

Annexure-2

Details of Core/Elective Courses

Subject SEM-I	Course	Core/ Elective	Credit	Nature of elective (Inter/Multi disciplinary or branch of subject)
		0	4	
Botany	Cell & Molecular Biology	Core	4	Branch of subject
	Bioinstrumentation	Core	4	Branch of subject
	Genetics, Plant breeding and Evolution	Core	4	Branch of subject
	Practicals of PS01CBOT01 and PS01CBOT02	Core	4	Branch of subject
	Practicals of PS01CBOT03 and PS01EBOT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Biostatistics (Selected from given list)	Elective	4	Interdisciplinary
SEM-II				
	Biology and Diversity of lower plants	Core	4	Branch of subject
	Taxonomy & Diversity of seed plants	Core	4	Branch of subject
	Mycology & Plant pathology	Core	4	Branch of subject
	Practicals of PS02CBOT01 and PS02CBOT02	Core	4	Branch of subject
	Practicals of PS02CBOT03 and PS02EBOT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Micro techniques	Elective	4	Interdisciplinary
SEM-III				
	Plant Development & Reproduction	Core	4	Branch of subject
	Plant Physiology & Biochemistry	Core	4	Branch of subject
	Environmental & Ecological principles	Core	4	Branch of subject



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	Practicals of PS03CBOT01 and PS03CBOT02	Core	4	Branch of subject
	Practicals of PS03CBOT03 and PS03EBOT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Systematic Botany (Selected from given list)	Elective	4	Branch of subject
SEM-IV				
	Plant Biotechnology	Core	4	Branch of subject
	Medical Botany & Phytochemistry	Core	4	Branch of subject
	Practicals of PS04CBOT01 and PS04CBOT02	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Phytoresource Utilization & Conservation	Elective	4	Branch of subject
	Horticulture	Elective	4	Branch of subject
	Practicals of PS04EBOT01 and PS04EBOT02 (Selected from given list)	Elective	4	Branch of subject
	Plant Biotechnology	Core	4	Branch of subject
	Medical Botany & Phytochemistry	Core	4	Branch of subject
	Practicals of PS04CBOT01 and PS04CBOT02	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Dissertation	Elective	12	Branch of subject
SEM-I				
Biochemistry	Cell Biology and Genetics	Core	4	Branch of subject
	Bioinstrumentation	Core	4	Branch of subject
	Cellular Metabolism	Core	4	Branch of subject
	Practicals of PS04CBIC01 and PS04CBIC02	Core	4	Branch of subject
	Practicals of PS04CBIC03 and PS04EBIC01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Biostatistics (Selected from given list)	Elective	4	Interdisciplinary



SEM-II		1		
SENI-II	Mologylan Diology	Com	1	Dranch of subject
	Molecular Biology Biochemical and	Core	4	Branch of subject
	Environmental	Core	4	Branch of subject
	Toxicology			
	Enzymology	Core	4	Branch of subject
	Practicals of	Core	4	Branch of subject
	PS02CBIC01 and	Core	•	Drahen of subject
	PS02CBIC02			
	Practicals of	Core	4	Branch of subject
	PS02CBIC03 and			
	PS02EBIC01			
	Viva voce	Core	1	Branch of subject
	Phytoresource	Elective	4	Interdisciplinary
	Utilization and			
	Conversation (Selected			
	from given list)			
SEM-III		a a a a a a a a a a a a a a a a a a a		D
	r- DNA Technology	Core	4	Branch of subject
	Immunology	Core	4	Branch of subject
	Human Physiology	Core	4	Branch of subject
	Practicals of	Core	4	Branch of subject
	PS03CBIC01 and			
	PS03CBIC02	0	4	
	Practicals of	Core	4	Branch of subject
	PS03CBIC03 and PS03EBIC01			
	Viva voce	Core	1	Branch of subject
	Plant Biochemistry	Elective	4	Branch of subject
	(Selected from given	Liecuve	4	Dialicit of Subject
	list)			
SEM-IV				
	Animal Biotechnology	Core	4	Branch of subject
	Nutritional & Clinical	Core	4	Branch of subject
	Biochemistry	Core	•	Drahen of Subject
	Practical of	Core	4	Branch of subject
	PS04CBIC01 and			5
	PS04CBIC02			
	Viva voce	Core	1	Branch of subject
	Plant Biotechnology	Elective	4	Interdisciplinary
	Bioinformatics	Elective	4	Interdisciplinary
	Practical of	Elective	4	Interdisciplinary
	PS04EBIC01 and			1 2
	PS04EBIC02 (Selected			
	from given list)			
	Animal Biotechnology	Core	4	Branch of subject
	Nutritional & Clinical	Core	4	Branch of subject



	Biochemistry			
	Practical of PS04CBIC01 and PS04CBIC02	Core	4	Branch of subject
	Viva – voce	Core	1	Branch of subject
	Dissertation	Elective	12	Branch of subject
SEM-I				
Biotechnology	Molecular Biology	Core	4	Branch of subject
	Bioinstrumentation	Core	4	Branch of subject
	Cellular Biology and Genetics	Core	4	Branch of subject
	Practicals of PS04CBIT01 and PS04CBIT02	Core	4	Branch of subject
	Practicals of PS04CBIT03 and PS04EBIT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Biochemistry (Selected from given list)	Elective	4	Interdisciplinary
SEM-II				
	Bioprocess & Biochemical Engineering	Core	4	Branch of subject
	Microbial Genetics	Core	4	Branch of subject
	Genetic engineering & Bioinformatics	Core	4	Branch of subject
	Practicals of PS02CBIT01 and PS02CBIT02	Core	4	Branch of subject
	Practicals of PS02CBIT03 and PS02EBIT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Biostatistics (Selected from given list)	Elective	4	Interdisciplinary
SEM-III				
	Microbial Biotechnology	Core	4	Branch of subject
	Immunology	Core	4	Branch of subject
	Enzymology	Core	4	Branch of subject
	Practicals of PS03CBIT01 and PS03CBIT02	Core	4	Branch of subject
	Practicals of PS03CBIT03 and PS03EBIT01	Core	4	Branch of subject



	Viva voce	Core	1	Branch of subject
	Human Physiology (Selected from given list)	Elective	4	Interdisciplinary
SEM-IV				
	Plant Biotechnology	Core	4	Branch of subject
	Environmental Biotechnology	Core	4	Branch of subject
	Practicals of PS04CBIT01 and PS04CBIT02	Core	4	Branch of subject
	Viva – voce	Core	1	Branch of subject
	Dissertation	Elective	12	Branch of subject
SEM-I				
Industrial Biotechnology	Molecular Biology	Core	4	Branch of subject
	Bioinstrumentation	Core	4	Branch of subject
	Chemical Engineering & Thermodynamics of Biological Systems	Core	4	Branch of subject
	Practicals of PS01CIBT01 and PS01CIBT02	Core	4	Branch of subject
	Practicals of PS01CIBT03 and PS01EIBT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Cell biology and Genetics (Selected from given list)	Elective	4	Interdisciplinary
SEM-II				
	Bioprocess and Biochemical Engineering	Core	4	Branch of subject
	Transport processes and Downstream processing	Core	4	Branch of subject
	Genetic Engineering and Bioinformatics	Core	4	Branch of subject
	Practicals of PS02CIBT01 and PS02CIBT02	Core	4	Branch of subject
	Practicals of PS02CIBT03 and PS02EIBT01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Biostatistics (Selected	Elective	4	Interdisciplinary



	from given list)			
SEM-III				
	Microbial	Core	4	Branch of subject
	Biotechnology			
	Immunology	Core	4	Branch of subject
	Enzymology	Core	4	Branch of subject
	Practicals of	Core	4	Branch of subject
	PS03CIBT01 and			
	PS03CIBT02			
	Practicals of	Core	4	Branch of subject
	PS03CIBT03 and			
	PS03EIBT01			
	Viva voce	Core	1	Branch of subject
	Human Physiology	Elective	4	Interdisciplinary
	(Selected from given			
	list)			Dura to forely a forely a st
SEM-IV			4	Branch of subject
	Animal and Plant	Core	4	Branch of subject
	Biotechnology Environmental	Core	4	Branch of subject
	Biotechnology	Cole	4	Branch of subject
	Practicals of	Core	4	Branch of subject
	PS04CBOT01 and	Cole	-	Drahen of subject
	PS04CBOT02			
	Dissertation	Core	1	Branch of subject
	Viva voce	Elective	4	Branch of subject
SEM-I				
Microbiology	Molecular Biology	Core	4	Branch of subject
	Bioinstrumentation	Core	4	Branch of subject
	Cell Biology and	Core	4	Branch of subject
	Biochemistry	Cole	т	Drahen of subject
	Practicals of	Core	4	Branch of subject
	PS01CMIC01 and			j
	PS01CMIC02			
	Practicals of	Core	4	Branch of subject
	PS01CMIC03 and			
	PS01EMIC01			
	Viva voce	Core	1	Branch of subject
	Biostatistics (Selected	Elective	4	Interdisciplinary
	from given list)			
SEM-II				
	Bioprocess and	Core	4	Branch of subject
	Biochemical			
	Engineering			
	Microbial Genetics	Core	4	Branch of subject
	Immunology	Core	4	Branch of subject



	Practicals of PS02CMIC01 and PS02CMIC02	Core	4	Branch of subject
	Proceeding	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Phytoresource Utilization & Conversation (Selected from given list)	Elective	4	Interdisciplinary
SEM-III				
	Microbial Biotechnology	Core	4	Branch of subject
	Environmental Microbiology and Systematics	Core	4	Branch of subject
	Enzymology	Core	4	Branch of subject
	Practicals of PS03CMIC01 and PS03CMIC02	Core	4	Branch of subject
	Practicals of PS03CMIC03 and PS03EMIC01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Plant Biotechnology (Selected from given list)	Elective	4	Interdisciplinary
SEM-IV				
	r- DNA Technology	Core	4	Branch of subject
	Environmental Biotechnology	Core	4	Branch of subject
	Practicals of PS04CMIC01 and PS04CMIC02	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Microbial Physiology	Elective	4	Interdisciplinary
	Bioinformatics	Elective	4	Interdisciplinary
	Practicals of PS04EMIC01 and PS04EMIC02 (Selected from given list)	Elective	4	Branch of subject
	r- DNA Technology	Core	4	Branch of subject
	Environmental Biotechnology	Core	4	Branch of subject
	Practicals of PS04CMIC01 and	Core	4	Branch of subject



