421	GGUT-249: Geography of India	-	-	Topic-10: Subunit: Age- sex	Physiography, Drainage, Climate, Soils, Forest, Environmental Factors affecting Indian Agriculture
		60422	GGUT-250: Oceanography	-	-	-	Topic-7: Oceanic Pollution
		60423	GGUT-251: Research Methodology	Research ethics, plagiarism and funding agencies	-	-	-
		60427	GGUT-255: Regional Planning		-	-	Regional Planning
		60429	GGDP-257: Interpretation of Topographical Maps and GPS Village Survey	GPS Survey of Village	-	-	GPS Survey of Village
		60430	GGUT-258: Geography of World	-	-	-	Topic-1: Subunit- Continents and Oceans, Major

							natural regions
		60492	Introduction to Cyber Security – IV	Components of wireless networks, Security issues in wireless	-	-	-
		60494	Skill Development- II	-	-	-	Renewable Energy

DEPARTMENT OF ECONOMICS

Sr. No.	Class	Course Title & Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1.	F.Y.B.A	Indian Economics Environment 1& 2 11151 11152	Types of Bank Accounts Skill Development Programmes Agri- Business	Challenges to Indian Economy	-	Water Management Natural Resource Energy Resources
2.	S.Y.B.A	Financial System 1&2 CC-1C CC-1D	Commercial Banks Functions Stock Markets	Importance of Indian Financial System	-	-
3.	S.Y.B.A	Micro Economics 1&2 DSE 1A DSC-1B	Price Discrimination Theory of Distribution Welfare Economics	Basic Economic Problems Welfare Economics Theory of Distribution	-	Basic Economic Problems Welfare Economics
4.	S.Y.B.A	Macro Economics 1&2 DSE 2A DSC-2B	National Income Personal Income	Value of Money Inflation Fiscal Policy	-	NNP Concept
5.	S.Y.B.A	Basic concept of Research	Concept of Research Applied Research	Importance of Economics Research	-	-

		Methodology 1&2	Data Analysis			
6.	T.Y.B.A	Indian Economic Development 1&2	NITI Aayog National CONSERVATION strategy	Vicious Circle of Poverty	Gender Development Index Gender Inequality Index	Role of Human Resource in Theory of Distribution 17 SDGs Relation between Environment and Theory of Distribution Global Warming Sustainable Development
7.	T.Y.B.A	International Economics 1&2	Importance of International Trade Balance of Payments	SAARC, BRICS International Co- operation	-	SAARC, BRICS International Co- operation
8.	T.Y.B.A	Public Finance 1&2	Impact of Tax GST Classification of Budget Finance Commission Budget	Principal of Maximum Social Advantage	Direct Tax Gender Budget	Classification of Budget Finance Commission
9.	T.Y.B.A	Skill enhancement Course 1&2	Types Of Business Planning Steps in Decisions Making Process Start-up India Stand up India Mudra Lones	Decision Making Agriculture Products Sell Management	-	Make in India

10.	F.Y.B.COM	Business Economics (Micro)1&2	Goals of Firm Utility Concept Factor Distribution Theory	-	-	Social Responsibility and Welfare Diseconomies of Scale
11.	S.Y.B.COM	Business Economics (Macro)1&2	Concept of Macro Economics Concepts GDP, NNP, GNP, PER Capita Income	Importance of National Income Employment Theory	-	
12.	T.Y.B.COM	International Economics 1&2	Importance of International Trade Balance of Payments	SAARC, BRICS International Co-operation	-	SAARC, BRICS International Co-operation

