

## List of Courses

Programme	Stream/Branch	Course type (Foundation/Basic/ Core/Smart/Special isation/Domain/Ski	Course Title	Credit	Type (T+P+Pj)
BTech	All	Foundation	Differential Equations and Laplace Transforms	3	2+0+1
BTech	All	Foundation	Linear Algebra & Vector Calculus	3	2+0+1
BTech	All	Foundation	Complex Analysis, Numerical Methods	3	2+0+1
BTech	All	Foundation	Discrete Mathematics	3	2+0+1
BTech	All	Foundation	Probability & Statistics	3	2+0+1
BTech	All	Foundation	Mechanics for Engineers	3	2+1+0
BTech	All	Foundation	Optics and Optical Fibres	3	2+1+0
BTech	All	Foundation	Applied Analytical Chemistry / Analytical Techniques	3	2+1+0
BTech	All	Foundation	Applied Engineering Materials	3	2+0+1
BTech	All	Humanities and Management(A)	Optimisation Techniques	2	0+2+0
BTech	All	Humanities and Management(A)	Engineering Economics and Costing	3	2+0+1
BTech	All	Humanities and Management(A)	Project Management	3	2+0+1
BTech	All	Humanities and Management(A)	Gender, Human Rights and Ethics	3	1.5+0+1.5
BTech	All	Humanities and Management(A)	Climate Change and Sustainable Development	3	1.5+0+1.5
BTech	All	Humanities and Management (B)	Job Readiness	6	
			<i>A: 6 credit (Choice), B: 6 credit (Compulsory)</i>		
BTech	All	Smart	Industrial IOT and Automation	6	3+2+1
BTech	All, MSc Maths	Smart	Data Analysis and Visualisation using Python	4	1+1+2
BTech	All, MSc Maths	Smart	ML with Python	4	1+2+1
BTech	All	Smart	Robotic automation with ROS and C++	4	1+2+1
BTech	All	Smart	Design Thinking	2	0+0+2
BTech	All	Smart	System Integration with DYMOLA	2	0+0+2
BTech	All	Smart	Smart Engineering Project (G2M)	3	0+0+3

BTech	CSE	Core	IT Infrastructure Management	6	2--2--2
BTech	CSE	Core	Cloud Computing	2	0--2--0
BTech	CSE	Core	Wireless Networks	3	2--2--0
BTech	CSE	Core	Information Security	3	2--2--0
BTech	CSE/ECE/EEE	Core	OOPs with C ++ Programming	4	1--2--1
BTech	CSE/ECE/EEE	Core	Data Structures using C	4	1--2--1
BTech	CSE/ECE/EEE	Core	Advanced Web Programming	4	1--2--1
BTech	CSE/ECE/EEE	Core	Java Technologies	4	2--1--1
BTech	CSE	Core	Operating System Concepts	3	1--1--1
BTech	CSE	Core	Database Creation and Maintenance	4	2--1--1
BTech	CSE	Core	Database Cluster Administration and Security	4	2--2--0
BTech	CSE	Core	Data Warehousing and Data Mining	4	2--2--0
BTech	CSE	Core	Android App Development	6	2--2--0
BTech	CSE	Core	Mathematical Problem Solving	4	2--2--0
BTech	CSE	Core	Formal Language and Automata Theory	3	2--1--0
BTech	ECE/EEE	Core	Embedded System Design Using ARM Cortex	6	3+2+1
BTech	ECE/EEE	Core	VLSI Design	6	3+2+1
BTech	ECE	Core	Electro Magnetic Compatability	3	2+0+1
BTech	ECE/EEE	Core	Elector Magnetic Field Theory and Transmission Line	3	2+1+0
BTech	ECE/EEE	Core	Network Analysis	3	2+1+0
BTech	ECE	Core	Digital Communication Systems	3	2+1+0
BTech	ECE	Core	Analog Communication Systems	3	2+1+0
BTech	ECE	Core	Electronic Devices and Systems	3	2+1+0
BTech	ECE	Core	Principles of Wireless Communications	3	2+1+0
BTech	ECE	Core	Digital Signal & Image Processing	3	2+1+0
BTech	ECE	Core	Antenna Design and Analysis	3	2+1+0
BTech	ECE	Core	Wireless Communication for IIOT	3	2+1+0
BTech	EEE	Core	Energy Production & Transmission	3	2+1+0
BTech	EEE	Core	Substation Switch gear & Protection	4	2+1+1
BTech	EEE	Core	System Modelling and Control	4	3+1+0
BTech	EEE	Core	Electrical Machine Design	4	3+1+0
BTech	EEE	Core	Industrial Power Electronics	4	2+1+1
BTech	EEE	Core	Digital Measurement and Instrumentation	3	2+1+0
BTech	EEE	Core	Basic Electrical Engineering	2	1+1+0

BTech	CIVIL/MECHANICAL/AE ROSPACE/BIOTECH/MI NING		Programming in Java/Java Technologies	3	2+1+0
BTech	CIVIL/MECHANICAL/AE ROSPACE/BIOTECH/MI NING		Database Management Systems	3	2+1+0
BTech	CIVIL/MINING	Core	Geometric Modelling	3	
BTech	CIVIL	Core	Structural Detailing and Drawing	2	0+2+0
BTech	CIVIL/MECHANICAL/AE ROSPACE/MINING/Ag. Engg	Core	Theories of Failure Analysis using FEA	4	2+2+0
BTech	CIVIL	Core	Quantity Estimation and Costing	3	2+1+0
BTech	CIVIL	Core	Construction Materials	2	0+0+2
BTech	CIVIL	Core	Electrical, Plumbing and Wood Works	3	1+2+0
BTech	CIVIL	Core	Concrete Technology	3	1+1+1
BTech	CIVIL/MINING	Core	Surveying Technique	3	1+2+0
BTech	CIVIL/MINING	Core	Geospatial Survey	3	1+2+0
BTech	CIVIL	Core	Construction Material Testing	2	0+2+0
BTech	CIVIL	Core	Road Engineering	3	1+1+1
BTech	CIVIL	Core	Hydrology & Irrigation	3	1+1+1
BTech	CIVIL	Core	Water Supply and Sanitary Engineering	3	1+1+1
BTech	CIVIL/MINING	Core	Geotechnical Engineering	3	1+1+1
BTech	CIVIL	Core	Design of Structures	4	1+3+0
BTech	MECHANICAL	Core	Computer Aided Drafting	3	0+2+1
BTech	MECHANICAL	Core	Product Design and Development	2	1+1+0
BTech	MECHANICAL	Core	Reverse Engineering/Rapid Prototype	3	1+2+0
BTech	MECHANICAL	Core	Product Life Cycle Management	2	0+1+1
BTech	MECHANICAL	Core	Manufacturing Process-process planning and Heat	3	2+1+0
BTech	MECHANICAL	Core	Material in product design and development	2	1+1+0
BTech	MECHANICAL/CIVIL	Core	Computer Aided Engineering	3	0+2+1
BTech	MECHANICAL	Core	Quality Assurance	2	1+1+0
BTech	MECHANICAL	Core	Applied Ergonomics	1	0+0+1
BTech	MECHANICAL	Core	Computer Aided Manufacturing	2	0+2+0
BTech	MECHANICAL	Core	CNC Programming & CNC Machining	2	0+2+0
BTech	MECHANICAL	Core	Design of Tools, Jigs and Fixtures	3	2+1+0
BTech	MECHANICAL	Core	Advance Metrology	2	1+1+0
BTech	MECHANICAL	Core	Micro Electro Mechanical System	2	1+1+0