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	PS04CMIC02			
	Viva - voce	Core	1	Branch of subject
	Dissertation	Elective	12	Branch of subject
SEM-I				
Zoology	Evolutionary Biology and Biodiversity	Core	4	Branch of subject
	Bioinstrumentation	Core	4	Branch of subject
	Molecular Cell Biology	Core	4	Branch of subject
	Practicals of PS01CZOO01 and PS01CZOO02	Core	4	Branch of subject
	Practicals of PS01CZOO03 and PS01EZOO01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Molecular and Clinical Genetics (Selected from given list)	Elective	4	Interdisciplinary
SEM-II				
	Environmental Biology and Toxicology	Core	4	Branch of subject
	Biology of Animal Behavior	Core	4	Branch of subject
	Development Biology	Core	4	Branch of subject
	Practicals of PS02CZOO01 and PS02CZOO02	Core	4	Branch of subject
	Practicals of PS02CZOO03 and PS02EZOO01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject
	Biological chemistry (Selected from given list)	Elective	4	Interdisciplinary
SEM-III				
	Aquaculture Technologies	Core	4	Branch of subject
	Immunology	Core	4	Branch of subject
	Applied Physiology	Core	4	Branch of subject
	Practicals of PS03CZOO01 and PS03CZOO02	Core	4	Branch of subject
	Practicals of PS03CZOO03 and PS03EZOO01	Core	4	Branch of subject
	Viva voce	Core	1	Branch of subject



	Biostatistics (Selected	Elective	4	Interdisciplinary
	from given list)	Liective	4	intertitscipiniai y
SEM-IV				
	Molecular and Applied	Core	4	Branch of subject
	Endocrinology	Cole	4	Dialicit of Subject
	Animal Biotechnology	Core	4	Branch of subject
	Practicals of	Core	4	Branch of subject
	PS04CZOO01 and	Cole	-	Drahen of subject
	PS04CZOO02			
	Viva voce	Core	1	Branch of subject
	Nutritional & Clinical	Elective	4	Interdisciplinary
	Biochemistry	Licetive	•	interaiseipintary
	Micro techniques	Elective	4	Interdisciplinary
	Practicals of	Elective	4	Branch of subject
	PS04EZOO01 and			
	PS04EZOO02 (Selected			
	from given list)			
	Molecular and Applied	Core	4	Branch of subject
	Endocrinology			
	Animal Biotechnology	Core	4	Branch of subject
	Practicals of	Core	4	Branch of subject
	PS04CZOO01 and			
	PS04CZOO02			
	Viva - voce	Core	1	Branch of subject
	Dissertation	Elective	12	Branch of subject
SEM-I				
Chemistry	Inorganic Chemistry-I	Core	4	Branch of subject
	Organic Chemistry-I	Core	4	Branch of subject
	Physical Chemistry-I	Core	4	Branch of subject
	PS01CCHE04 & 05	Core	4 + 4	Branch of subject
	Practical			5
	General Viva Voce	Core	1	Branch of subject
	Polymer Chemistry-I	Elective	4	Interdisciplinary
	Applied and Industrial	Elective	4	Interdisciplinary
	Chemistry			
SEM-II				
	Inorganic Chemistry-II	Core	4	Branch of subject
	Organic Chemistry-II	Core	4	Branch of subject
	Physical Chemistry-II	Core	4	Branch of subject
	PS02CCHE04 & 05	Core	4 + 4	Branch of subject
	Practical	0.010		
	PS02CCHE06 General	Core	1	Branch of subject
	Viva Voce		-	
	Analytical Chemistry	Elective	4	Interdisciplinary
	Analytical Chemistry			
	Introduction to	Elective	4	Interdisciplinary



SEM-III	ORG.Chemistry			
	Spectroscopy - I	Core	4	Branch of subject
	Organic Synthesis – A Disconnection Approach	Core	4	Branch of subject
	Heterocyclic Chemistry	Core	4	Branch of subject
	PS03CORC04 & 05 Practicals	Core	4 + 4	Branch of subject
	General Viva-Voce	Core	1	Branch of subject
	Synthetic dyes and Pigments	Elective	4	Interdisciplinary
	Selected Topics In Advanced Inorganic Chemistry	Elective	4	Interdisciplinary
	Separation Methods	Elective	4	Interdisciplinary
	Mechanical and Electrical Properties of Polymer-I	Elective	4	Interdisciplinary
	Physical Chemistry			
	Spectroscopy – I	Core	4	Branch of subject
	Nuclear Chemistry	Core	4	Branch of subject
	Selected Topics in Physical Chemistry	Core	4	Branch of subject
	PS03CPHC04 & 05Practicals	Core	4 + 4	Branch of subject
	General Viva-Voce	Core	1	Branch of subject
	Synthetic dyes and Pigments	Elective	4	Interdisciplinary
	Selected Topics In Advanced Inorganic Chemistry	Elective	4	Interdisciplinary
	Separation Methods	Elective	4	Interdisciplinary
	Mechanical and Electrical Properties of Polymer-I	Elective	4	Interdisciplinary
	<u>Analytical</u> <u>CHEMISTRY</u>			
	Spectroscopy – I	Core	4	Branch of subject
	Elements of analytical Chemistry	Core	4	Branch of subject
	Basic and Thermal of Methods	Core	4	Branch of subject
	PS03CANC04 & 05 Practicals	Core	4 + 4	Branch of subject
	General Viva-Voce	Core	1	Branch of subject
	Synthetic dyes and Pigments	Elective	4	Interdisciplinary



Selected Topics In Advanced Inorganic Chemistry	Elective	4	Interdisciplinary
Separation Methods	Elective	4	Interdisciplinary
Mechanical and Electrical Properties of	Elective	4	Interdisciplinary
Polymer-I			
Inorganic CHEMISTRY			
Spectroscopy – I	Core	4	Branch of subject
Nuclear Chemistry	Core	4	Branch of subject
Organmetallic Compounds & Complex Equilibria	Core	4	Branch of subject
PS03CINC04 & 05 Practicals	Core	4 + 4	Branch of subject
General Viva-Voce	Core	1	Branch of subject
Synthetic dyes and Pigments	Elective	4	Interdisciplinary
Selected Topics In Advanced Inorganic Chemistry	Elective	4	Interdisciplinary
Separation Methods	Elective	4	Interdisciplinary
Mechanical and Electrical Properties of Polymer-I	Elective	4	Interdisciplinary
Industrial Polymer CHEMISTRY			Branch of subject
Spectroscopy – I	Core	4	Branch of subject
Manufactures, Properties & Applications of Thermosets and Rubers	Core	4	Branch of subject
Polymer Structure and Properties-I	Core	4	Branch of subject
PS03CIPC04 & 05 Practicals	Core	4 + 4	Branch of subject
 General Viva-Voce	Core	1	Branch of subject
Synthetic dyes and Pigments	Elective	4	Interdisciplinary
Selected Topics In Advanced Inorganic Chemistry	Elective	4	Interdisciplinary
Separation Methods	Elective	4	Interdisciplinary
Mechanical and Electrical Properties of Polymer-I	Elective	4	Interdisciplinary



ORGANIC CHEMISTRY			
	Core	4	Branch of subject
			Branch of subject
organic Compounds	Core	4	Branch of subject
PS04CORC04 & 05 Practicals	Core	4 + 4	Branch of subject
	Core	1	Branch of subject
	Elective	4	Interdisciplinary
			Interdisciplinary
Bioinorganic Chemistry			
	Elective	4	Interdisciplinary
Selected Topics in	Elective	4	Interdisciplinary
Environmental	Elective	4	Interdisciplinary
Physical			
	Core	4	Branch of subject
			Branch of subject
Electroanalytical	Core	4	Branch of subjec
PS04CPHC04 & 05	Core	4+4	Branch of subjec
	Corre	1	Dranch of subias
			Branch of subjec
~			Interdisciplinary
Reaction Mechanism & Bioinorganic Chemistry	Elective	4	Interdisciplinary
Selected Topics in Physical Chemistry-II	Elective	4	Interdisciplinary
Selected Topics in	Elective	4	Interdisciplinary
Environmental	Elective	4	Interdisciplinary
Analytical			Branch of subjec
	Core	4	Branch of subject
Electro-analytical	Core	4	Branch of subjec
Analysis of Industrial	Core	4	Branch of subject
PS04CANC04 & 05	Core	4+4	Branch of subjec
	Core	1	Branch of subjec
			Interdisciplinary
	CHEMISTRYSpectroscopy – IINatural ProductsStereochemistry of organic CompoundsPS04CORC04 & 05 PracticalsGeneral Viva-VoceMedicinal ChemistryReaction Mechanism & Bioinorganic ChemistrySelected Topics in Physical Chemistry-IISelected Topics in Physical Chemistry-IISelected Topics in PolymersPhysical CHEMISTRYSpectroscopy – II Solid State ChemistryElectroanalytical MethodsPS04CPHC04 & 05 PracticalsGeneral Viva-VoceMedicinal ChemistrySelected Topics in Plysical CHEMISTRYSolid State ChemistrySelected Topics in 	CHEMISTRYSpectroscopy – IICoreNatural ProductsCoreorganic CompoundsCorePS04CORC04 & 05CorePracticalsCoreMedicinal ChemistryElectiveBioinorganic ChemistryElectiveSelected Topics in Physical Chemistry-IIElectiveSelected Topics in Physical Chemistry-IIElectiveSelected Topics in Physical ChemistryElectiveSelected Topics in Physical ChemistryElectiveSelected Topics in PolymersElectiveSetectal Sected Topics in PolymersElectiveSectorscopy – IICoreSpectroscopy – IICoreSolid State ChemistryCorePracticalsCorePracticalsCorePracticalsCoreSelected Topics in PhysicalElectiveSpectroscopy – IICoreSelectorscopy – IICoreSelectorscopy – IICoreSelectorscopy – IICorePracticalsCorePracticalsCoreSelected Topics in Physical ChemistryElectiveBioinorganic ChemistryElectiveSelected Topics in Physical Chemistry-IIElectiveSelected Topics in Physical Chemistry-IIElectiveSelected Topics in Physical Chemistry-IIElectiveSelected Topics in Physical Chemistry-IIElectiveSelected Topics in Physical ChemistryElectiveSelected Topics in Physical ChemistryElective <td< td=""><td>CHEMISTRYCoreSpectroscopy – IICore4Natural ProductsCore4Stereochemistry of organic CompoundsCore4PS04CORC04 & 05 PracticalsCore1Medicinal ChemistryElective4Reaction Mechanism & Bioinorganic ChemistryElective4Selected Topics in Physical Chemistry-IIElective4Selected Topics in PolymersElective4Environmental ChemistryElective4Spectroscopy – IICore4Solid State ChemistryCore4Solid State ChemistryCore4Solid State ChemistryCore4Medicinal ChemistryCore4Solid State ChemistryCore4MethodsCore1Medicinal ChemistryElective4Solid State ChemistryCore4MethodsCore1Medicinal ChemistryElective4PracticalsCore1Selected Topics in Physical ChemistryElective4Selected Topics in Physical Chemistry-IIElective4Selected Topics in Physical ChemistryElective4Selected T</td></td<>	CHEMISTRYCoreSpectroscopy – IICore4Natural ProductsCore4Stereochemistry of organic CompoundsCore4PS04CORC04 & 05 PracticalsCore1Medicinal ChemistryElective4Reaction Mechanism & Bioinorganic ChemistryElective4Selected Topics in Physical Chemistry-IIElective4Selected Topics in PolymersElective4Environmental ChemistryElective4Spectroscopy – IICore4Solid State ChemistryCore4Solid State ChemistryCore4Solid State ChemistryCore4Medicinal ChemistryCore4Solid State ChemistryCore4MethodsCore1Medicinal ChemistryElective4Solid State ChemistryCore4MethodsCore1Medicinal ChemistryElective4PracticalsCore1Selected Topics in Physical ChemistryElective4Selected Topics in Physical Chemistry-IIElective4Selected Topics in Physical ChemistryElective4Selected T