DEPARTMENT OF POLITICAL SCIENCE

Sr. No.	Class	Subject Title & Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1	F.Y.B. A	Introduction to Indian Constitution 1& 2 11161A & 11162A	-----	Philosophy of Indian Constitution	Fundamental Rights, Fundamental Duties, Directive Principles of the State Policy	Fundamental Rights, Fundamental Duties, Directive Principles of the State Policy
2	S.Y.B. A	An Introduction to Political Science 1&2 23163 & 24163	Basic Concepts :- The Market	Basic Political Values	Rights ,Ideologies	International Organisations
3	S.Y.B. A	Western Political Thought 1&2 23161 24161	-----	Plato, Aristotle, Machiavelli, Locke, Rousseau, Hegel, J.S.Mill, Karl Marx	-----	-----
4	S.Y.B. A	Political Journalism 1&2 23162 24162	Agencies of Political Journalism, Methods of Political Journalism, Mediatisation of Politics	-----	-----	Media and Public Opinion
5	S.Y.B. A	Basics of Indian Constitution 1&2 :- 23165 & 24165	-----	Philosophy of Indian Constitution	Fundamental Rights, Fundamental Duties, Directive	Fundamental Rights, Fundamental Duties, Directive

					Principles of the State Policy	Principles of the State Policy
6	T.Y.B. A	Local Self Government in Maharashtra V & VI 35164 & 36164	Role of Leadership in Development	-----	73 rd and 74 th Amendments ,Rural and Urban Local:- Bodies Composition, Power and Function	-----
7	T.Y.B. A	Public Administration V & VI 35161 & 36161	Bureaucracy, Budget, Accountability and Control ,Governance, Personal Administration	-----	-----	-----
8	T.Y.B. A	INTERNATIONAL RELATIONS V & VI 34162 & 35162	-----	Issues in International Politics	-----	Power, Balance of Power, Disarmament

DEPARTMENT OF COMMERCE: UG and PG

Class and Subject	Professional Ethics	Human values	Gender equality	Environmental & sustainability
F.Y.B.Com				
Marathi	BhashaAlankar Corporate writing	Vagmayinlalitsahitya	Study of cultural values	-
Hindi	Natyalekhan(Screenshot writing) Bhashavidnyan	Hindi upanyas& ethical Values Poems	Study of global culture	-
English	Corporate ethical witting	Communication skills	Study of global culture	-
Financial accounting	Principles & conventions in accountancy (Accounting Standards)	Knowledge about GST rates & regulations.	-	-
Business economics	Understand micro-economics principles and ethics	Understand concept utility & its approaches -Mathematical aptitude skills	-	Study sustainable effect of economics scale
Mathematics	Practice and application of Mathematics	Accuracy effective, application , systematic implementation of theories	-	Abilly to meet the needs of students provide confidence among students according to changing of models
Banking and	Corporate ethics of banking at Indian and	Bank functions related to	-	Visit to bank and

Finance	global level	classification of bank		understand its functions
Marketing	Study marketing ethics according to responsibility and respect to customers	Social, monetary and psychological values study of customers behaviour	Marketing mix online marketing, market segments	Online, social, marketing approaches
Consumer protection and Business ethics	Awareness of customers and their principles consumer protection laws	Skills of careers opportunities	E-ocommerce	-
S.Y.B.Com				
Accountancy	Accounting Standards	Develop conceptual knowledge about accounting and application skills		Practice of analysis Reporting and study environmental impact of its rules
Auditing and taxation	Professional competence and confidentiality Principles in auditing and professional behaviour	Auditing Provides assurance to investors regarding use of capital Regular tax Compliances		study of taxes reforms for human capital environment Income tax provisions and updates policy
Cost and works accounting	Cost accounting standards and elements of principles	Meaning cost values of business		

Business regulatory framework	Study Indian legal system Regulation business standards	Rights of investors		case studies in practice of laws
T.Y.B.Com				
Business communication	Corporate communication methods and its principles Applications of modern communication methods	Soft skills, presentation skills, motivational skills, writing skills		To study the impact of communication environment corporate strategy focus on sustainability
Business eco (macro) Economics	Microeconomic principles and their application	critical theory skills Quantitative aptitude		
Business management	Corporate structure and its ethics at global level, Organisation and strategy principles of management	Human resource management, decision making and motivational theories and skills		Business environment ethics management information system (MIS) management case studies
Elements of company law	Awareness of elements of company law and its Practices existing company law	Knowledge of company laws		E-governance E-Commerce E-filing
F.Y.B.Com	Marathi, Hindi, English , Accountancy, Business Economics, Maths,	Marathi, Hindi, English, financial accounts, Economics, Marketing	Marathi, Hindi, English , Math, Marketing,	Marathi, Hindi, English, Banking, Marketing, Business