BTech	MECHANICAL/AEROSP ACE/Ag. Engg	Core	Thermodynamics	3	2+1+0
BTech	MECHANICAL/CIVIL/AE ROSPACE/Ag. Engg	Core	Fluid Mechanics with FVM	3	2+1+0
BTech	MECHANICAL/CIVIL/Ag . Engg	Core	Hydraulic Machinery	2	1+1+0
BTech	MECHANICAL/Ag. Engg	Core	Theory of Machines	3	2+1+0
BTech	MECHANICAL/Ag. Engg	Core	Heat Transfer with FDM/FVM	3	2+1+0
BTech	MECHANICAL/MBA	Core	Optimisation Techniques	2	0+2+0
BTech	AEROSPACE	Core	Introduction to Aerospace Engineering	3	2+1+0
BTech	AEROSPACE	Core	Rotary-wing Flight Dynamics	3	2+0+1
BTech	AEROSPACE	Core	Aerodynamic	4	3+1+0
BTech	AEROSPACE	Core	Flight Mechanics	6	4+0+2
BTech	AEROSPACE	Core	Aircraft Structure	4	3+1+0
BTech	AEROSPACE	Core	Aerospace structural Analysis	6	3+0+3
BTech	AEROSPACE	Core	Jet Propulsion	4	3+1+0
BTech	AEROSPACE	Core	Advanced Propulsion	3	2+1+0
BTech	AEROSPACE	Core	Experimental Aerodynamics	3	2+1+0
BTech	AEROSPACE	Core	Space Dynamics	3	2+1+0
BTech	AEROSPACE	Core	Introduction to Avionics	3	2+1+0
BTech	MINING	Core	Geology for Mining Engineer	3	2+0+1
BTech	MINING	Core	Rock Mechanics in Mining	3	2+0+1
BTech	MINING	Core	Mine Environmental and Hazardous studies	3	2+0+1
BTech	MINING	Core	Underground Mining	3	2+0+1
BTech	MINING	Core	Surface Mining	3	2+0+1
BTech	MINING	Core	Mine Machinery	3	2+0+1
BTech	MINING	Core	Drilling and Blasting	3	2+0+1
BTech	MINING	Core	Mine System Engineering	3	2+0+1
BTech	MINING	Core	Mine Economics	3	2+0+1
BTech	MINING	Core	Mine Legislation and Safety	3	2+0+1
BTech	MINING	Core	Mineral Dressing	3	2+0+1
BTech	MINING	Core	Mine Ventilation	3	2+0+1
BTech	BIOTECH	Core	Bioprocess Engineering	5	3+1+1

BTech	BIOTECH	Core	Fermentation Biotechnology	5	3+1+1
BTech	BIOTECH	Core	Food Microbiology	5	3+1+1
BTech	BIOTECH	Core	Microbial Biotechnology	5	3+1+1
BTech	BIOTECH	Core	Genetic Engineering	5	3+1+1
BTech	BIOTECH	Core	Plant Tissue Culture Engineering	5	3+1+1
BTech	BIOTECH	Core	Biosafety Engineering	6	3+2+1
BTech	BIOTECH/MLT	Core	Cell Biology	4	3+1+0
BTech	BIOTECH/MLT	Core	Molecular Biology	4	3+1+0
BTech	BIOTECH/MLT	Core	Basic Biochemistry	4	3+1+0
BTech	BIOTECH/ MICROBIOLOGY	Core	Immunology	4	3+1+0
B.Tech	Ag. Engg	Core	Engineering Properties of Agricultural Produce	2	1+1+0
B.Tech	Ag. Engg	Core	Watershed Hydrology	2	1+1+0
B.Tech	Ag. Engg	Core	Tractor and Automotive Engines	3	2+1+0
B.Tech	Ag. Engg	Core	Irrigation Engineering	3	2+1+0
B.Tech	Ag. Engg	Core	Tractor Systems and Controls	3	2+1+0
B.Tech	Ag. Engg	Core	Farm Machinery and Equipment-I	3	2+0+1
B.Tech	Ag. Engg	Core	Agricultural Structures and Environmental Control	2	1+0+1
B.Tech	Ag. Engg	Core	Sprinkler and Micro Irrigation Systems	2	1+1+0
B.Tech	Ag. Engg	Core	Soil-Water Conservation Engineering and Structure	4	3+0+1
B.Tech	Ag. Engg	Core	Watershed Planning and Management	2	1+1+0
B.Tech	Ag. Engg	Core	Drainage Engineering	2	1+1+0
B.Tech	Ag. Engg	Core	Farm Machinery and Equipment-II	3	2+0+1
B.Tech	Ag. Engg	Core	Post-Harvest Engineering of Horticultural Crops	2	1-0-1
B.Tech	Ag. Engg	Core	Groundwater, Wells and Pumps	2	2+1+0
B.Tech	Ag. Engg	Core	Tractor and Farm Machinery Operation and Maintenance	2	0+2+0
B.Tech	Ag. Engg	Core	Dairy and Food Engineering	3	2+0+1
BTech	Dairy Technology	Core	Milk Production Management and Dairy Development	3	(2+1+0)
BTech	Dairy Technology	Core	Physical Chemistry of Milk	3	(2-1-0)
BTech	Dairy Technology	Core	Market Milk	3	(2-1-0)
BTech	Dairy Technology	Core	Traditional Indian Dairy Products	2	(1-1-0)
BTech	Dairy Technology	Core	Microbiology of Fluid Milk	3	(2-1-0)
BTech	Dairy Technology	Core	Chemistry of Milk	3	(2-1-0)
BTech	Dairy Technology	Core	Fat Rich Dairy Products	3	(2-1-0)
BTech	Dairy Technology	Core	Microbiology of Dairy Products	2	(1-1-0)
BTech	Dairy Technology	Core	Dairy Process Engineering	3	(2-0-1)
BTech	Dairy Technology	Core	Starter Cultures and Fermented Milk Products	3	(2-1-0)