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	Reaction Mechanism & Bioinorganic Chemistry	Elective	4	Interdisciplinary
	Selected Topics in Physical Chemistry-II	Elective	4	Interdisciplinary
	Selected Topics in Polymers	Elective	4	Interdisciplinary
	Environmental Chemistry	Elective	4	Interdisciplinary
	Inorganic CHEMISTRY			
	Spectroscopy – II	Core	4	Branch of subject
	Solid State Chemistry	Core	4	Branch of subject
	Inorganic Polymers and Inorganic Spectroscopy	Core	4	Branch of subject
	PS04CINC04 & 05 Practicals	Core	4 + 4	Branch of subject
	General Viva-Voce	Core	1	Branch of subject
	Medicinal Chemistry	Elective	4	Interdisciplinary
	Reaction Mechanism & Bioinorganic Chemistry	Elective	4	Interdisciplinary
	Selected Topics in Physical Chemistry-II	Elective	4	Interdisciplinary
	Selected Topics in Polymers	Elective	4	Interdisciplinary
	Environmental Chemistry	Elective	4	Interdisciplinary
	Industrial Polymer CHEMISTRY			Branch of subject
	Spectroscopy – II	Core	4	Branch of subject
	Manufactures Properties and Applications of Thermoplastics	Core	4	Branch of subject
	Processing of Polymers	Core	4	Branch of subject
	PS04CIPC04 & 05 Practicals	Core	4 + 4	Branch of subject
	General Viva-Voce	Core	1	Branch of subject
	Medicinal Chemistry	Elective	4	Interdisciplinary
	Reaction Mechanism & Bioinorganic Chemistry	Elective	4	Interdisciplinary
	Selected Topics in Physical Chemistry-II	Elective	4	Interdisciplinary
	Selected Topics in Polymers	Elective	4	Interdisciplinary
	Environmental Chemistry	Elective	4	Interdisciplinary



SEM-I				
Biomedical/Earth Sci/etc	Elements of Physical Science	Core	4	Branch of subject
	Elements of Chemical Science	Core	4	Branch of subject
	Elements of Biological Science	Core	4	Branch of subject
	Quantitation of Biological molecules & Introduction to Laboratory Medicine	Elective	4	Multidisciplinary
	Thermodynamics, Phase Equilibria and Properties of Matter	Elective	4	Multidisciplinary
	Planet Earth and its Subsystems	Elective	4	Multidisciplinary
	Mathematical and Statistical Tools for Applied Science I	Core	4	Branch of subject
	Practical in Physical, Chemical and Biological Sciences	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-II				
	Synthesis and Properties of Materials	Core	4	Branch of subject
	Instrumentation	Core	4	Branch of subject
	Characterization Techniques	Core	4	Branch of subject
	Environmental Science, Health & Safety	Elective	4	Multidisciplinary
	System Physiology	Elective	4	Multidisciplinary
	Computer aided design (CAD) & computer aided manufacturing (CAM)	Elective	4	Multidisciplinary
	Earth Materials, Surface Features and Interior Processes	Elective	4	Multidisciplinary
	Experimental Methods- I	Core	4	Branch of subject
	Experimental Methods- II	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-III				
	Molecular Biology and Clinical Genetics	Core	4	Branch of subject



	Biomaterials and	Core	4	Branch of subject
	Bionanotechnology			
	Clinical and Applied Physiology	Core	4	Branch of subject
	Clinical Biochemistry	Elective	4	Multidisciplinary
	Methods in Biology	Elective	4	Multidisciplinary
	Experimental Methods- III	Core	4	Branch of subject
	Experimental Methods- IV	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-IV	CHOICE-I			5
	Medical Imaging, Medical Sensors and Diagnostics	Core	4	Branch of subject
	Advanced Biomaterials and Related Anatomy	Core	4	Branch of subject
	Clinical Pharmacology and Toxicology	Core	4	Branch of subject
	Biodynamics	Elective	4	Multidisciplinary
	Immunobiology	Elective	4	Multidisciplinary
	Project Work	Elective	8	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	CHOICE-II			5
	Medical Imaging, Medical Sensors and Diagnostics	Core	4	Branch of subject
	Advanced Biomaterials and Related Anatomy	Core	4	Branch of subject
	Experimental Methods- V	Core	4	Branch of subject
	Project Work	Core	12	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	CHOICE-III			
	Project Work	Core	24	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-III	1			5
	Chemical Science	Core	4	Branch of subject
	Physical Science	Core	4	Branch of subject
	Polymer Science	Core	4	Branch of subject
	Nano Science and Materials	Elective	4	Multidisciplinary
	Physical Characterization of Advanced Materials	Elective	4	Multidisciplinary
	Experimental Methods-	Core	4	Branch of subject



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	III			
	Experimental Methods- IV	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-IV	-			
	CHOICE-I			
	Sensors and Devices	Core	4	Branch of subject
	Antenna Systems and Radars	Core	4	Branch of subject
	Composite Materials & Its Applications to Defense needs	Core	4	Branch of subject
	Robotics & Manufacturing Systems	Elective	4	Multidisciplinary
	Automation and Control	Elective	4	Multidisciplinary
	Project Work	Core	8	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	CHOICE-II			
	Sensors and Devices	Core	4	Branch of subject
	Antenna Systems and Radars	Core	4	Branch of subject
	Experimental Methods- V	Core	4	Branch of subject
	Project Work	Core	12	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	CHOICE-III			
	Project Work	Core	24	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-I				
M.Sc.Bioinformatic	Fundamentals of Biology	Core	4	Branch of subject
	Molecular Biology & Recombinant rDNA Technology	Core	4	Branch of subject
	IT Fundamentals	Core	4	Branch of subject
	Biocomputing Fundamentals	Elective	4	Multidisciplinary
	Foundation of Biochemistry and Molecular Biology	Elective	4	Multidisciplinary
	Experimental Methods- I	Core	4	Branch of subject
	Experimental Methods- II	Core	4	Branch of subject
	Comprehensive viva	Core	1	Branch of subject
SEM-II				