	Banking and Finance, Marketing, Consumer Protection ethics	CPBE, Mathematics	Consumer protection and ethics	Economics
S.Y.B.Com	Business communication, Business management, Economics, Elements of company law, Accountancy	Business communication, business management, Economics, elements of company law		Business communication, business management, Elements of company law
T.Y.B.Com	Accountancy auditing and taxation Cost work, Accounting, Business Regulatory Framework (BRF)	Accountancy, Auditing and Taxation, Cost and work account, Business Regulatory Framework		Accountancy, Auditing and taxation, Business Regulatory Framework (BRF)

DEPARTMENT OF COMMERCE – M.COM

M.Com –I (Sem-I) 1.Management Account	Accounting Standards and Techniques Strategic Management principles and process	-	-	-
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2.Strategic Management	Production &parental function	Corporate social Responsibility, Analytical skill, Technical Skill	-	Internal Business Statorgy
3.Production & Operation Management	Financial statement analysis	Knowledge of cover appoints Innovative Ides tower product	Knowledge of cover appoints Innovative Ides tower product	-
4.Finacial Management	Ethical Principles	Design Skill toward portfolio life skill	-	-
5.Human Right	Seemly Principles	Seemly Principles	Human Right towards to chili, woman and Civil law	Social Impact study of human right and its educational environment
6.Cyber Security			Seemly Principles	Cyber Laws Environment

M.Com-I (Sem-II)				
1.Financial Analysis And Control	Financial Control Technique	-	-	-
2.Industrial Economics	Industrial policy of government its principles	Economic problem solves skills management appetence	-	Throes of industrial lotion case studies
3.Business Ethics & Professional Value	Corporate Social responsibility and principles issue of business ethics professional value	Business related person making skill	Business related person making skill	Achieving sustainable development environment issues &its impact on business
4.Element of Knowledge Management	Application of knowledge management in corporate sector	Analysis and research skill, practical oriented skill improving analytical skill improving analytical skill management skill	-	Knowledge engineering and its impact of economy

<p>M.Com-II (Sem-III)</p> <p>1.Business Finance</p> <p>2.Research Methodology for Business</p> <p>3.Human Recourse Management</p>	<p>Principals of corporate finance capital management techniques</p> <p>Appropriate research methodology and Technique</p> <p>Principles as HRM</p> <p>Behavior science of organization</p>	<p>Skill related to business success financial planning skill</p> <p>Analytical skill Technical Skill Data collection skills</p> <p>Training Skills, Skill towards job rotation motivational skill</p> <p>Work culture Culture environmental inteeigance</p>	<p>-</p> <p>-</p> <p>-</p>	<p>-</p> <p>Recanted in HRM</p> <p>-</p>
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4.Organisational Behavior	Constitutional Ethics	Right towards constitution	-	
5.Introduction of Construction			Control Equity under constitution law	Impact of Social Environment
M.Com-II (Sem-IV) 1.Capital Market and Financial Services 2. Industrial Economic Environment	Capital markets Ethics in India Stock Market Principles Industrial Policy and Relation between economic development Evolution of Industrial Policies	Skills Related to Investment Conceptual Skills Critical Analysis Skills		Changing Scenario/ Environment Policy of stock Market/ Portfolio Economic Environment in India

<p>3. Recent Advancement in Business Administration</p> <p>4. Project Works</p>	<p>Innovation Management Principals and Strategy</p> <p>Research Techniques and Principles</p>	<p>Innovative Thinking Skills of Business Ideas.</p> <p>Data Collection Skills Analytical Skills</p>		
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DEPARTMENT OF BBA (CA)