BTech	Dairy Technology	Core	Condensed & Dried Milks	3	(2-0-1)
BTech	Dairy Technology	Core	Quality and Safety Monitoring in Dairy Industry	3	(2-0-1)
BTech	Dairy Technology	Core	Ice-cream & Frozen Desserts	3	(2-0-1)
BTech	Dairy Technology	Core	Chemistry of Dairy Products	3	(2-1-0)
BTech	Dairy Technology	Core	Cheese Technology	3	(2-0-1)
BTech	Dairy Technology	Core	By Products Technology	3	(2-0-1)
BTech	Dairy Technology	Core	Packaging of Dairy Products	3	(2-0-1)
BTech	Dairy Technology	Core	Chemical Quality Assurance	2	(1-0-1)
BTech	Dairy Technology	Core	Dairy Plant Design and Layout	2	(1-0-1)
BTech	Dairy Technology	Core	Food and Industrial Microbiology	3	(2-0-1)
BTech	Dairy Technology	Core	Sensory Evaluation of Dairy Products	3	(2-1-0)
BTech	Dairy Technology	Core	Dairy Plant Management	2	(1-0-1)
BTech	Dairy Technology	Core	Waste Disposal and Pollution Abatement	2	(1-0-1)
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany/MSc	Core	Pharmacognosy and phytochemistry of Important medicinal herbs	4	2+1+1
BTech	Phytopharmaceuticals	Core	Ayurveda and fermentation technology	3	2+1+0
BTech	Phytopharmaceuticals	Core	Regulations & Certifications of Herbal Drugs	4	3+0+1
BTech	Phytopharmaceuticals	Core	Material Science of Excipients and Additives	3	2+0+1
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany	Core	Phyto-Pharmacology	4	2+1+1
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany	Core	Advanced separation technologies and downstream processing	4	2+1+1
BTech	Phytopharmaceuticals	Core	Packaging Technologies	3	2+0+1
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany/MSc	Core	Bioanalytical techniques	4	2+1+1
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany	Core	Herbal Cosmetic Technology	4	2+0+2
BTech	Phytopharmaceuticals	Core	Quality Assurance and Quality Control Of Herbal Products	3	2+0+1
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany	Core	Plant Biotechnology	4	2+1+1
B Tech/ MSc	Phytopharmaceuticals/ MSc Botany	Core	Good Manufacturing Practices-Herbal Industry	4	2+0+2
BTech	Phytopharmaceuticals	Core	Plant Design and Operation for Herbal Drugs	3	2+0+1
BTech	Phytopharmaceuticals	Core	Statistical Quality Control & Design of Experiments	3	2+0+1

**Group A : Agriculture/ Agri Engineering/Phyto pharma/ Dairy tech/ Fisheries/ Biological sciences**

**Group B: All other engineering/physical and mathematical science/vocational or skills**

**Group C: Pharmacy and Allied Health**

**Group D: Management & Media and Communication**

CUTM	A/B/D	Domain	Data Science and Machine Learning		
CUTM	A/B	Domain	Software Technology	20	0+7+13
CUTM	B	Domain	Cloud Technology	22	6+10+6
CUTM	B	Domain	Cyber Security		
CUTM	B	Domain	Embedded Systems	18	3+9+6
CUTM	A/B/D	Domain	AR & VR		
CUTM	B	Domain	Chip Design and Fabrication using VLSI	19	6+7+6
CUTM		Domain	Communication Systems	18	4+8+6
CUTM	B	Domain	Operation and Maintenance of Electrical Grid System	24	
CUTM	B	Domain	Industrial Automation	30	8+12+6+4
CUTM	A/B	Domain	Aerial Surveying and Remote Sensing Applications	18	4+10+4
CUTM	A/B	Domain	Construction Planning Monitoring and Project	17	4+6+7
CUTM	A/B	Domain	Architectural and Structural Design		
CUTM	A/B	Domain	Composite Design and Manufacturing	28	6+12+10
CUTM	A/B/D	Domain	GO-TO-MARKET	22	4+10+8
CUTM	A/B	Domain	Manufacturing (Conventional, CNC and Additive)		
CUTM	A/B	Domain	Welding and Inspection	21	7+8+6
CUTM	A/B	Domain	Automobile Engineering	24	7+7+6+4
CUTM	A/B	Domain	Renewable Energy	23	5+8+6+4
CUTM	A/B/D	Domain	Data Analytics- Visualisation	22	0+16+6
CUTM	A/B/D	Domain	Business Analytics	30	10+6+14
CUTM	A/B/C/D	Domain	Computational Fluid Dynamics	20	2+9+9
CUTM	A/B	Domain	Smart Farm Machinery	26	6+9+11
CUTM	B	Domain	Digital Twins and Simulation using 3D Epxerience		
CUTM	B	Domain	Smart BIM and Smart Infrastructure		
CUTM	B	Domain	Digital Manufacturing using 3D Experience Platform		
CUTM	A	Domain	Organic Farming	29	3+15+11
CUTM	A/B	Domain	Dairy Processing and Development	30	3+15+12
CUTM	A	Domain	Intensive Aquaculture	29	3+15+11
CUTM	A	Domain	Seed Production using Manual and Molecular Methods	29	3+15+11
CUTM	A/B/C	Domain	New Material Devlopment using Biovia Material Studio		
CUTM	A	Domain	Genetic Engineering & Genomics	29	3+0+26
CUTM	A/C	Domain	Drug Discovery using BIOVIA	29	3+6+20
CUTM	A/B	Domain	SMART Agriculture	29	3+6+20
CUTM	A/B	Domain	Protected Horticulture	29	3+15+11
CUTM	A/B	Domain	Soil and Water Conservation through Watersheds		
CUTM	A/B/D	Domain	Food Processing	29	3+15+11
CUTM	A/B/D	Domain	Agri Business Management	23	2+0+21
CUTM	A/B/D	Domain	Commodity and Food Storage	29	6+12+11
CUTM	A/B/D	Domain	Manufacturing Mangement		

MBA		Foundation (Basket-	Evolution of Management Thought	1	0+0+1
MBA & BBA		Foundation (Basket-	Communication and Placement Training	3	
MBA		Foundation (Basket-	Quantitative Techniques	5	3+1+1
MBA/MDM		Foundation (Basket-	Managerial Economics (Introduction to Micro Economics)	4	3+0+1
MBA & BBA		Foundation (Basket-	Data analysis through Microsoft Excel	2	0+0+2
MBA/MDM		Foundation (Basket-	Economic Environment of Business	4	3+0+1
MBA/MDM		Foundation (Basket-	Indian Society and Culture	2	1+0+1
MBA		Foundation (Basket-	Operation Research	1	0+0+1
MBA		Foundation (Basket-	Principles of Management (Peter F Drucker)	2	1+0+1
MBA		Foundation (Basket-	Basics of Design Thinking	2	0+1+1
MBA & BBA		Foundation (Basket-	Data Analysis and Visualization Using Python	4	0+1+3
MBA		Digital Technologies	Introduction to AI/ML	1	0.5+0+0.5
MBA		Digital Technologies	Introduction Data Analytics	1	0.5+0+0.5
MBA		Digital Technologies	Introduction Additive Manufacturing/3D Printing	1	0.5+0+0.5
MBA		Digital Technologies	Introduction to AR/VR	1	0.5+0+0.5
MBA		Digital Technologies	Introduction to Emerging Mobility Solutions	1	0.5+0+0.5
MBA		Digital Technologies	Introduction to Blockchain	1	0.5+0+0.5
MBA		Digital Technologies	Introduction to Robotics	1	0.5+0+0.5
MBA/MDM		Management	Accounting for Managers	4	3+0+1
MBA		Management	Marketing Management	4	3+0+1
MBA		Management	Organizational Behaviour	4	3+0+1
MBA		Management	Human Resource Management	4	2+0+2
MBA		Management	Management & Market Research (Introduction to Market	4	2+0+2
MBA/MDM		Management	Financial Management	4	3+0+1
MBA		Management	Production & Operations Management	3	2+0+1
MBA		Management	Project Management	3	2+0+1
MBA		Management	Introduction to PLM (Platforms such as 3DS)5	2	1+1+0
MBA		Management	Designing User/Customer Experience (UX/CX)	2	1+0+1
MBA		Management	Supply Chain Management	2	1+0+1
MBA		Sustainability	Gender, Human Rights and Ethics	3	1.5+0+1.5
MBA		Sustainability	Climate Change and Sustainable Development	3	1.5+0+1.5
MBA & BBA		Finance -Domain	Advanced Managerial Accounting	4	3+0+1
MBA & BBA		Finance -Domain	Financial Institutions, Markets & Services	4	3+0+1
MBA & BBA		Finance -Domain	Commercial Banking and ALM	4	3+0+1
MBA & BBA		Finance -Domain	Security Analysis And Portfolio Management	4	1+0+3
MBA & BBA		Finance -Domain	Project Appraisal & Financing	4	2+1+1
MBA & BBA		Finance -Domain	Current Asset Management (Working Capital	4	2+1+1
MBA & BBA		Finance -Domain	Financial Analysis and Visualization	4	1+0+3