	Basic & Advanced	Core	4	Branch of subject
	Sequence Analysis			
	Principles of	Core	4	Branch of subject
	Mathematics &			
	Biostatistics	ã		
	Database in Life	Core	4	Branch of subject
	Sciences			
	Web Application	Elective	4	Multidisciplinary
	Development In			
	Bioinformatics			
	Fundamentals of	Elective	4	Multidisciplinary
	Algorithms	ã		
	Experimental Methods- III	Core	4	Branch of subject
	Experimental Methods- IV	Core	4	Branch of subject
	Comprehensive viva	Core	1	Branch of subject
SEM-III				5
	Genomics &	Core	4	Branch of subject
	Proteomics	Core		Drahen of Subject
	Computational	Core	4	Branch of subject
	Structural Biology		-	
	Advance Algorithms in	Core	4	Branch of subject
	Computing		-	
	Graphics & Animation	Elective	4	Multidisciplinary
	Introduction of System Biology	Elective	4	Multidisciplinary
	Experimental Methods- V	Core	4	Branch of subject
	Experimental Methods- VI	Core	4	Branch of subject
	Comprehensive viva	Core	1	Branch of subject
SEM-IV			-	
	Project	Core	12	Branch of subject
	Project	Core	12	Branch of subject
	5			
~~~~~	Comprehensive viva	Core	1	Branch of subject
SEM-I		Core	4	Branch of subject
PG Diploma in Defense Material	Elements of Chemical Science	Core	4	Branch of subject
	Elements of Physical Science	Core	4	Branch of subject
	Polymer Science	Elective	4	Multidisciplinary
	Materials Science	Core	4	Branch of subject
	Experimental Methods- I	Core	4	Branch of subject
	Experimental Methods-	Core	1	Branch of subject



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	Comprehensive Viva			Branch of subject
SEM-II				-
	Sensors and Devices	Core	4	Branch of subject
	Robotics and	Core	4	Branch of subject
	Manufacturing System			5
	Project Work /	Core	16	Branch of subject
	Dissertation			
	Comprehensive Viva	Core	1	Branch of subject
SEM-I				
MCA	Mathematical	Core	4	Branch of subject
	Foundation of			
	Computer Science			
	Business Applications	Foundat ion	4	Interdisciplinary
	Computer Programming	Core	4	Branch of subject
	and Problem Solving			
	Logical Organization of	Core	4	Branch of subject
	Computers			, in the second s
	Database Management	Core	4	Branch of subject
	Systems- I			5
	PS01CMCA04 :	Core	5	Branch of subject
	Practicals			
SEM-II				
	Statistical and	Core	4	Branch of subject
	Optimization			
	Techniques			
	Computer Networks – I	Core	4	Branch of subject
	Systems Analysis and	Core	4	Branch of subject
	Design			
	Data Structures and	Core	4	Branch of subject
	Advanced			
	Programming Concepts	~		
	Database Management	Core	4	Branch of subject
	Systems – II		~	
	PS02CMCA05 :	Core	5	Branch of subject
SEM III	Practicals			
SEM-III		C	4	
	Operating System	Core	4	Branch of subject
	Principles Object Oriented	Cont	Λ	Duon ch of subject
	Object Oriented Programming Using	Core	4	Branch of subject
	Java			
	The .NET Technology	Core	4	Branch of subject
	Analysis and Design of	Core	4	Branch of subject
	Algorithms	COIC	4	Branch of Subject
	System Software	Core	4	Branch of subject
	PS03CMCA06 :	Core	5	Branch of subject
	I SUSCINCAUU.	Cole	5	Dranch of Subject



	Practicals			
SEM-IV				
	The Linux Operating System	Core	4	Branch of subject
	Compiler Design	Core	4	Branch of subject
	Computer Networks-II	Core	4	Branch of subject
	Software Engineering	Core	4	Branch of subject
	Web Application Development Technology	Core	4	Branch of subject
	PS04CMCA06 : Practicals	Core	5	Branch of subject
SEM-V				
	Trends in Information and Communication Technology	Elective	4	Branch of subject
	Advanced Java Programming	Elective		Branch of subject
	Application Development for the Android Platform	Elective		Branch of subject
	Bioinformatics	Elective		Interdisciplinary
	Artificial Intelligence	Core	4	Branch of subject
	Distributed Systems, Parallel Computing and Simulation	Core	4	Branch of subject
	Business Information Systems	Core	4	Branch of subject
	Computer Graphics	Core	4	Branch of subject
	Inhouse Project Work	Core	5	Branch of subject
SEM-VI				
	Project Work	Core	25	Branch of subject
SEM-I				-
M.Sc.IT	Introduction to Information Science	Core	4	Branch of subject
	Advanced Programming Concepts & Data Structures	Core	4	Branch of subject
	Introduction to Theoretical Computer Science	Core	4	Branch of subject
	RDBMS & Client Server Computing	Core	4	Branch of subject
	Operating System Concepts	Core	4	Branch of subject
	Practical based on 102 & 104	Core	5	Branch of subject



SEM-II				
	Modern MIS	Core	4	Branch of subject
	Techniques	Cole	4	Dialicit of Subject
	Systems and	Elective	4	Branch of subject
	Information Concepts in	Licetive	•	Branen of subject
	Organization			
	E-Commerce and M-	Elective	4	Branch of subject
	Commerce			jer
	Trends in ICT	Elective	4	Branch of subject
	Software Engineering	Core	4	Branch of subject
	Visual Programming	Core	4	Branch of subject
	Web Programming	Core	4	Branch of subject
	Practicals based on 204	Core	5	Branch of subject
	& 205	Core	5	Drahen of Subject
SEM-III				
	Java Programming	Core	4	Branch of subject
	Data Communication	Core	4	Branch of subject
	and Networking			j
	Information Security	Core	4	Branch of subject
	Artificial Intelligence	Elective	4	Branch of subject
	Data Mining and Data	Elective	4	Branch of subject
	Warehousing			5
	Multimedia and	Elective	4	Branch of subject
	Computer Graphics			
	Mobile Application	Elective	4	Branch of subject
	Development Using			
	Android and Windev			
	Distributed Application	Core	4	Branch of subject
	Development			
	Technology	~		
	Practicals based on 301	Core	5	Branch of subject
	& 305			
SEM-IV		C	10	
	Project Work	Core	18	Branch of subject
	Seminar	Core	7	Branch of subject
M.Sc. I Sem.		~		
Electronics	Semiconductor Science	Core	4	Branch of subject
	& Devices	C	4	
	Applications Of ICS &	Core	4	Branch of subject
	Fuzzy Electronics		4	
	Microprocessor &	Core	4	Branch of subject
	Microcontroller			
	Systems Practical	Corro	Λ	Pronch of outing
		Core	4	Branch of subject
	Project Work	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject



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	Analytical And Biomedical Instruments	Elective	4	Multidisciplinary
	Network Analysis	Elective	4	Interdisciplinary
M.Sc. II Sem.				
	Electromagnetism & Antenna Theory	Core	4	Branch of subject
	Microprocessor & Real Time Systems	Core	4	Branch of subject
	Programming In C - C++	Core	4	Interdisciplinary
	Practical	Core	4	Branch of subject
	Project Work	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Industrial Electronics	Elective	4	Multidisciplinary
	Advanced Electronic Science & Devices	Elective	4	Branch of subject
M.Sc. III Sem.				
	Principles Of Control Systems	Core	4	Branch of subject
	Digital And Microwave Communication Systems	Core	4	Branch of subject
	Computer Hardware & Networking	Core	4	Branch of subject
	Practical	Core	4	Branch of subject
	Project Work	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Thin Film Technology	Elective	4	Interdisciplinary
	Digital Signal Processing	Elective	4	Interdisciplinary
M.Sc. IV Sem.				
	IC Fabrication Technology	Core	4	Branch of subject
	Fiber Optics & Its Application	Core	4	Branch of subject
	Sensor Technology	Core	4	Branch of subject
	Practical	Core	4	Branch of subject
	Project Work	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Design Of VLSI Systems	Elective	4	Branch of subject
	Computer Based Industrial Control	Elective	4	Multidisciplinary
	Principles Of Nanoelectronics	Elective	4	Multidisciplinary
SEM-I				



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Materials Science	Basic Concepts In Materials Science	Core	4	Branch of subject
	Interfacial Aspects Of	Core	4	Branch of subject
	Materials Science			
	Thin Film Materials	Core	4	Branch of subject
	Polymer Science	Core	4	Branch of subject
	Practical - I	Core	4	Branch of subject
	Practical - Ii	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-II				
	Semiconducting And Superconducting Materials	Core	4	Branch of subject
	Spectroscopy	Core	4	Branch of subject
	Microstructure Control And Metallic Processing	Core	4	Branch of subject
	Practical - I	Core	4	Branch of subject
	Practical - Ii	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Defect Structure And Properties Of Materials	Elective	4	Multidisciplinary
	Solar Energy	Elective	4	Multidisciplinary
SEM-III				
	Glass,Ceramic And Carbon Materials	Core	4	Branch of subject
	Modern Characterization Techniques	Core	4	Branch of subject
	Practical - I	Core	4	Branch of subject
	Practical - Ii	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Fibers,Plastics And Elastomers	Core	4	Branch of subject
	Composite Materials	Elective	4	Multidisciplinary
	Testing Methods For And Rubbers	Elective	4	Multidisciplinary
SEM-IV				
	Selected Topics In Nanoscience And Nanotechnology	Core	4	Branch of subject
	Optical, Magnetic And Dielectric Properties Of Materials	Core	4	Branch of subject
	Project Work	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject



	Engineering Polymers	Core	4	Branch of subject
	Materials &	Elective	4	Multidisciplinary
	Environment			1 5
	Ceramic Technology	Elective	4	Multidisciplinary
SEM-I				
Mathematics	Complex Analysis-I	Core		Branch of subject
	Topology- I	Core		Branch of subject
	Functions of Several Real Variables	Core		Branch of subject
	Linear Algebra	Core		Branch of subject
	Methods of Differential	Core		Branch of subject
	Equations			
	Mathematical Classical Mechanics	Elective		Interdisciplinary
	C Programming and Mathematical algorithms I	Elective		Interdisciplinary
	Graph Theory -I	Elective		Branch of subject
	Comprehensive Viva Voce	Core		Branch of subject
SEM-II				
	Real Analysis I	Core	4	Branch of subject
	Algebra I	Core	4	Branch of subject
	Differential Geometry	Core	4	Branch of subject
	Functional Analysis I	Core	4	Branch of subject
	Methods of Partial	Core	4	Branch of subject
	Differential Equations			5
	Mathematical Classical Mechanics	Elective	4	Branch of subject
	C Programming and Mathematical algorithms I	Elective	4	Branch of subject
	Graph Theory I	Elective	4	Branch of subject
	Comprehensive Viva Voce	Core	1	Branch of subject
SEM-III				
	Real Analysis II	Core	4	Branch of subject
	Mathematical Methods I	Core	4	Branch of subject
	Functional Analysis II	Elective	4	Branch of subject
	Banach Algebras	Elective	4	Branch of subject
	Problems and Exercises in Mathematics II	Elective	4	Branch of subject
	Differential Manifold I	Elective	4	Branch of subject
	Financial Mathematics I	Elective	4	Branch of subject
	Operations Research	Elective	4	Branch of subject



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	C Programming and Mathematical Algorithms I	Elective	4	Branch of subject
	Relativity I	Elective	4	Branch of subject
	Mathematics Education I	Elective	4	Branch of subject
	Graph Theory II	Elective	4	Branch of subject
	C Programming and Mathematical algorithms II	Elective	4	Branch of subject
	Comprehensive Viva Voce	Core	1	Branch of subject
SEM-IV				
	Complex Analysis II	Core	4	Branch of subject
	Mathematical Methods II	Core	4	Branch of subject
	Algebra II	Elective	4	Branch of subject
	Problems and Exercises in Mathematics III	Elective	4	Branch of subject
	Operator Theory	Elective	4	Branch of subject
	Differential Manifold II	Elective	4	Branch of subject
	Financial Mathematics II	Elective	4	Branch of subject
	Relativity II	Elective	4	Branch of subject
	Mathematics Education II	Elective	4	Branch of subject
	Graph Theory II	Elective	4	Branch of subject
	Comprehensive Viva Voce	Core	1	Branch of subject
SEM-I				
M.Phil. Mathematics	Functional Analysis I	Elective	4	Branch of subject
	Real Analysis	Elective	4	Branch of subject
	Topological Groups and Abelian Harmonic Analysis	Elective	4	Branch of subject
	Function Algebras	Elective	4	Branch of subject
	Advanced Mechanics	Elective	4	Branch of subject
	Banach Algebras general theory and functional calculus	Elective	4	Branch of subject
	Problems And Exercises in Mathematics- I	Elective	4	Branch of subject
	Comprehensive Viva Voce	Core	1	Branch of subject
SEM-II	M.Phil.			



	Function Algebras	Elective	4	Branch of subject
	Topological Groups and Abelian Harmonic Analysis	Elective	4	Branch of subject
	Problems And Exercises in Mathematics- II	Elective	4	Branch of subject
	Advanced Relativity Theory	Elective	4	Branch of subject
	Banach Algebras general theory and functional calculus	Elective	4	Branch of subject
	Advanced Banach Algebra Theory	Elective	4	Branch of subject
	Research Methodology in Mathematics	Elective	4	Branch of subject
	Unbounded Operators in Hilbert Spaces and semigroups	Elective	4	Branch of subject
	Research Methodology	Elective	3	Branch of subject
	Comprehensive Viva Voce	Core	1	Branch of subject
	Ph.D. coursework			
	Research Methodology in Mathematics	Core	3	Branch of subject
	Topics in C* Algebra	Elective	3	Branch of subject
	Function Algebras	Elective	3	Branch of subject
	Advanced Relativity Theory	Elective	3	Branch of subject
	Tribology and Lubrication	Elective	3	Branch of subject
	Advanced theory in Banach Algebra	Elective	3	Branch of subject
	Topological Groups and Abelian Harmonic Analysis	Elective	3	Branch of subject
SEM-I				
Physics	Mathematical Physics & Computer Programming	Core	4	Branch of subject
	Classical & Statistical Mechanics	Core	4	Branch of subject
	Atomic Molecular & Laser Physics	Core	4	Branch of subject
	Practical– I	Core	4	Branch of subject
	Practical– Ii	Core	4	Branch of subject
	Viva-Voce	Core	1	Branch of subject



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	Elements Of Solid State Physics	Elective	4	Branch of subject
	Non-Linear Dynamics, Relativity And Cosmology	Elective	4	Branch of subject
SEM-II				
	Quantum Mechanics - I	Core	4	Branch of subject
	Elements Of	Core	4	Branch of subject
	Experimental Physics	Cole	т	Drahen of subject
	Electrodynamics &	Core	4	Branch of subject
	Plasma Pysics			
	Practical– I	Core	4	Branch of subject
	Practical– Ii	Core	4	Branch of subject
	Viva-Voce	Core	1	Branch of subject
	Analog & Digital	Elective	4	Branch of subject
	Electronics	Licetive	•	Druhen of Subject
	Solid State Electronics	Elective	4	Branch of subject
	Devices & Solar Cells			5
SEM-III				
	Quantum Mechanics - Ii	Core	4	Branch of subject
	Nano-Science & Thin- Film Physics	Core	4	Branch of subject
	Crystallography &	Elective	4	Branch of subject
	Materials Science	Licetive	т	Drahen of subject
	Magnetic & Optical	Elective	4	Branch of subject
	Properties In		-	
	Condensed Matter			
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (Cmp)	Elective	1	Branch of subject
	Microwave	Elective	4	Branch of subject
	Communication;			
	Electronics &			
	Technology			
	Microprocessors;	Elective	4	Branch of subject
	Programming,			
	Interfacing &			
	Applications			
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (E & C)	Elective	1	Branch of subject
	Theoretical Physics – I	Elective	4	Branch of subject
	Computational Physics - I	Elective	4	Branch of subject
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (Tcp)	Elective	1	Branch of subject



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	Solar Energy &	Elective	4	Branch of subject
	Geothermal Energy Wind Energy & Ocean	Elective	4	Branch of subject
	Energy	Elective	4	Dranch of subject
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii		4	Branch of subject
	Viva-Voce (Est)	Elective	1	Branch of subject
SEM-IV	Needeen 9 Destints	Carra	4	Due unalta e franchia e f
	Nuclear & Particle Physics	Core	4	Branch of subject
	Theoretical Solid State	Core	4	Branch of subject
	Physics	Cole	7	Drahen of subject
	Applied Crystallograph y & Bio-Physics	Elective	4	Branch of subject
	Crystal Growth &	Elective	4	Branch of subject
	Imperfections In Solids		-	
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (Cmp)	Elective	1	Branch of subject
	Signal Processing &	Elective	4	Branch of subject
	Satellite			
	Communication Advanced Solid State	Elective	4	Dranch of outrie of
	Electronic Devices	Elective	4	Branch of subject
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (E & C)	Elective	1	Branch of subject
	Theoretical Physics – Ii	Elective	4	Branch of subject
	Computational Physics - Ii	Elective	4	Branch of subject
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (Tcp)	Elective	1	Branch of subject
	Bio-Mass & Other Systems; Energy Storage	Elective	4	Branch of subject
	Nuclear Energy And Energy Strategies	Elective	4	Branch of subject
	Practical & Project – I	Elective	4	Branch of subject
	Practical & Project – Ii	Elective	4	Branch of subject
	Viva-Voce (Est)	Elective	1	Branch of subject
SEM-I	M.Sc.			
Statistics	Probability Theory	Core	4	Branch of subject
	Matrix Algebra	Core	4	Branch of subject
	Distribution Theory	Core	4	Branch of subject



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	Statistical Inference I	Core	4	Branch of subject
	Statistical Computing through C++	Elective	4	Interdisciplinary
	PS01CSTA05 Practical	Core	4	Branch of subject
	Problem Solving & Comprehensive Viva- Voce	Core	1	Branch of subject
SEM-II	M.Sc.			
	Stochastic Processes	Core	4	Branch of subject
	Linear Models and Regression Analysis	Core	4	Branch of subject
	Statistical Inference II	Core	4	Branch of subject
	Theory of Sample Surveys	Core	4	Branch of subject
	PS02CSTA05 Practical	Core	4	Branch of subject
	Operations Research	Elective	4	Interdisciplinary
	Comprehensive Viva	Core	1	Branch of subject
SEM-III	M.Sc.			-
	Design of Experiments	Core	4	Branch of subject
	Multivariate Analysis	Core	4	Branch of subject
	PS03CSTA03 Practical	Core	4	Branch of subject
	PS03CSTA04 Practical	Core	4	Branch of subject
	PS03CSTA05	Core	1	Branch of subject
	Comprehensive Viva			
	Reliability and Life Testing	Elective	4	Branch of subject
	Generalized Linear Models	Elective	4	Branch of subject
SEM-III	M.Sc.			
	Computer Oriented Statistical Methods	Core	4	Branch of subject
	Statistical Quality Control Techniques	Core	4	Branch of subject
	PS04CSTA03 Practical	Core	4	Branch of subject
	Project	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Econometrics	Elective	4	Interdisciplinary
	Actuarial Statistics	Elective	4	Interdisciplinary
	Bioassays	Elective	4	Interdisciplinary
	Clinical Trials	Elective	4	Interdisciplinary
SEM-I				
M.Sc.(QPM)	Business Statistics and Information Systems	Core		Branch of subject
	Database Management Systems	Core		Branch of subject
	Marketing Research	Core		Branch of subject



	Management of Productivity	Core		Branch of subject
	Operations Research - I	Core		Branch of subject
	Practicals Based on QP.101 and QP.105	Core		Branch of subject
	Viva – Voce	Core		Branch of subject
SEM-II				
	Statistical Quality Control and Reliability	Core		Branch of subject
	Lean Six Sigma Methodology	Core		Branch of subject
	Quality Management Systems	Core		Branch of subject
	Fundamentals of HRM, TQHRM and Supply Chain Management	Core		Branch of subject
	Statistical Methods through SPSS	Core		Branch of subject
	Practicals Based on Minitab	Core		Branch of subject
	Viva-Voce	Core		Branch of subject
SEM-III				
	Total Quality Management	Core		Branch of subject
	Knowledge Discovery and Data Mining	Core		Branch of subject
	Operations Research - II	Core		Branch of subject
	Design of Experiments	Core		Branch of subject
	Practicals Based on QP - 303	Core		Branch of subject
	Practicals Based on QP - 302 and QP - 304	Core		Branch of subject
	Viva-Voce	Core		Branch of subject
SEM-IV	M.Sc.(QPM)			
	Project Evaluation	Core		Branch of subject
	Project Viva Voce	Core		Branch of subject
SEM-I				
<b>Business Studies</b>	Business Management	Core	5	Branch of subject
	Business Environment	Core	5	Branch of subject
	Accounting for Managerial Decisions	Core	5	Branch of subject
	E – Commerce	Elective	5	Branch of subject
	Leadership Skill	Elective	5	Interdisciplinary
	Management Control System	Elective	5	Interdisciplinary



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	Rural Marketing	Elective	5	Branch of subject
	Organizational Behaviour	Elective	5	Interdisciplinary
	Banking -I	Elective	5	Branch of subject
	International	Elective	5	Branch of subject
	Accounting - I			
SEM-II	Enterna and the	Carra	~	Dury of orthingt
	Entrepreneurship Development	Core	5	Branch of subject
	Strategic Management	Core	5	Branch of subject
	Management Accounting	Core	5	Branch of subject
	Computer Application to Business – I	Elective	5	Interdisciplinary
	Knowledge Management	Elective	5	Branch of subject
	Direct Tax Planning	Elective	5	Branch of subject
	Service Marketing	Elective	5	Branch of subject
	Human Resource Development	Elective	5	Branch of subject
	Banking - II	Elective	5	Branch of subject
	International	Elective	5	Branch of subject
SEM-III	Accounting – II			
	Research Methodology	Core	5	Branch of subject
	Human Resource	Core	5	Branch of subject
	Management			
	Financial Management	Core	5	Branch of subject
	Computer Application to Business – II	Elective	5	Interdisciplinary
	Corporate Communication	Elective	5	Interdisciplinary
	Corporate Tax Planning	Elective	5	Branch of subject
	Integrated Marketing Communication	Elective	5	Branch of subject
	Industrial Relations	Elective	5	Branch of subject
	Banking - III	Elective	5	Branch of subject
	International Accounting - III	Elective	5	Branch of subject
SEM-IV				
	International Business Environment	Core	5	Branch of subject
	Marketing Management	Core	5	Branch of subject
	Portfolio Management	Core	5	Branch of subject
	Career Planning	Elective	5	Branch of subject
	Information and Communication	Elective	5	Interdisciplinary



	Technology			
	Corporate Accounting	Elective	5	Branch of subject
	Consumer Behaviour	Elective	5	Branch of subject
	Strategic Human	Elective	5	Branch of subject
	Resource Management			
	Banking - IV	Elective	5	Branch of subject
	International	Elective	5	Branch of subject
	Accounting - IV			
SEM-I				
Economics	Micro Economics	Core	4	Branch of subject
	Macro Economics	Core	4	Branch of subject
	Theories of	Core	4	Branch of subject
	International Trade			
	Theory of Agricultural	Elective	4	Branch of subject
	Economics			
	Industrial Organisation	Elective	4	Branch of subject
	and Finance	<b>F1</b>		
	Theory of	Elective	4	Branch of subject
	Environmental			
	Economics Central Banking	Elective	4	Branch of subject
	Economics of Rural	Elective	4	-
	Development	Elective	4	Branch of subject
	Theory and Practice of	Elective	4	Branch of subject
	Co-operation	Licetive	т	Drahen of subject
	Research Methodology	Elective	4	Branch of subject
	and Computer			j
	Application in			
	Economics			
	Self Study & Soft Skills	Elective	4	Branch of subject
	Course			
	Comprehensive Viva		1	Branch of subject
SEM-II				
	Micro Economics	Core	4	Branch of subject
	Macro Economics	Core	4	Branch of subject
	Issues of International Trade	Core	4	Branch of subject
	Theory of Agricultural Economics	Elective	4	Branch of subject
	Industrial Organisation and Finance	Elective	4	Branch of subject
	Theory of Environmental Economics	Elective	4	Branch of subject
	Central Banking	Elective	4	Branch of subject
		Licenve	+	Dranen of subject



				21 mer
	Economics of Rural Development	Elective	4	Branch of subject
	Theory and Practice of Co-operation	Elective	4	Branch of subject
	Research Methodology and Computer Application in	Elective	4	Branch of subject
	Economics			
	Comprehensive Viva	Core	1	Branch of subject
SEM-III				
	Economics of Development and Planning	Core	4	Branch of subject
	Theory of Public Economics	Core	4	Branch of subject
	Quantitative Economics	Core	4	Branch of subject
	Problems of Indian Agriculture	Elective	4	Branch of subject
	Industrial Labour	Elective	4	Branch of subject