Sr. No.	Class	Subject Title & Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1	S.Y. BBA(CA)	Computer -Networks CA-401	It Should be User Friendly as well as understandable.	Computers and related devices need to be more human		Computer Network Hardware must be well equipped
		PHP-CA304	Website modular Standards	Believe in value-neutral technology.		To tackle environmental issues is acknowledged worldwide
		Operating System CA 403	System standards	The operating system for a high-performing contact centre		System Environment must be varies from each other
2	T.Y. BBA(CA)	Java Programming CA-501	It Should be User Friendly as well as understandable.	Computers and related devices need to be more human		Java programming language is object oriented
		Dot Net framework CA-604	To learn Microsoft framework architecture. Understand development of windows application	Create and consume libraries, Create a web application, To develop the website and application	.	Student should have basic knowledge of: Visual Basic, HTML, Object Oriented concepts, Ms-Access, Mysql, SQL Serve
		Advanced Java	To know the concept of	Students will know		Basic

		CA-603	Java Programming. To understand how to use programming in day-to-day applications	the concepts of JDBC , Multithreading and Socket Programming, Spring and Hibernate. Students will develop the project by using JSP and JDBC		programming concepts.
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DEPARTMENT OF CHEMISTRY - UG

Sr. No.	Class	Subject Title & Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
13.	F.Y.B.Sc.	22999, Democracy, Election and Governance	Ethical & informed voting, Electoral literacy platforms: ELC, Chunavpathashala & VAF, Challenges & initiatives for strengthening democracy			
		G-1, Physical Education				
14.	S.Y.B.Sc.	24361, Environmental Awareness				Ecosystems, Natural Resources : Renewable and Non---renewable Resources, : Biodiversity and Conservation, : Environmental Pollution, : Environmental Policies & Practices
15.	T.Y.B.Sc.	CH-511, Environmental				Concepts and Scope of Environmental

		Chemistry				Chemistry, Hydrosphere and Water Pollution, Analytical Techniques in water Analysis, Water pollution and treatment methods
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DEPARTMENT OF CHEMISTRY- PG: MSC. ORGANIC AND ANALYTICAL CHEMISTRY

<i>Sr. No.</i>	<i>Class</i>	<i>Subject Title & Code No.</i>	<i>Professional Ethics</i>	<i>Human Values</i>	<i>Gender Equality</i>	<i>Environment and Sustainability</i>
1.	M.Sc. I Chemistry	33191, Human Rights I		Dignity , Liberty, Equality , Justice, Unity in Diversity, Ethics and Morals		
		33192 Introduction to Cyber Security- I	Cyber crime and Cyber terrorism, Information Warfare and Surveillance			
		33291, Human Rights II		Human rights of vulnerable groups		
		33292, Introduction to Cyber Security- II	Security Assurance, Security Laws, IPR,			

			International Standards, Security Audit			
2.	M.Sc. II Organic Chemistry	33192 Introduction to Cyber Security- III	VPN Security, Security in Multimedia Networks, Various Computing Platforms: HPC, Cluster and Computing Grids, Virtualization and Cloud Technology and Security			
		33394, Skill Development I				
		33395, Introduction to constitution			Right to equality, Uniform Civil Code	
		33492 Introduction to Cyber Security- IV	Components of wireless networks, Security issues in wireless			
		33494, Skill Development II				Renewable Energy
3.		33192 Introduction to	VPN Security,			

M.Sc. II Analytical Chemistry	Cyber Security- III	Security in Multimedia Networks, Various Computing Platforms: HPC, Cluster and Computing Grids, Virtualization and Cloud Technology and Security			
	33394, Skill Development I				
	33395, Introduction to constitution			Right to equality, Uniform Civil Code	
	33492 Introduction to Cyber Security- IV	Components of wireless networks, Security issues in wireless			
	33494, Skill Development II				Renewable Energy