MBA & BBA		Finance -Domain	Robotics Process Automation (RPA) in Finance	4	2+0+2
MBA &		Marketing- Domain	Rural Marketing	4	2+1+1
MBA & BBA		Marketing- Domain	Sales and Distribution Management	6	2+2+2
MBA & BBA		Marketing- Domain	Services & Financial Services Marketing	4	2+1+1
MBA & BBA		Marketing- Domain	Brand Management & Consumer Behaviour	4	2+2+0
MBA & BBA		Marketing- Domain	Digital Marketing & Marketing Communications	4	2+0+2
MBA & BBA		Marketing- Domain	Retail & Etail Management	4	2+0+2
MBA & BBA		Marketing- Domain	B2B Marketing	4	2+2+0
BBA		Core (BBA)	Management Principles and Applications	4	3+0+1
BBA		Core (BBA)	Organisational Behaviour	4	3+0+1
BBA		Core (BBA)	Business Statistics	6	4+2+0
BBA		Core (BBA)	Micro Economics	6	4+0+2
BBA		Core (BBA)	Business Accounting	6	4+0+2
BBA		Core (BBA)	Macro Economics	6	4+0+2
BBA		Core (BBA)	Principles of Marketing	6	4+0+2
BBA		Core (BBA)	Management Accounting	6	4+0+2
BBA		Core (BBA)	Research Methodology	6	4+0+2
BBA		Core (BBA)	Human Resource Management	6	4+0+2
BBA		Core (BBA)	Financial Management	6	4+0+2
BBA		Core (BBA)	Operation Research	6	4+0+2
BBA		Core (BBA)	Business Law	4	3+0+1
BBA		Core (BBA)	Strategic Management	6	4+1+1
BBA		Core (BBA)	Investment Banking & Financial Services	6	4+0+2
MDM/ABM		Core	Digital Development Communication	4	1+1+2
MDM/ABM		Core	Data Analysis using Excel and Python	4	0+2+2
MDM/ABM		Core	Development Project Management Planning Tools and	4	1+1+2
MDM/ABM		Core	Natural Resource Management	2	1+0+1
MDM/ABM		core	Development Theory and Practice	4	2+0+2
MDM/ABM		core	Development Project Management Planning Tools and	4	0+2+2
MDM/ABM		core	Social Research Methods	4	2+1+1
MDM/ABM		core	Agricultural Marketing	4	2+0+2
B.Sc./M.Sc./		Core	Human Anatomy & Physiology	3	2+1+0
M.Sc.CMB/		Core	Analytical Techniques	4	3+1+0
M.Sc.CMB/		Core	Biological Chemistry	3	2+1+0
M.Sc.CMB		Core	General Microbiology	4	3+1+0
M.Sc.CMB/		Core	Clinical Haematology	4	3+1+0
M.Sc.CMB/		Core	Systematic Bacteriology	4	3+1+0
M.Sc.CMB/		Core	Cell and Molecular Biology	3	2+1+0
B.Sc/M.Sc./		Core	Clinical Pathology	4	3+1+0

M.Sc.CMB		Core	Medical Parasitology and Mycology	5	3+2+0
M.Sc.CMB		Core	Applied microbiology	3	2+1+0
M.Sc.CMB/		Core	Clinical Biochemistry	3	2+1+0
M.Sc.CMB		Core	Immunology & Virology	5	3+2+0
M.Sc.CMB/		Core	Histology	4	3+1+0
B.Sc./M.Sc./		Core	Research Methodology	3	2+0+1
B.Sc/M.Sc.C		Core	Mini Project	2	0+0+2
M.Sc.CMB/		Core	Diagnostic Bacteriology	3	2+1+0
M.Sc.MLT		Core	Medical Laboratory Technology	5	3+2+0
M.Sc.MLT		Core	Medical Microbiology	4	3+1+0
M.Sc.MLT/B		Core	Blood Banking	4	3+1+0
M.Sc.MLT		Core	Health Programme in India	2	1+0+1
M.Sc.MLT/B		Core	Advanced Hematology	4	3+1+0
M.Sc.MLT		Core	Immunology & Parasitology	5	3+2+0
B.Sc		Core	Cell Biology	4	3+0+1
B.Sc		Core	Medical Instrumentation and Technique	3	2+1+0
B.Sc		Core	Haematology	5	3+2+0
B.Sc.CMB/		Core	Biochemistry	4	3+1+0
B.Sc.CMB/		Core	Microbiology	5	3+2+0
B.Sc/M.Sc.C		Core	Medical Law and Ethics	3	2+0+1
B.Sc.CMB		Core	Systemic Virology & Mycology	5	3+2+0
B.Sc.CMB/		Core	Immunology	4	3+1+0
B.Sc.CMB/		Core	Molecular Biology	4	3+0+1
B.Sc.CMB/		Core	Analytical Biochemistry	5	3+2+0
B.Sc.CMB		Core	Pharmaceutical Microbiology	4	3+1+0
B.Sc.CMB		Core	Public Health Microbiology	4	3+1+0
B.Sc.CMB		Core	Industrial Microbiology	4	3+0+1
B.Sc.CMB		Core	Diagnostic Virology	4	3+0+1
B.Sc.CMB		Core	Diagnostic Parasitology	3	2+1+0
B.Sc.CMB		Core	Diagnostic Mycology	4	3+1+0
B.Sc.CMB		Core	Epidemiology	2	1+0+1
B.Sc.MLT		Core	Parasitology	5	3+2+0
B.Sc.MLT		Core	Applied Haematology	5	3+2+0
B.Sc.MLT		Core	Immunopathology	4	3+0+1
B.Sc.MLT		Core	Medical Laboratory Management	4	3+0+1
B.Sc.MLT		Core	Mycology & Virology	5	3+2+0
B.Sc.MLT		Core	Introduction to Quality and Patient Safety	4	3+0+1
M.Sc/B.Sc/C		Core	Internship	10	NA
M.Sc/B.Sc/C		Core	Project	10	NA
B.Optometr		Core	Visual Optics –I	6	4+2+0