	Environmental Problems of India	Elective	4	Branch of subject
	Theory of Finance	Elective	4	Branch of subject
	Socio-Economic Survey Methods	Elective	4	Branch of subject
	Development of Cooperative Movement in India	Elective	4	Branch of subject
	Research Methodology and Computer Application in Economics	Elective	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-IV	*			
	Economics of Development and Planning	Core	4	Branch of subject
	Indian Public Economics- Theory and Policy	Core	4	Branch of subject
	Quantitative Economics	Core	4	Branch of subject
	Human Development	Elective	4	Interdisciplinary
	Environmental Protections in India	Elective	4	Interdisciplinary
	Comprehensive Viva	Core	1	Branch of subject
SEM-I	r · · · · · · · · · · ·			j=00
English	History of English Literature (1500-1660)	Core	4	Branch of subject



	History of English Literature (1660-1798)	Core	4	Branch of subject
	Contemporary Indian English Literature	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	American Fiction	Elective	4	Branch of subject
	Western Classics	Elective	4	Branch of subject
SEM-II	History of English Literature (1798-1914)	Core	4	Branch of subject
	History of English Literature (1914 to Present)	Core	4	Branch of subject
	Literary Criticism	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Twentieth Century French Fiction	Elective	4	Interdisciplinary
	Partition Literature	Elective	4	Branch of subject
SEM-III	European Poetry	Core	4	Branch of subject
	Literary Theory	Core	4	Branch of subject
	World Literature	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	New Literatures in English	Elective	4	Branch of subject
	Feminist and Dalit Studies	Elective	4	Multidisciplinary
SEM-IV	Arabic and Middle Eastern Literature	Core	4	Branch of subject
	European Fiction	Core	4	Branch of subject
	Critical and Cultural Theory	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Cinematic Adaptations of Literature	Elective	4	Interdisciplinary
	Literature and Myth	Elective	4	Interdisciplinary
SEM-I				
Gujarati	Arvacin Gujarati Kavita (New)	Core		Branch of subject
	Adhunik Gujarati Sahitya (New)	Core		Branch of subject
	Bhartiya Sahitya Mimansa	Core		Branch of subject
	Comprehensive Viva Voce	Core		Branch of subject
	Madhyakalin Gujarati Sahitya (New)	Elective		Branch of subject
	Bhartiya Sahitya	Elective		Branch of subject



	Prashista Krutio (New)		
	Bhasha, Sahitya Ane Computer	Elective	Multidisciplinary
SEM-II			
	Arvachin Gujarati Kavita (New)	Core	Branch of subject
	Anuaadhunik Gujarati Sahitya (New)	Core	Branch of subject
	Paschatya Sahitya Mimansa (New)	Core	Branch of subject
	Comprehensive Viva Voce	Core	Branch of subject
	Gujarati: Lokvidya Ane Loksahitya (New)	Elective	Branch of subject
	Madhyakalin Gujarati Granthkar No Abhyas : Shamal (New)	Elective	Branch of subject
	Life Enrichment Course (New)	Elective	Multidisciplinary
SEM-III			
	Arvachin Gujarati Gadya (New)	Core	Branch of subject
	Arvachin Gujarati Granthkar: Kanaiyalal Munshi	Core	Branch of subject
	Bhasha Vijnan	Core	Branch of subject
	Comprehensive Viva Voce	Core	Branch of subject
	Comparative Literature	Elective	Branch of subject
	Bhartiya Ane Vishva Sahitya (New)	Elective	Branch of subject
	Anuvad Ane Sampadan	Elective	Interdisciplinary
SEM-IV			
	Arvachin Gujarati Gadya (New)	Core	Branch of subject
	Gujarati Vivechan Vichar (New)	Core	Branch of subject
	Shaili Vijnan (New)	Core	Branch of subject
	Comprehensive Viva Voce	Core	Branch of subject
	Sahityanu Samajshasa (New)	Elective	Branch of subject
	Art of Film Appreciation (New)	Elective	Multidisciplinary
	Lekhan Kaushal	Elective	Branch of subject
SEM-I			



Sanskrit	Poetry:	Core	4	Branch of subject
	Shishupalavadham of			
	Magha (Canto I) &			
	Naishadhiyacharitam of			
	Shri Harsha (Canto I)			
	(NEW)			
	Indian Philosophy:	Core	4	Branch of subject
	Shankarabhashya of			5
	Shankaracharya			
	(Adhyaya-I, Selected			
	Sutras) & Jain -			
	Bauddha Darshana (of			
	Sarvadarshanasangraha)			
	Vyakarana:	Core	4	Branch of subject
	Siddhantakaumudi of			5
	Bhattojidikshita (Acha-			
	Sandhi Prakaranam) &			
	Paspashahnika of			
	Patanjal-Mahabhashya			
	(NEW)			
	Sahityashastra:	Elective	4	Interdisciplinary
	Natyashastra of Bharata			1 5
	(Adyhaya- 1, 2 & 6)			
	(NEW)			
	Itihasa-Purana:	Elective	4	Branch of subject
	Ramayana of Valmiki			
	(Ayodhyakanda, Sarga-			
	1-49) & Shrimad			
	Bhagavata-			
	Mahapuranam (Rasa-			
	Panchadhyayi of 10 th			
	skandha)			
	Itihasa-Purana:	Elective	4	Branch of subject
	Mahabharata of			
	Vedavyasa			
	(Mokshadharma-Parva,			
	Selected Adhyayas) &			
	Matsya Purana			
	(Selected Adhyayas)			
Sem-II				
	Prose: Kadambari of	Core	4	Branch of subject
	Banabhatta			5.55
	(Mahashvetavrutanta)			
	& Harshacharitam of			
	Banabhatta (Pancham			
	Uchchhvas)			



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	Indian Philosophy:	Core	4	Branch of subject
	Shankarabhashya of			
	Shankaracharya			
	Adhyaya-2 (Omit			
	Bauddha Khandana) &			
	Vivekachudamani of			
	Shankar			
	Vyakarana:	Core	4	Branch of subject
	Siddhantakaumudi of		-	
	Bhattojidikshita (Hal-			
	sandhi, Samasa) &			
	Paniniyashiksha			
	Sahityashastra:	Elective	4	Interdisciplinary
	Dasharupaka (Prakasha-	Lieeuve	-	interdisciplinary
	1, 2 & 3) &			
	Kavyamimamsa			
	5			
	(Adhyaya- 1 to 5)	Elective	Λ	Dronch of online
	<b>Vedanga:</b> Nirukta of	Elective	4	Branch of subject
	Yaska (Adhyaya- 1, 2			
	& 7)			
SEM-III				
	Drama:	Core	4	Branch of subject
	Uttararamacharitam of			
	Bhavabhuti			
	Vedanta: Anubhashya	Core	4	Branch of subject
	of Vallabhacharya			
	Adhyaya-I (Selected			
	Sutras) & Shribhashya			
	of Ramanujacharya			
	(1.1.1- Para- 1 to 44)			
	Veda: Rigveda	Core	4	Branch of subject
	(Selected Suktas),			5
	Yajurveda			
	(Shivasankalpa Suktam)			
	& Atharvayeda			
	(Selected Suktas)			
	Sahityashastra:	Elective	4	Branch of subject
	Dhvanyaloka of		т	
	Anandavardhana			
	(Udyota- 1) &			
	Vakroktijivitam of			
	Kuntak (Unmesha- 1)			
	, , ,	Floating	Λ	Dronch of online
	Vyakarana:	Elective	4	Branch of subject
	Vakyapadiya of			
	Bhartruhari			
	(Brahmakanda)			
SEM-IV				
	Dharmashastra:	Core	4	Branch of subject
	Yajnavalkyasmruti	0010	•	Dianon of subject



	(Vyavahara Adhyaya)			
	& Arthashastra of			
	Kautilya (Adhikarana -			
	1)			
	Vedanta: Anubhashya	Core	4	Branch of subject
	of Vallabhacharya	Core		Dranen of Subject
	Adhyaya- 2 (Selected			
	Sutras) & Shribhashya			
	of Ramanujacharya			
	(1.1.1- Para- 45 to 100)			
	<b>Nyaya:</b> Nyayabhashya	Core	4	Branch of subject
	(Adhyaya- 1-2) &			
	Nyayasiddhantamuktav			
	ali (Anumankhand)			
	Sahityashastra:	Elective	4	Branch of subject
	Sahityadarpana of			5
	Vishvanath			
	(Parichchheda- 1, 2 &			
	(1 archennieua- 1, 2 œ 3)			
	,	Elective	4	Branch of subject
	<b>Unseen:</b> Essay,	Elective	4	Branch of subject
	Translation (Sanskrit to			
	Gujarati & Gujarati to			
	Sanskrit), Question			
	from Sanskrit Paragraph			
SEM-I				
Education	Psychology Of	Core	4	Multidisciplinary
	Learning And Human			
	Development			
	Historical, Political And	Core	4	Multidisciplinary
	Economic Concerns Of	0010	•	in antianserprinary
	Education			
	Educational Studies	Core	4	Branch of subject
		ł – – – – – – – – – – – – – – – – – – –		
	Introduction To	Core	4	Branch of subject
	Research In Education			
	Academic And	Core	2	Branch of subject
	Expository Writing			
	Self Development And	Core	2	Branch of subject
	Activities			5
SEM-II				
	Philosophical	Core	4	Branch of subject
		Cole	4	Branch of subject
	Foundation Of			
	Education			
	Sociological	Core	4	Interdisciplinary
	Foundation Of			
	Education			
	Curriculum Studies	Core	4	Branch of subject
	Introduction To Teacher	Core	4	Branch of subject
	Education		•	
	Laucation			



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	Dissertation	Core	2	Branch of subject
	Internship In Teacher Education - I	Core	4	Branch of subject
SEM-III				
	System Of Elementary Education In India	Elective	4	Branch of subject
	Contemporary Elementary Education In India	Elective	4	Branch of subject
	Contemporary Secondary Education In India	Elective	4	Branch of subject
	Secondary Education In India And Policy Perspective	Elective	4	Branch of subject
	Advance Research Methodology In Education	Core	4	Branch of subject
	Pre-Service Teacher Education-II	Core	4	Branch of subject
	Dissertation	Core	2	Branch of subject
	Internship ( Specialization In School)	Core	2	Branch of subject
	Academic Writing	Core	2	Branch of subject
SEM-IV				
	Inclusive Strategies And Education For Children With Diverse Needs	Elective	4	Multidisciplinary
	Inclusion Of Children With Special Educational Needs	Elective	4	Multidisciplinary
	Inclusive Education: Policy Perspectives And Related Aspects	Elective	4	Multidisciplinary
	Introduction To Guidance And Counseling	Elective	4	Branch of subject
	School Guidance Programme	Elective	4	Branch of subject
	Career Development And Guidance	Elective	4	Branch of subject
	Educational Measurement And Evaluation	Elective	4	Branch of subject
	Psychological Measurement	Elective	4	Interdisciplinary



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	Statistical Methods Of Educational Research	Elective	4	Interdisciplinary
	Educational Management And Organization	Elective	4	Interdisciplinary
	Dimensions Of Educational Organization	Elective	4	Branch of subject
	Total Quality Management In Education	Elective	4	Interdisciplinary
	Foundations Of Curriculum	Elective	4	Branch of subject
	Curriculum Development	Elective	4	Branch of subject
	Curriculum Transaction	Elective	4	Branch of subject
	Educational Technology	Elective	4	Branch of subject
	Information And Communication Technology In Education	Elective	4	Interdisciplinary
	Educational Technology For Teacher Educators	Elective	4	Branch of subject
	Dissertation	Core	4	Branch of subject
SEM-I				
History	Ancient World	Core	4	Branch of subject
5	Modern World (1870– 1945)	Core	4	Branch of subject
	Company Rule in India: 1757–1858	Core	4	Branch of subject
	Evolution of Society and Economy in Ancient India	Elective	4	Interdisciplinary
	Tourism in India	Elective	4	Interdisciplinary
SEM-II				
History	World since 1945	Core	4	Branch of subject
	Freedom Movement in India (1885–1947)	Core	4	Branch of subject
	Indian Society in Transition (1800–1920)	Core	4	Branch of subject
	Peasant and Tribal Movements in Colonial India (1857–1947)	Elective	4	Interdisciplinary
	Constitutional and Administrative History	Elective	4	Interdisciplinary



	of India (1858–1950)			
SEM-III	Social and Economic	Core	4	Branch of subject
	History of Mediaeval Gujarat (942–1818)			
	Politics in India since Independence (1947– 2000)	Core	4	Branch of subject
	Philosophy of History and Historiography: the Western Tradition	Core	4	Branch of subject
	Economic History of Colonial India (1857– 1947)	Elective	4	Interdisciplinary
	History of Education in Colonial India (1813– 1947)	Elective	4	Interdisciplinary
SEM-IV				
	Political History of Gujarat (1914–1960)	Core	4	Branch of subject
	Society and Economy in Independent India (1947–2000)	Core	4	Branch of subject
	Philosophy of History and Historiography: India	Core	4	Branch of subject
	Agrarian and Village History of Colonial India (1757–1947)	Elective	4	Interdisciplinary
	Constructive Activities in Gujarat (1914–2000)	Elective	4	Interdisciplinary
SEM-I				
BLISc	Soft Skill (Communication Skill)	Foundat ion	2	Multidisciplinary
	Knowledge Organization, Information Processing & Retrieval (Library Classification) (Theory)	Core	5	Branch of subject
	Knowledge Organization, Information Processing & Retrieval (Library Cataloging & Subject Indexing) (Theory)	Core	5	Branch of subject



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	Knowledge	Core	5	Branch of subject
	Organization,			
	Information Processing			
	& Retrieval (Library			
	Classification)			
	(Practical)			
	Knowledge	Core	5	Branch of subject
	Organization,			
	Information Processing			
	& Retrieval (Library			
	Cataloging & Subject			
	Indexing) (Practical)			
	Comprehensive Viva	Core	1	Branch of subject
	Foundations of Library	Elective	5	Branch of subject
	& Information Science	Licente	U	Branch of Subject
	Development Of	Elective	5	Branch of subject
	Libraries		5	
	Self-Study (Library	Elective	2	Branch of subject
	Legislation)	LICCUVE	4	
SEM-II				
SEMI-II		<b>F</b> 14	2	
	Soft skill (ICT)	Foundat	2	Multidisciplinary
		ion		
	Library Administration	Core	5	Branch of subject
	&Organization			
	Computer Application -	Core	5	Branch of subject
	Theory			
	Computer Application -	Core	5	Branch of subject
	Practical			
	Reference &	Core	4	Branch of subject
	Information Sources -			
	Theory			
	Practical Based on	Core	1	Branch of subject
	UA02CLIB04			
	Comprehensive Viva	Core	1	Branch of subject
	Reference &	Elective	4	Branch of subject
	Information Services -			
	Theory			
	Practical Based on		1	Branch of subject
	UA02ELIB01		T	
	Library & Its Users -	Elective	4	Branch of subject
	Theory	LICCUVC	т	
	Practical based on		1	Branch of subject
	UA02ELIB03		I	branch of subject
		Flacting	2	Dronoh of antist
	Self-study (library co -	Elective	2	Branch of subject
	operation resource			
	sharing & networking)			
SEM-I				
MLISc(Full time)	Soft Skill (ICT)	Foundat	2	Multidisciplinary



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		ion		
	Information & Communication	Core	5	Branch of subject
	Management Of Library & Information System & Centre	Core	5	Branch of subject
	Information Analysis, Repackaging& Consolidation	Core	5	Branch of subject
	Practical Based On PA01CLIB03	Core	2	Branch of subject
	Comprehensive Viva	Core	2	Branch of subject
	Academic Library System	Elective	5	Branch of subject
	Health Library Systems	Elective	5	Branch of subject
	Self-Study (Marketing Of Information Product &Services)	Elective	2	Branch of subject
SEM-II				
	Soft Skill (Life Enrichment)	Foundat ion	2	Multidisciplinary
	Information Storage & Retrieval (Theory)	Core	5	Branch of subject
	Practical Based In PA02CLIB01	Core	2	Branch of subject
	Research Methodology & Statistical Techniques	Core	5	Branch of subject
	Dissertation - Project Work	Core	7	Branch of subject
	Comprehensive Viva	Core	2	Branch of subject
	Information Technology(Theory)	Elective	5	Interdisciplinary
	Practical Based On PA02ELIB01	Elective	2	Branch of subject
	Library Automation & Networking		5	Branch of subject
	Self-Study (Library Software)	Elective	2	Branch of subject
SEM-I				
MLISc (Part time)	Soft Skill (ICT)	Foundat ion	2	Branch of subject
	Information & Communication	Core	5	Branch of subject
	Management of Library & Information Systems & Centres	Core	5	Branch of subject
	Comprehensive Viva	Core	2	Branch of subject



	Information Analysis, Repackaging and Consolidation	Core	5	Branch of subject
	Practical based on PA01CLIB04	Core	2	Branch of subject
	Academic Library System	Elective	5	Branch of subject
	Self Study (Marketing of InformationProduct & Services)	Elective	2	Branch of subject
SEM-III				
	Soft Skill (Communication Skill)	Foundat ion	2	Branch of subject
	Information & Communication	Core	5	Branch of subject
	Management of Library & Information Systems	Core	5	Branch of subject
	Comprehensive Viva	Core	2	Branch of subject
	Information Analysis, Repackaging and Consolidation	Core	5	Branch of subject
	Practical based on PA03CLIB04	Core	2	Branch of subject
	Academic Library System	Elective	5	Branch of subject
	Self Study (Human Resource Management)	Elective	2	Branch of subject
SEM-II				
	Soft Skill (Life Enrichment)	Foundat ion	2	Multidisciplinary
	Information Storage & Retrieval (Theory)	Core	5	Branch of subject
	Practical Based On PA02CLIB01	Core	2	Branch of subject
	Comprehensive Viva	Core	2	Branch of subject
	Research Methodology & Statistical (Effect from June - 2015)	Core	5	Branch of subject
	Dissertation / Project Work (Effect from June - 2015)	Core	2	Branch of subject
	Information Technology (Theory)	Elective	5	Interdisciplinary
	Practical Based on PA02ELIB01	Elective	2	Branch of subject
	Library Automation & Networking	Elective	5	Branch of subject



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	Practical Based on PA02ELIB03	Elective	2	Branch of subject
	Self Study (Library Software)	Elective	2	Branch of subject
SEM-IV				
	Soft Skill (Critical Thinking & Problem Solving Skills)	Foundat ion	2	Multidisciplinary
	Information Storage & Retrieval (Theory)	Core	5	Branch of subject
	Practical Based On PA02CLIB01	Core	2	Branch of subject
	Comprehensive Viva	Core	2	Branch of subject
	Research Methodology & Statistical (Effect from June - 2015)	Core	5	Branch of subject
	Dissertation / Project Work (Effect from June - 2015)	Core	2	Branch of subject
	Information Technology (Theory)	Elective	5	Interdisciplinary
	Practical Based On PA02ELIB01	Elective	2	Branch of subject
	Library Automation & Networking	Elective	5	Branch of subject
	Practical Based on PA02ELIB03	Elective	2	Branch of subject
	Self Study (Intellectual Property Rights)	Elective	2	Branch of subject
SEM-I				
Political Sci	Electoral Politics and Nation-Building Process in India	Core	4	Branch of subject
	Dynamics of Politics in Gujarat State	Core	4	Branch of subject
	Globalization and the Post-Cold-War-World Order Studies	Core	4	Branch of subject
	Political Sociology: The Indian Context	Elective	4	Multidisciplinary
	Indian Political Economy	Elective	4	Interdisciplinary
SEM-II				
	Governance in India: Issues of Ethics and Excellence	Core	4	Branch of subject
	Dynamics of Development in	Core	4	Branch of subject



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	Gujarat: Issues of			
	Ecology and Social Justice			
	South Asia: Issues of	Core	4	Branch of subject
	Terrorism,	Cole	4	Dialicii of Subject
	Development and Co-			
	existence			
	Research Methods in	Elective	4	Multidisciplinary
	Social Sciences		•	January and States and State
	Human Rights in	Elective	4	Interdisciplinary
	International Relations			
	Problems and Prospects			
SEM-III				
	Local Self Government	Core	4	Branch of subject
	Indian Foreign Policy	Core	4	Branch of subject
	Public Administration	Core	4	Branch of subject
	Constitutional Law of	Elective	4	Branch of subject
	India			
	Environmental	Elective	4	Multidisciplinary
	Problems in India			
SEM-IV				
	Social Justice and	Core	4	Branch of subject
	Human Rights in Local			
	Self Government			
	Political Parties in India	Core	4	Branch of subject
	International	Core	4	Branch of subject
	Organisation			
	Feminism and	Elective	4	Multidisciplinary
	Women's Participation			
	in Indian Politics			
	India's Administration	Elective	4	Interdisciplinary
SEM-I	MA			
Psychology	Perspective on Human Behaviour	Core	4	Branch of subject
	Research Methodology and Statistics-I	Core	4	Branch of subject
	Advanced Experimental Psychology	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Models of	Elective	4	Branch of subject
	Psychopathology		•	
	Advanced Industrial	Elective	4	Interdisciplinary
	Psychology			r and r and
	Psychopathology	Elective	4	Branch of subject
	Ergonomics and	Elective	4	Branch of subject
	Industrial Psychology			
	Understanding	Elective	4	Branch of subject



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	Psychology			
SEM-II	MA			
	Theories of Human	Core	4	Branch of subject
	Behaviour			
	Research Methodology	Core	4	Branch of subject
	and Statistics-II			
	Learning, Retention &	Core	4	Branch of subject
	Forgetting	~		
	Comprehensive Viva	Core	1	Branch of subject
	Clinical Psychology	Elective	4	Branch of subject
	Organizational	Elective	4	Branch of subject
	Behavior			
	Clinical Techniques &	Elective	4	Branch of subject
	Psychotherapy		4	
	Human Resource	Elective	4	Branch of subject
	Development Understanding	Elective	4	Branch of subject
	Psychology	Elective	4	Dialicit of subject
SEM-III	MA			
	Practical in Psychology	Core	4	Branch of subject
	Counseling Psychology	Core	4	Branch of subject
	Advanced Social	Core	4	Branch of subject
	Psychology	Cole	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
	Health Psychology	Elective	4	Branch of subject
	Consumer Behaviour	Elective	4	Multidisciplinary
	Psychology	LICCUVC	+	Wulldiscipillary
	Theories of Personality	Elective	4	Branch of subject
	Organisation Dynamics	Elective	4	Branch of subject
	Research Design &	Elective	4	Multidisciplinary
	Report Writing	Lieeuve	т	Watteriscipillary
SEM-IV	MA			
~	Psychological Testing	Core	4	Branch of subject
	Guidance and	Core	4	Branch of subject
	Counseling in	Core	•	Drahen of Subject
	Education			
	Theories of Social	Core	4	Branch of subject
	Psychology			
	Comprehensive Viva	Core	1	Branch of subject
	Basic Psychological	Elective	4	Branch of subject
	Processes			_
	Fields of Psychology	Elective	4	Branch of subject
	Understanding	Elective	4	Branch of subject
	Psychology			
	M.Phil.			
	Research Methodology	Core	4	Branch of subject
	& Statistics			



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	Measurement of Personality	Core	4	Branch of subject
	Leadership in	Core	4	Branch of subject
	Organisation	~		
	Dissertation	Core	4	Branch of subject
SEM-I				
B.Ed.Spl.Edu.(MR	Human Growth and Development	Core	4	Branch of subject
,	Contemporary India and Education	Core	4	Branch of subject
	Introduction to Sensory Disabilities (VI, HI, Deaf-blind) Cross Disability And Inclusion	Core	2	Branch of subject
	Introduction to Neuro Development Disabilities (LD, ID/MR, ASD Cross Disability And Inclusion	Core	2	Branch of subject
	Introduction to Locomotor & Multiple Disabilities (Deaf- Blind, CP, MD) Cross Disability And Inclusion	Core	2	Branch of subject
	Assessment and Identification of Needs (Disability Specialization)	Core	4	Branch of subject
	Practical: Cross Disability and Inclusion (Practical-Cross Disability and Inclusion)	Core	2	Branch of subject
SEM-II				
	Learning, Teaching and Assessment	Core	4	Branch of subject
	Pedagogy of School Subjects (ANY ONE from Part I to Part V)	Core	4	Branch of subject
	Pedagogy of School Subjects (ANY ONE from Part I to Part V)	Core	4	Branch of subject
	Inclusive Education, Adaptation and Evaluation (Cross	Core	2	Branch of subject



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	Disability And			
	Inclusion)			
		0	4	
	Curriculum Designing	Core	4	Branch of subject
	(Disability			
	Specialization)			
	Practical: Disability	Core	2	Branch of subject
	Specialization			5
	(Practical-Cross			
	Disability and			
	•			
~~~~	Inclusion)			
SEM-III				
	Educational	Core	4	Branch of subject
	Intervention and			5
	Teaching Strategies			
	(Disability			
	Specialization)	<i>c</i>		
	Technology and	Core	4	Branch of subject
	Disability (Disability			
	Specialization)			
	Psycho Social and	Core	2	Branch of subject
	Family Issues	0010	_	
	(Disability			
	Specialization)			
	Reading and Reflecting	Core	4	Branch of subject
	on Texts (Enhancement			
	Of Professional			
	Capacities - EPC)			
	Drama and Art	Core	4	Branch of subject
	Education	Core		Dranon or subject
	(Enhancement Of			
	Professional Capacities			
	- EPC)			
	Practical: Disability	Core	2	Branch of subject
	Specialization			
	(Practical-Cross			
	Disability and			
	Inclusion)			
	<i>,</i>	C		Duran 1 C 1
	Main Disability special	Core	2	Branch of subject
	school (Related to Area			
	C)			
SEM-IV				
	Skill based Optional	Core	2	Branch of subject
	Course (Cross disability	0.010	-	Dranon or Subject
	-			
	and inclusion) ANY			
	ONE			
	Skill based Optional	Core	2	Branch of subject
	Course (Cross disability			
	and inclusion) ANY			
			1	