DEPARTMENT OF PHYSICS- UG

Sr. No.	Class	Subject Title	Code No.	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
1.	F.Y.B.Sc	MECHANICS & PROPERTIES OF MATTER	PHY-111	Yes	Yes	Yes	Yes
2.		PHYSICS PRINCIPLES & APPLICATIONS	PHY-112	Yes	Yes	Yes	Yes
3.		PHYSICS LABORATORY- IA	PHY-113	Yes	Yes	Yes	Yes
4.		HEAT & THERMODYNAMICS	PHY-121	Yes	Yes	Yes	Yes
5.		ELECTRICITY & MAGNETISM	PHY-122	Yes	Yes	Yes	Yes
6.		PHYSICS LABORATORY- IB	PHY-123	Yes	Yes	Yes	Yes
7.	S.Y.B.Sc	MATHEMATICAL METHODS IN PHYSICS-I	PHY-231	Yes	Yes	Yes	Yes
8.		ELECTRONICS	PHY-232	Yes	Yes	Yes	Yes
9.		PHYSICS LABORATORY- 2A	PHY-233	Yes	Yes	Yes	Yes
10		OSCILLATIONS, WAVES & SOUNDS	PHY-241	Yes	Yes	Yes	Yes
11		OPTICS	PHY-242	Yes	Yes	Yes	Yes
12		PHYSICS LABORATORY- 2B	PHY-243	Yes	Yes	Yes	Yes
13	T.Y.B.Sc	MATHEMATICAL METHODS IN PHYSICS-II	PHY-351	Yes	Yes	Yes	Yes
14		ELECTRODYNAMICS	PHY-352	Yes	Yes	Yes	Yes
15		CLASSICAL MECHANICS	PHY-353	Yes	Yes	Yes	Yes
16		ATOMIC & MOLECULAR	PHY-354	Yes	Yes	Yes	Yes

		PHYSICS					
17		COMPUTATIONAL PHYSICS	PHY-355	Yes	Yes	Yes	Yes
18		ELEMENT OF MATERIAL SCIENCE	PHY-356(B)	Yes	Yes	Yes	Yes
19		PHYSICS LABORATORY-3A	PHY-357	Yes	Yes	Yes	Yes
20		PHYSICS LABORATORY-3B	PHY-358	Yes	Yes	Yes	Yes
21		PROJECT-I	PHY-359	Yes	Yes	Yes	Yes
22		SKILL ENHANCEMENT COURSE-I	PHY-3510	Yes	Yes	Yes	Yes
23		SKILL ENHANCEMENT COURSE-II	PHY-3511	Yes	Yes	Yes	Yes
24		SOLID STATE PHYSICS	PHY-361	Yes	Yes	Yes	Yes
25		QUANTUM MECHANICS	PHY-362	Yes	Yes	Yes	Yes
26		THERMODYNAMICS & STAT. PHYSICS	PHY-363	Yes	Yes	Yes	Yes
27		NUCLEAR PHYSICS	PHY-364	Yes	Yes	Yes	Yes
28		(A) ELECTRONICS-II	PHY-365	Yes	Yes	Yes	Yes
29		LASERS	PHY-366(R)	Yes	Yes	Yes	Yes
30		PHYSICS LABORATORY-4A	PHY-367	Yes	Yes	Yes	Yes
31		PHYSICS LABORATORY-4B	PHY-368	Yes	Yes	Yes	Yes
32		PROJECT-II	PHY-369	Yes	Yes	Yes	Yes
33		SKILL ENHANCEMENT COURSE-III	PHY-3610	Yes	Yes	Yes	Yes