B.Optometr		Core	Optometric Optics –I	4	3+1+0
B.Optometr		Core	Ocular Diseases –I	3	2+0+1
B.Optometr		Core	Ocular Microbiology & Pathology	3	2+0+1
B.Optometr		Core	Clinical Examination Of Visual System Lab	2	0+2+0
B.Optometr		Core	Binocular Vision and Squient	6	3+2+1
B.Optometr		Core	Contact Lens	6	3+2+1
B.Optometr		Core	Low Vision Aid	5	3+2+0
B.Optometr		Core	Contact Lenses-II	5	3+2+0
B.Optometr		Core	Binocular Vision –I	5	3+2+0
B.Optometr		Core	Low Vision & Rehabilitation	4	3+1+0
B.Optometr		Core	Basic & Ocular Pharmacology	3	2+0+1
B.Sc.RIT		Core	Applied Radiation Physics & Radiation Protection	4	3+0+1
B.Sc.RIT		Core	Radiographic Technique - 1	6	4+2+2
B.Sc.RIT		Core	Basic Equipment in Radiotherapy	4	3+0+1
B.Sc.RIT		Core	Mammography and Ultrasound	4	3+0+1
B.Sc.RIT		Core	Applied Equipment of Radio Diagnosis	4	3+0+1
B.Sc.RIT		Core	Computerized Tomography (CT Scanning) Method &	4	3+0+1
B.Sc.RIT		Core	Basic of Magnetic Resonance Imaging	4	3+0+1
B.Sc.RIT		Core	Image Interpretation of X-Ray Mammography, CT & MRI	6	4+2+2
B.Sc.RIT		Core	Orientation in Clinical Sciences Course Contents	4	3+0+1
B.Sc.RIT		Core	Physics of CT & MRI	4	3+0+1
Diploma	All	Foundation	Mathematics-I	4	3+1+0
Diploma	All	Foundation	Mathematics-II	4	3+1+0
Diploma	All	Foundation	Industrial Chemistry	2	0+2+0
Diploma	All	Foundation	Instrumental Physics	2	0+2+0
Diploma	All	Smart	SBC Based System Design and IoT	4	0+3+1
Diploma	All	Smart	Introduction to Mechatronics	4	0+3+1
Diploma	All	Smart	Industry 4.0 and Smart Factory	4	0+2+2
Diploma	All	Smart	3D Modeling and Printing	4	0+3+1
Diploma	All	Smart	Programming in MATLAB	4	0+4+0
Diploma	All	Smart	Programming in Python	4	0+4+0
Diploma	All	Smart	Programming in C	4	0+4+0
Diploma	CE	Smart	Building Information Modelling	4	0+2+2
Diploma	CE,MIE,EE	Smart	Advanced GIS Application	4	1+2+1
Diploma	CE	Smart	Building Animation Rendering and Modeling	4	0+2+2
Diploma	MIE	Smart	Mines Modelling	4	0+3+1
Diploma	CSE	Smart	Mobile App Development	4	0+2+2

Diploma	EE, CSE	Core	Electronic Devices and Circuits	2	0+2+0
Diploma	EE	Core	Generation, Transmission, Distribution	3	2+0+1
Diploma	EE	Core	Energy Conversion-I	3	2+1+0
Diploma	EE	Core	Energy Conversion-II	3	2+1+0
Diploma	EE	Core	Transformer Testing and Maintenance	3	1+2+0
Diploma	EE	Core	Solar PV Testing and Maintainance	3	1+2+0
Diploma	EE	Core	SoC Testing and Application	3	0+2+1
Diploma	EE	Core	Switch Gear and Protective Devices	3	2+0+1
Diploma	ME	Core	Strength of Material	2	2+0+0
Diploma	ME	Core	Engineering Materials and Composites	2	2+0+0
Diploma	ME	Core	Mechanics of Machine	3	2+1+0
Diploma	ME	Core	Thermodynamics	3	2+1+0
Diploma	ME	Core	Machine Design	3	1+2+0
Diploma	ME	Core	Manufacturing & CAD - CAM	2	2+0+0
Diploma	ME	Core	Total Quality Management	2	2+0+0
Diploma	ME	Core	Fluid Mechanics and Hydraulic Machine	3	2+1+0
Diploma	CE	Core	Strentgh of Material	2	2+0+0
Diploma	CE	Core	Structural Analysis	3	2+1+0
Diploma	CE	Core	Structural Design (RCC)	3	2+1+0
Diploma	CE	Core	Construction Quality Control	3	0+2+1
Diploma	CE	Core	Estimation and Quantity Surveying	3	0+1+2
Diploma	CE	Core	Structural Design (Steel)	3	2+1+0
Diploma	CE	Core	Water Supply and Sanitary Enginnering	3	2+0+1
Diploma	MIE	Core	Mine Geology	3	2+1+0
Diploma	MIE	Core	Surface Mining Technology	3	2+0+1
Diploma	MIE	Core	Drilling and Blasting	3	2+0+1
Diploma	MIE	Core	Underground Mining (Coal &Metal)	3	2+0+1
Diploma	MIE	Core	Mine Legislation and General Safety	3	3+0+0
Diploma	MIE	Core	Mine Machinery	3	2+0+1
Diploma	MIE	Core	Mine Environmental Engineering	2	2+0+0
Diploma	CSE	Core	Desktop Publishing	4	0+2+2
Diploma	CSE	Core	Data Base Management System	4	2+2+0
Diploma	CSE	Core	Web Technology	2	0+2+0
Diploma	CSE	Core	Cloud Computing and Applications using Linux (PR)	4	0+2+2
Diploma	CSE	Core	Dot Net Programming (PR)	2	0+2+0
Diploma	CSE	Core	Computer Security (PR)	2	0+2+0
Diploma	All	JobRole	Installation Technician - Computing and Peripherals	6	1+4+1
Diploma	All	JobRole	Industrial Electrician	8	2+4+2
Diploma	All	JobRole	Porject / Internship	6	0+0+6