	ONE			
	Basic Research and Basic Statistics (Enhancement of Professional Capacities -EPC)	Core	2	Branch of subject
	Practical: Cross Disability and Inclusion	Core	4	Branch of subject
	Other Disability special school (Field Engagement/ School Attachment/ Internship)	Core	4	Branch of subject
	Inclusive School (Field Engagement/ School Attachment/ Internship)	Core	4	Branch of subject
SEM-I M.Ed.Spl.Edu.(M R)	Developments in Education and Special Education	Core	4	Branch of subject
	Psychology of Development and Learning	Core	4	Branch of subject
	Identification, Assessment and Needs of Children with Mental Retardation	Elective	4	Multidisciplinary
	Curriculum And Teaching Strategies for Children with Mental Retardation	Elective	2	Multidisciplinary
	Practical related to disability	Core	4	Branch of subject
SEM-II				
	Research Methodology and Statistics	Core	4	Branch of subject
	Curriculum Design & Development	Core	4	Branch of subject
	Inclusive Education	Core	4	Branch of subject
	Therapeutics and Assistive Devices	Elective	4	Branch of subject
	Practical related to disability	Core	4	Branch of subject
SEM-III				
	Perspectives in Teacher Education – In-service & Pre-Service	Core	4	Branch of subject



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	Educational Evaluation	Core	4	Branch of subject
	Adulthood and Family Issues	Elective	4	Branch of subject
	Educational Management	Elective	4	Branch of subject
	Educational Technology	Elective	4	Branch of subject
	Guidance and Counseling	Elective	4	Branch of subject
	Dissertation*	Core	2	Branch of subject
	Field	Core	4	Branch of subject
	Engagement/Internship as a Teacher Educators	Core	-	Dranen of Subject
SEM-III				
	Dissertation	Core	14	Branch of subject
	Field Engagement / Internship as a Teacher	Core	4	Branch of subject
	Trainer			
SEM-I		0	2	
MSW	Nature & Development of Social Work	Core	3	Branch of subject
	Human Growth & Development	Core	3	Branch of subject
	Working With Individuals & Families	Core	3	Branch of subject
	Working With Groups	Core	3	Branch of subject
	Social Work Research	Core	3	Branch of subject
	Field Work Practicum	Core	8	Branch of subject
SEM-II			-	
	Ideologies Of Professional Social Work	Core	3	Branch of subject
	Working With The Communities	Core	3	Branch of subject
	Introduction To The Fields Of Social Work	Core	3	Branch of subject
	Statistical Application And Report Writing	Core	3	Branch of subject
	Political Economy, Development And Governance	Core	3	Branch of subject
	Field Work Practicum	Core	8	Branch of subject
SEM-III	Family, Child and Youth Welfare	Core	3	Branch of subject
	Labour Welfare and Human Resource	Core	3	Branch of subject
	Management			