34		SKILL ENHANCEMENT COURSE-IV	PHY-3611	Yes	Yes	Yes	Yes
DEPARTMENT OF PHYSICS- PG							
35	M.Sc.-I	MATHEMATICAL METHODS IN PHYSICS	PHCT-111	Yes	Yes	Yes	Yes
36		CLASSICAL MECHANICS	PHCT-112	Yes	Yes	Yes	Yes
37		ELECTRONICS	PHCT-113	Yes	Yes	Yes	Yes
38		GROUP-1 (LASER)	PHOT-114	Yes	Yes	Yes	Yes
39		PHYSICS LAB.- I (ELECTRONICS)	PHCP-115	Yes	Yes	Yes	Yes
40		ELECTRODYNAMICS	PHCT-121	Yes	Yes	Yes	Yes
41		ATOMS & MOLECULES	PHCT-122	Yes	Yes	Yes	Yes
42		QUANTUM MECHANICS	PHCT-123	Yes	Yes	Yes	Yes
43		GROUP-1 (PHY. OF SEM. DEV.)	PHOT-124	Yes	Yes	Yes	Yes
44		PHYSICS LAB.-II	PHCP-125	Yes	Yes	Yes	Yes
45	M.Sc-II	STATISTICAL MECHANICS	PHCT-231	Yes	Yes	Yes	Yes
46		SOLID STATE PHYSICS	PHCT-232	Yes	Yes	Yes	Yes
47		EXPERIMENTAL TECHNIQUES IN PHYSICS-I	PHCT-233	Yes	Yes	Yes	Yes

48	GROUP-II (E.I.-I /MAT.SCI.-I)	PHOT-234	Yes	Yes	Yes	Yes
49	PHYSICS LAB-III	PHCP-235	Yes	Yes	Yes	Yes
50	NUCLEAR PHYSICS	PHCT-241	Yes	Yes	Yes	Yes
51	EXPERIMENTAL TECHNIQUES IN PHYSICS-II	PHCT-242	Yes	Yes	Yes	Yes
52	GROUP-I(THIN/NANO)	PHCT-243	Yes	Yes	Yes	Yes
53	GROUP-II(E.I.-I /MAT.SCI.-I)	PHOT-244	Yes	Yes	Yes	Yes
54	PROJECT	PHCP-245	Yes	Yes	Yes	Yes

DEPARTMENT OF BOTANY

Class and Subject	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
F. Y.B.Sc. Paper I Plant life and Utilization I	It helps to conduct the research in basic Botany	Study the Plants in Human Welfare		The rare and endangered Plant can be conserved
PaperII Plant Morphology And anatomy	It helps to conduct the research in basic Botany	Study the Basic internal Structures of Plants. It will help the understand the plants useful to human beings		To study the adaptations of the plant according to surrounding environment
Plant life and utilizationII	It helps to understand various plants in the environment	Study the Plants in Human Welfare		The rare and endangered Plant can be conserved
Principles of Plant science	Study of research in plant Physiology and Molecular Biology	It helps to understand structure of plant at DNA level		It helps to understand organism at molecular level and restore the DNA in gene Bank
S.Y.B.Sc Taxonomy of Angiosperms and plant ecology	Study of various families of the plant and environment also the research in taxonomy	To study the plant useful in medicine as well as in human welfare		It's knowledge help us to conserved rare species on the earth .
Plant Physiology	It helps to understand physiological processes inside the plants as well as research in plant physiology			
Plant anatomy and Embryology				
Plant Biotechnology	Plant Biotechnology	Plant Biotechnology		Plant Biotechnology
Environmental studies				Environmental studies

T.Y.B.Sc Botany Cryptogamic Botany	Basic research			Cryptogamic Botany
Cell and Molecular Biology	Research in applied botany			
Genetics and evolution		Genetics and evolution		
Spermatophyta and Paleobotany				Spermatophyta and Paleobotany
Horticulture and Floriculture		Horticulture and Floriculture		
Computational Botany	Statistical analysis of research			
Plant Physiology and Biochemistry	Plant Physiology and Biochemistry			
Plant Ecology and Biodiversity				Plant Ecology and Biodiversity
Plant Pathology				Plant Pathology
Medicinal and economic Botany		Medicinal and economic Botany		
Plant Biotechnology	Applied Research			Plant Biotechnology
Plant Breeding and Seed technology	Research			Plant Breeding and Seed technology