Diploma	EE	JobRole	Domestic Electrician	6	1+4+1
Diploma	EE	JobRole	Power System Technician	6	1+4+1
Diploma	EE,ME	JobRole	PLC Technician	6	1+4+1
Diploma	EE,ME	JobRole	Refrigeration and Air-conditioning Technician	6	1+4+1
Diploma	EE,ME	JobRole	HMI/SCADA Technician	6	1+4+1
Diploma	EE	JobRole	Transformer Manufacturing	6	1+4+1
Diploma	EE	JobRole	Supervisor-Industrial Automation	10	2+4+4
Diploma	EE	JobRole	Supervisor-Electrical Works	10	2+4+4
Diploma	EE	JobRole	Junior Engineer-Power Distributions	10	2+4+4
Diploma	ME,MIE,CE,EE	JobRole	Multi Skill Technician – Manufacturing	6	1+4+1
Diploma	ME,MIE	JobRole	Machine Tool Operator	6	1+4+1
Diploma	ME,MIE	JobRole	Welding Technician	6	1+4+1
Diploma	ME,MIE	JobRole	CNC Operation and Programming	6	1+4+1
Diploma	ME	JobRole	Welding Inspector	6	1+4+1
Diploma	ME	JobRole	Automotive Service Technician	6	1+4+1
Diploma	ME	JobRole	Supervisor (CAD/CAM)	10	2+4+4
Diploma	ME	JobRole	Associate Welding Inspector	10	2+4+4
Diploma	ME	JobRole	Automotive Supervisor	10	2+4+4
Diploma	CE	JobRole	Draughtsman	6	1+4+1
Diploma	CE	JobRole	Store Keeper	6	1+4+1
Diploma	CE	JobRole	Assistant Surveyor	6	1+4+1
Diploma	CE	JobRole	Supervisor (Construction)	10	2+4+4
Diploma	MIE,ME,CE	JobRole	HEMM Mechanic	6	1+4+1
Diploma	MIE	JobRole	Mining Surveyor	10	2+4+4
Diploma	MIE,ME,CE	JobRole	Mechatronics-in-Charge	6	1+4+1
Diploma	CSE	JobRole	IT, Networking and Cloud Assistant	6	1+4+1
Diploma	CSE	JobRole	Information & Communication Technology System	6	1+4+1
Diploma	CSE	JobRole	Media Developer Assistant	6	0+4+2
Diploma	CSE	JobRole	Cloud application developer	6	1+4+1
Diploma	CSE	JobRole	Animator	6	0+4+2
Diploma	CSE	JobRole	Cloud administrator	10	2+4+4
Diploma	CSE	JobRole	AR VR Developer	10	2+4+4
BAMC		Foundation	Communication in History and History of Communication	7	4+0+3
BAMC		Foundation	Introduction to Print & Electronic Media	7	2+3+2
BAMC		Foundation	Media, Communication and Culture	7	3+2+2
BAMC		Core	Introduction to Communication Theory	7	5+0+2
BAMC		Core	Introduction to Social Media	7	1+3+3
BAMC		Core	Electronic Media	7	3+2+2
BAMC		Core	Development Communication	7	3+1+3

BAMC		Core	Gender and Communication	7	5+1+1
BAMC		Core	Intercultural Communication	7	2+2+3
BAMC		Core	Film Studies (Media & Film Art)	7	3+2+2
BAMC		Core	PR and Advertising	7	2+3+2
BAMC		Core	Digital media	7	2+3+2
BAMC		Core	Final Project	7	0+0+7
MAMC		Foundation	Communication Research Methods	8	2+4+2
MAMC		Foundation	Introduction to Print & Electronic Media	8	2+3+3
MAMC		Core	Society, Media and Communication	8	4+0+4
MAMC		Core	Cultural Studies	8	4+2+2
MAMC		Core	Advanced Digital Media	8	2+3+3
MAMC		Core	Digital Media Platforms	8	3+2+3
MAMC		Core	Film studies (Media and Film Arts)	8	3+3+2
MAMC		Core	Advertising and Public Relations	8	3+3+2
MAMC		Core	Thesis	8	0+4+3
MAMC/BA		Elective	Animation	7	0+4+3
MAMC/BA		Elective	Radio Jockeying	7	0+4+3
MAMC/BA		Elective	TV Anchoring	7	0+4+3
MAMC/BA		Elective	Fashion Photography	7	0+4+3
MAMC/BA		Elective	Camera Operator	7	0+4+3
MAMC/BA		Elective	Video Editor	7	0+4+3
MAMC/BA		Elective	Web Content Developmet	7	0+4+3
MAMC/BA		Elective	Sound Engineer	7	0+4+3
MAMC/BA		Elective	Adobe tools and, Illustration	7	0+4+3

B.Sc.(Hons)	Agriculture	Core	Fundamentals of Agronomy	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Genetics	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Soil Science	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Horticulture	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Plant Pathology	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Rural Sociology & Educational Psychology	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Agricultural Heritage	1	1+0+0
B.Sc.(Hons)	Agriculture	Core	Agricultural Economics & Trade	3	3+0+0
B.Sc.(Hons)	Agriculture	Core	Statistical Method	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Soil And Water Conservation Engineering	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Crop Physiology	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Introductory Agro Meteorology and Climate Change	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Agricultural Microbiology	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Irrigation Water Management	2	1+1+0

B.Sc.(Hons)	Agriculture	Core	Production Technology for Vegetables and Spices	2	1+0+1
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Entomology –I	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Agricultural Extension Education	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Farm Machinery and Power	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Introduction to Forestry	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Agricultural Finance and Cooperation	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Agricultural Marketing & Prices	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Crop Production Technology – I	3	2+0+1
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Plant Breeding	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Entomology- II	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Weed Management	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Plant Biochemistry	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Production Technology of Fruits and Plantation Crops	2	1+0+1
B.Sc.(Hons)	Agriculture	Core	Agricultural Informatics	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Live Stock and Poultry Management	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Human Values & Ethics	1	1+0+0
B.Sc.(Hons)	Agriculture	Core	Renewable Energy and Green Technology	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Fundamentals of Plant Biotechnology	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Rain-Fed Agriculture & Watershed Management	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Principles of Seed Technology	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Diseases of Field and Horticultural Crops and Their	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Crop Production Technology –II	2	1+0+1
B.Sc.(Hons)	Agriculture	Core	Production Technology for Ornamental Crops, MAP and	2	1+0+1
B.Sc.(Hons)	Agriculture	Core	Manures, Fertilizers and Soil Fertility Management	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Entrepreneurship Development And Business	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Principles of Food Science And Nutrition	2	2+0+0
B.Sc.(Hons)	Agriculture	Core	Problematic Soils and Their Management	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Pests of Field Crops and Stored Grain and Their	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Diseases of Field and Horticultural Crops and Their	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Crop Improvement-I	2	1+0+1
B.Sc.(Hons)	Agriculture	Core	Geoinformatics and Nano-Technology for Precision	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Practical Crop Production – I	2	0+0+2
B.Sc.(Hons)	Agriculture	Core	Environmental Studies and Disaster Management	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Farming System & Organic Farming for Sustainable	3	2+0+1
B.Sc.(Hons)	Agriculture	Core	Practical Crop Production II	2	0+0+2
B.Sc.(Hons)	Agriculture	Core	Post-Harvest Management and Value Addition of Fruits	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Pests of Horticultural Crops and Their Management and	3	2+1+0
B.Sc.(Hons)	Agriculture	Core	Crop Improvement-II	2	1+0+1
B.Sc.(Hons)	Agriculture	Core	Principles of Integrated Pest and Disease Management	2	1+1+0
B.Sc.(Hons)	Agriculture	Core	Protected Cultivation and Post Harvest Technologies	2	1+1+0

B.Sc.(Hons)	Agriculture	Core	Intellectual Property Rights	1	1+0+0
B.Sc.(Hons)	Agriculture	Core	Production Economics and Farm Management	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Principles of Aquaculture	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Taxonomy of Finfish	3	1+0+2
B.F.Sc.	Fisheries Science	Core	Aquaculture in Reservoirs	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Meteorology, Climatology and Geography	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Statistical Methods	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fundamentals of Biochemistry	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fish in Nutrition	1	1+0+0
B.F.Sc.	Fisheries Science	Core	Fresh Water Aquaculture	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Anatomy and Biology of Finfish	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Limnology	3	2+0+1
B.F.Sc.	Fisheries Science	Core	Marine Biology	3	2+0+1
B.F.Sc.	Fisheries Science	Core	Inland Fisheries	3	2+0+1
B.F.Sc.	Fisheries Science	Core	Food Chemistry	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Taxonomy of Shellfish	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Physiology of Finfish and Shellfish	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fish Food Organisms	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Fishery Oceanography	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Ornamental Fish Production and Management	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Freezing Technology	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Genetics and Breeding	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Fish Immunology	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Fish Nutrition and Feed Technology	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fish Canning Technology	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Fish Packaging Technology	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Fishing Craft Technology	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Fisheries Extension Education	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Microbial and Parasitic Diseases of Fish and Shellfish	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Finfish Hatchery management	3	2+0+1
B.F.Sc.	Fisheries Science	Core	Anatomy and biology of shell fish	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Marine Fisheries	3	2+0+1
B.F.Sc.	Fisheries Science	Core	Fisheries Cooperative and Marketing	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Fishing Gear Technology	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Fish Population dynamics and Stock Assessment	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Coastal Zone Management	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Refrigeration and Equipment Engineering	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fisheries Policy and Law	1	1+0+0
B.F.Sc.	Fisheries Science	Core	Aquatic Pollution	2	1+1+0