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	Health Care & Social Work Practice	Core	3	Branch of subject
	Field Work Practicum	Core	8	Branch of subject
	Human Rights and Social Work Practice	Elective	3	Interdisciplinary
	Counselling: Theory and Practice	Elective	3	Branch of subject
	Social Work and Disaster Management	Elective	3	Interdisciplinary
	Labour Legislations	Elective	3	Labor Laws
	Human Resource Development	Elective	3	Branch of subject
	Administration Of Welfare And Development Services	Elective	3	Branch of subject
	International Social Work	Elective	3	Branch of subject
	Ecology And Social Work	Elective	3	Interdisciplinary
SEM-IV				
	Organizational Behaviour And Employee Development	Core	3	Branch of subject
	Social Defence And Correctional Services	Core	3	Branch of subject
	Clinical Psychiatry And Community Mental Health	Core	3	Branch of subject
	Field Work Practicum	Core	8	Branch of subject
	Urban And Rural Community Development	Elective	3	Interdisciplinary
	Gerontological Social Work	Elective	3	Interdisciplinary
	Fundamentals Of Management	Elective	3	Interdisciplinary
	NGO Management	Elective	3	Interdisciplinary
	Gender And Development	Elective	3	Interdisciplinary
	Gender And Development	Elective		Interdisciplinary
	Labour Economics	Elective		Interdisciplinary
SEM-I				
MHRM	Introduction To Human Resource Management	Core	3	Branch of subject
	Human Relation Management	Core	3	Branch of subject