DEPARTMENT OF ZOOLOGY

Class and Subject	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
F.Y. B.Sc. Zoology ZO-111 Animal Diversity I	It helps to conduct the research in basic Zoology	Study the Animals in Human Welfare	--	The rare and endangered Animals can be conserved
ZO-112 Animal Ecology	It helps to conduct the research in basic Zoology	Study the Basic internal Structures of Animals. It will help the understand the Animals useful to human beings	--	To study the adaptations of the Animals according to surrounding environment
ZO-121 Animal Diversity II	It helps to understand various Animals in the environment	Study the Animals in Human Welfare	--	The rare and endangered Animals can be conserved
ZO-122 Cell Biology	Study of research in Animals Physiology and Molecular Biology	It helps to understand structure of Animals at DNA level	--	It helps to understand organism at molecular level and restore the DNA in gene Bank
S.Y. B.Sc Zoology ZO-231 Animal Diversity I	Study of various phylum of the animals and helps in environmental research	To study animals useful for humans	--	It's knowledge help us to conserved rare species on the earth.
ZO-232 Applied Zoology II	It helps to understand useful as well as harmful	Rich source of Food	--	Rare species can be conserved

	insects			
ZO-241 Animal Diversity III	Diversity of animals in research	Rich source of	--	Rare species can be conserved
ZO-242 Applied Zoology IV	Basic research		--	Study of Ecology and Biodiversity
T.Y. B.Sc Zoology ZO-351 - Pest Management	Research in applied Zoology	Study insect diseases	--	--
ZO-352 - Histology	Study of cell and tissues in research	Study basic structure of cell	--	--
ZO-354 - Genetics	Scope in research of animal and humans genetics	Genetics and evolution	--	--
ZO-355 - Developmental Biology	Development of animals in research		--	--
ZO-356 - Parasitology	Study of diseases of various animals and humans		--	To understand various diseases and its control measures
ZO 3511 - Poultry Management	Business development	Source of Food	--	Source proteins
ZO 3510 - Aquarium Management	Economic development	Rich Source of Food as proteins	--	Source proteins
ZO 361 - Medical & Forensic Zoology	Treatment of various Disease		--	Animal Pathology
ZO 362 - Animal Physiology	It helps to study different systems in animals		--	--
363 - Molecular Biology	To understand the structure of DNA and RNA		--	Animal Biotechnology

ZO 364 - Entomology	Study useful insects Applied Research		--	Insect study
ZO 365 - Techniques in Biology	Research in Biotechniques		--	--

DEPARTMENT OF COMPUTER SCIENCE

Class and Subject	Professional Ethics	Human Values	Gender Equality	Environment and Sustainability
<p>T.Y. B.Sc. (Comp.Sci.)</p> <p>1) Operating System-I</p> <p>2) Computer Networks</p> <p>3) Java Programming</p> <p>4) Theoretical Computer Science</p> <p>5) Web Technologies</p>	<p>System standards</p> <p>It Should be User Friendly as well as understandable.</p> <p>Programming Standards</p> <p>Theory conceptual learning</p> <p>Website moduler Standards</p>	<p>The operating system for a high-performing contact center</p> <p>Computers and related devices need to be more human</p> <p>To aquire coding knowledge well known</p> <p>Quickly realizable solution of computing</p> <p>Believe in value-neutral technology. Perhaps we believe that issues of value belong only to social scientists</p>	<p>--</p>	<p>System Environment must be varies from each other</p> <p>Computer Network Hardware must be well equiped</p> <p>Java programming language is object oriented</p> <p>Latest version platform dependent</p> <p>To tackle environmental issues is acknowledged worldwide</p>

T.Y. B.Sc. (Comp.Sci.) 1) Operating System-I	System standards	The operating system for a high-performing contact center	-	System Environment must be varies from each other
2) Computer Networks	It Should be User Friendly as well as understandable.	Computers and related devices need to be more human	-	Computer Network Hardware must be well equiped
3) Java Programming	Programming Standards	To aquire coding knowledge well known	-	Java programming language is object oriented
4) Theoretical Computer Science	Theory conceptual learning	Quickly realizable solution of computing	-	Latest version platform dependent
5) Web Technologies	Website moduler Standards	Believe in value-neutral technology. Perhaps we believe that issues of value belong only to social scientists	-	To tackle environmental issues is acknowledged worldwide