B.F.Sc.	Fisheries Science	Core	Fishing Technology	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Fish Production and Value Addition	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Microbiology of Fish and Fisheries Product	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Navigation and seamanship	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Fish Byproducts and waste utilization	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Quality assurance of Fish and Fishery Products	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fundamentals of Microbiology	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Therapeutics in Aquaculture	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Fish and Shellfish Pathology	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Fish Toxicology	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Introduction to biotechnology and Bioinformatics	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Pharmacology	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Shellfish Hatchery Management	2	1+0+1
B.F.Sc.	Fisheries Science	Core	Aquaculture Engineering	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Soil and Water Chemistry	3	2+1+0
B.F.Sc.	Fisheries Science	Core	Information and Communication Technology	2	1+1+0
B.F.Sc.	Fisheries Science	Core	Aquatic Ecology, Biodiversity and Disaster	3	2+0+1
B.F.Sc.	Fisheries Science	Core	Aquatic Mammals, Reptiles and Amphibians	1	1+0+0
B.F.Sc.	Fisheries Science	Core	Coastal Aquaculture and Mariculture	3	2+1+0

M.Sc	Physics	Core	Energy storage materials	4	3+1+0
M.Sc	Physics	Core	Bio and bimimetic nanomaterials	4	3+0+1
M.Sc	Physics	Core	Photovoltaic technology and nanocatalysts	4	3+1+0
M.Sc	Physics, Chemistry	Core	Advanced characterization techniques	4	3+0+1
M.Sc	Physics	Core	Smart electronics materials	4	3+0+1
M.Sc	Physics	Core	Corrosion and advanced coating application	4	3+0+1
M.Sc	Physics, Chemistry	Core	Synthesis and application of nano composites	4	3+1+0
M.Sc	Physics	Core	Material behavior of nanostructures	4	3+1+0
M.Sc	Physics	Core	Emerging materials	4	3+0+1
M.Sc	Physics, Chemistry	Core	Synthesis routes of nanomaterials	4	3+1+0
M.Sc	Physics, Chemistry	Core	Computational materials science	4	2+2+0
M.Sc	Physics	Core	Plasma technology	4	3+0+1
M.Sc	Physics	Core	Essentials of nanomaterials	4	3+1+0
M.Sc	Physics	Core	Advanced quantum mechanics	4	2+0+2
M.Sc	Physics	Core	Physics of solids and semiconductors	4	3+1+0
M.Sc	Physics	Core	Laser technology	4	2+1+1
M.Sc	Chemistry	Core	Industrial chemicals	4	3+1+0
M.Sc	Chemistry,	Core	Pharmacognosy and phytochemistry	4	3+1+0

M.Sc	Chemistry	Core	Polymer chemistry	4	3+1+0
M.Sc	Chemistry,	Core	Packaging	4	3+1+0
M.Sc	Chemistry	Core	Industrial pollution and its waste management	4	3+1+0
M.Sc	Chemistry	Core	Toxicology	4	3+1+0
M.Sc	Chemistry	Core	Biopolymer and hydrogel	4	3+1+0
M.Sc	Chemistry,	Core	Nano-pharmaceuticals and biomedical science	4	3+1+0
M.Sc	Chemistry	Core	Synthetic organic chemistry	4	3+1+0
M.Sc	Chemistry	Core	Energy storage system	4	3+1+0
M.Sc	Chemistry	Core	Sustainable chemistry	4	3+1+0
M.Sc	Chemistry	Core	Analytical techniques	4	3+1+0
M.Sc	Botany, Phytopharma	Core	Herbal Cosmetic Technology	4	3+1+0
M.Sc	Botany, Phytopharma	Core	Plant Physiology and Metabolism	4	3+1+0
M.Sc	Botany, Phytopharma	Core	Good Manufacturing Practices-Herbal Industry	4	3+1+0
M.Sc	Botany	Core	Developmental Biology and Phytotomy	4	3+1+0
M.Sc	Botany	Core	Systematics and Diversity Of Plants	4	3+1+0
M.Sc	Botany, Phytopharma	Core	Advanced Separation Technologies and Downstream	4	3+1+0
M.Sc	Botany	Core	Biochemistry and Enzyme Technology	4	3+1+0
M.Sc	Botany	Core	Advances In Plant Ecology	4	3+1+0
M.Sc	Botany	Core	Computational Biology	4	3+1+0
M.Sc	Botany, Zoology	Core	Microbiology	4	3+1+0
M.Sc	Botany, Zoology	Core	Cell and Molecular Biology	4	3+1+0
M.Sc	Botany, Zoology,	Core	Bioanalytical Techniques	4	3+1+0
M.Sc	Botany, Phytopharma	Core	Plant Biotechnology	4	3+1+0
M.Sc	Botany	Core	Plant Breeding and Genetics	4	3+1+0
M.Sc	Botany	Core	Plant Genomics	4	3+1+0
M.Sc	Zoology	Core	Advanced aquaculture	4	3+1+0
M.Sc	Zoology	Core	Water and soil quality management in aquaculture	4	3+1+0
M.Sc	Zoology	Core	Fish and shell fish nutrition	4	3+1+0
M.Sc	Zoology	Core	Fish and shell fish health management	4	3+1+0
M.Sc	Zoology	Core	Anatomy and biology of fish and shell fish	4	3+1+0
M.Sc	Zoology	Core	Coastal aquaculture	4	3+1+0
M.Sc	Zoology	Core	Fish processing and value addition	4	3+1+0
M.Sc	Zoology	Core	Ornamental aquaculture	4	3+1+0
M.Sc	Zoology	Core	Animal physiology and biochemistry	4	3+1+0
M.Sc	Zoology	Core	Immunology and cancer biology	4	3+1+0
M.Sc	Zoology	Core	Animal biotechnology	4	3+1+0
M.Sc	Zoology	Core	Animal breeding	4	3+1+0
M.Sc	Zoology	Core	Genetics and epigenetics	4	3+1+0