				Saber
	Managing Individual Behaviour	Core	3	Branch of subject
	Managing Group Behaviour	Core	3	Branch of subject
	Managing Research in HRM	Core	3	Branch of subject
	Field Work Practicum	Core	8	Branch of subject
SEM-II				
	Business and HRM	Core	3	Branch of subject
	Research Analysis and Application	Core	3	Branch of subject
	Management of Employment	Core	3	Branch of subject
	Employment Welfare Practises	Core	3	Branch of subject
	Integration of HRM and Society	Core	8	Branch of subject
	Field Work Practicum	Core	2	Branch of subject
SEM-III				
	Organizational Development and Change Management	Core		Branch of subject
	Human Resource Development	Core		Branch of subject
	Employment Law I	Core		Branch of subject
	Field Work Practicum	Core		Branch of subject
	Project Management	Elective		Interdisciplinary
	Management Functions and Behavior	Elective		Interdisciplinary
	Corporate Social responsibility	Elective		Interdisciplinary
	Organizational Dynamics	Elective		Interdisciplinary
	Wage and Salary Administration	Elective		Interdisciplinary
	Human Resource Planning	Elective		Interdisciplinary
	Employment Relations	Elective		Interdisciplinary
	Social Processes and Behavioural Issues	Elective		Interdisciplinary
	Management of Human Resources	Elective		Interdisciplinary
	Economic and Social Environment	Elective		Interdisciplinary
SEM-IV				
	Organisational behaviour	core	3	Branch of subject



	Compensations	core	3	Branch of subject
	Management			
	Employment Law II	core	3	Branch of subject
	Field Work Practicum	core	8	Branch of subject
	Research Report	Elective	6	Interdisciplinary
	Corporate Governance & Business Ethics	Elective	3	Interdisciplinary
	HRM in International settings	Elective	3	Interdisciplinary
	Strategic Management	Elective	3	Interdisciplinary
	Labour Economics	Elective	3	Interdisciplinary
	Organisational Effectiveness & Change	Elective	3	Interdisciplinary
	Co-operative Management	Elective	3	Interdisciplinary
SEM-I				
M.Phil. (Social work)	Advanced Research Methodology-1	Core	3	Branch of subject
	Society and Social Work-1	Core	3	Branch of subject
	Social Work Practicum-	Core	3	Branch of subject
	Dissertation and Viva-1	Core	3	Branch of subject
SEM-II				
	Advanced Research Methodology-II	Core	3	Branch of subject
	Society and Social Work- II	Core	3	Branch of subject
	Social Work Practicum- II	Core	3	Branch of subject
	Dissertation and Viva- II	Core	3	Branch of subject
SEM-I				
Sociology	Theoretical Perspective in Sociology	Core	4	Branch of subject
	Methods of Social Research	Core	4	Branch of subject
	Rural Society in India	Core	4	Branch of subject
	Education & Society	Elective	4	Interdisciplinary
	Gender & Society	Elective	4	Interdisciplinary
	Sociology of Literature	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-II				
	Sociological Thinkers	Core	4	Branch of subject
	Research Methodology	Core	4	Branch of subject
	Sociology of Family	Core	4	Branch of subject



	and Counseling			
	Rural Change and Development	Elective	4	Interdisciplinary
	Women in India the Changing Profile	Elective	4	Interdisciplinary
	Monograph Study	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-III				
	Sociology of Change	Core	4	Branch of subject
	Conceptualization of Indian Society	Core	4	Branch of subject
	Sociology of Mass Communication	Core	4	Branch of subject
	Concept & Theories of Industrial Sociology	Elective	4	Interdisciplinary
	Sociology of Health	Elective	4	Interdisciplinary
	Environment Sociology : An Introduction	Elective	4	Interdisciplinary
	Political Sociology	Elective	4	Interdisciplinary
	Indian Village S. C. Dube	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject
SEM-IV				
	Sociology of Development	Core	4	Branch of subject
	Perspectives for the Study of Indian Society	Core	4	Branch of subject
	Sociology of Voluntary Organization	Core	4	Branch of subject
	Health and Society	Elective	4	Interdisciplinary
	Industry and Society in India	Elective	4	Interdisciplinary
	Environment and Society	Elective	4	Interdisciplinary
	Political Sociology	Elective	4	Interdisciplinary
	Sarswati Sarswati to Mori Mat	Core	4	Branch of subject
	Comprehensive Viva	Core	1	Branch of subject