B.Sc.	Botany	Core	Phycology and Microbiology	6	3+2+1
B.Sc.	Botany	Core	Biomolecules & Cell biology	6	3+2+1
B.Sc.	Botany	Core	Mycology & Phytopathology	6	3+2+1
B.Sc.	Botany	Core	Archegoniate	6	3+2+1
B.Sc.	Botany	Core	Anatomy of Angiosperms	6	3+2+1
B.Sc.	Botany	Core	Economic Botany	6	3+2+1
B.Sc.	Botany	Core	Basics of Genetics	6	3+2+1
B.Sc.	Botany	Core	Molecular Biology	6	3+2+1
B.Sc.	Botany	Core	Plant Ecology and Phytogeography	6	3+2+1
B.Sc.	Botany	Core	Plant Systematics	6	3+2+1
B.Sc.	Botany	Core	Reproductive Biology of Angiosperm	6	3+2+1
B.Sc.	Botany	Core	Plant Physiology	6	3+2+1
B.Sc.	Botany	Core	Plant Metabolism	6	3+2+1
B.Sc.	Botany	Core	Plant Biotechnology	6	3+2+1
B.Sc.	Chemistry	Core	Atomic Structure and Chemical bonding-I	6	3+2+1
B.Sc.	Chemistry	Core	States of matter and ionic equilibrium	6	3+2+1
B.Sc.	Chemistry	Core	Basics and Hydrocarbons	6	3+2+1
B.Sc.	Chemistry	Core	Chemical Thermodynamics and its application	6	3+2+1
B.Sc.	Chemistry	Core	S- and P-block elements	6	3+2+1
B.Sc.	Chemistry	Core	Oxygen Containing Functional Groups	6	3+2+1
B.Sc.	Chemistry	Core	Phase Equilibria & Chemical Kinetics	6	3+2+1
B.Sc.	Chemistry	Core	Coordination Chemistry	6	3+2+1
B.Sc.	Chemistry	Core	Heterocyclic Chemistry	6	3+2+1
B.Sc.	Chemistry	Core	Electrochemistry	6	3+2+1
B.Sc.	Chemistry	Core	Biomolecules	6	3+2+1
B.Sc.	Chemistry	Core	Quantum Chemistry & Spectroscopy	6	3+2+1
B.Sc.	Chemistry	Core	Organometallic chemistry	6	3+2+1
B.Sc.	Chemistry	Core	Spectroscopy	6	3+2+1
B.Sc.	Physics	Core	Mathematical Physics-1	6	3+2+1
B.Sc.	Physics	Core	Mechanics	6	4+2+0
B.Sc.	Physics	Core	Thermal Physics	6	3+2+1
B.Sc.	Physics	Core	Waves and optics	6	3+2+1
B.Sc.	Physics	Core	Mathematical Physics II	6	3+2+1
B.Sc.	Physics	Core	Electricity and Magnetism	6	3+2+1
B.Sc.	Physics	Core	Analog systems and Applications	6	4+2+0
B.Sc.	Physics	Core	Mathematical Physics III	6	4+2+0
B.Sc.	Physics	Core	Elements of Modern Physics	6	3+2+1

B.Sc.	Physics	Core	Digital systems and Applications	6	4+2+0
B.Sc.	Physics	Core	Quantum Mechanics & Applications	6	4+1+1
B.Sc.	Physics	Core	Solid State Physics	6	3+2+1
B.Sc.	Physics	Core	Electro-magnetic Theory	6	3+2+1
B.Sc.	Physics	Core	Statistical Mechanics	6	4+2+0
BSc	Zoology	Core	Non Chordates-I	6	3+2+1
BSc	Zoology	Core	Non Chordates-II	6	3+2+1
BSc	Zoology	Core	Principles of Ecology	6	3+2+1
BSc	Zoology	Core	Cell Biology	6	3+2+1
BSc	Zoology	Core	Diversity of Chordates	6	3+2+1
BSc	Zoology	Core	Physiology - Controlling and Coordinating system	6	3+2+1
BSc	Zoology	Core	Fundamentals of Biochemistry	6	3+2+1
BSc	Zoology	Core	Comparative Anatomy of Vertebrates	6	3+2+1
BSc	Zoology	Core	Physiology- Life sustaining system	6	3+2+1
BSc	Zoology	Core	Biochemistry of Metabolic processes	6	3+2+1
BSc	Zoology	Core	Molecular Biology	6	3+2+1
BSc	Zoology	Core	Principles of Genetics	6	3+2+1
BSc	Zoology	Core	Developmental Biology	6	3+2+1
BSc	Zoology	Core	Evolutionary Biology	6	3+2+1
<u>B.SC</u>	Mathematics	Core	Calculus	6	3+1 +2
<u>B.SC</u>	Mathematics	Core	Linear Algebra	6	3+1 +2
<u>B.SC</u>	Mathematics	Core	Analysis-I	6	3+2 +1
<u>B.SC</u>	Mathematics	Core	Ordinary Differential Equations	6	3+ 2+1
<u>B.SC</u>	Mathematics	Core	Analysis-II	6	3+2 +1
<u>B.SC</u>	Mathematics	Core	Modern Algebra	6	3+0 +3
<u>B.SC</u>	Mathematics	Core	Partial Differential Equations and system of ordinary	6	3+2 +1
<u>B.SC</u>	Mathematics	Core	Numerical Analysis	6	3+ 2+1
<u>B.SC</u>	Mathematics	Core	Advanced Analysis	6	3+ 0+3
<u>B.SC</u>	Mathematics	Core	Complex Analysis	6	3+ 1+2
<u>B.SC</u>	Mathematics	Core	INTEGRAL TRANSFORMATION	6	3+2 +1
<u>B.SC</u>	Mathematics	Core	Discrete Mathematics	6	3+1 +2
<u>B.SC</u>	Mathematics	Core	Linear Programming	6	3+2 +1
<u>B.SC</u>	Mathematics	Core	Probability and Statistics	6	3+2 +1
<u>M.Sc</u>	Mathematics,BTech	Core	Heat and Mass Transfer	4	2+1+1
<u>M.Sc</u>	Mathematics	Core	Numerical Methods for CFD	4	2+1+1
<u>M.Sc</u>	Mathematics	Core	Fluid Dynamics	4	3+1+0
<u>M.Sc</u>	Mathematics	Core	Geometry and grid generation	4	0+2+2

M.Sc	Mathematics	Core	Applications of CFD using Computational tools	4	0+2+2
M.Sc	Mathematics	Core	Advanced differential equations	4	3+1+0
M.Sc	Mathematics	Core	Graph Theory	4	2+1+1
M.Sc	Mathematics	Core	Optimization techniques	4	3+1+0
M.Sc	Mathematics	Core	Advance Statistical methods	4	3+1+0
M.Sc	Mathematics	Core	Applied Number Theory	4	3+1+0
M.Sc	Mathematics	Core	Advanced complex analysis	4	3+0+1
M.Sc	Mathematics	Core	Topology	4	2+0+2
M.Sc	Mathematics	Core	Differential Geometry and Tensor Calculus	4	2+0+2
M.Sc	Mathematics	Core	Numerical algebra	4	2+1+1
All	All	Skill	Apparel Production & Marketing	4	0+3+1
All	All	Skill	Line Stitching Supervising	4	0+3+1
All	All	Skill	Apparel Production	4	0+3+1
All	All	Skill	Light Motor Vehicle Driving	4	0+3+1
All	All	Skill	Fork Lift Operation	4	0+3+1
All	All	Skill	Heavy Vehicle Technology	4	0+3+1
All	All	Skill	Two Wheeler Service Technology	4	0+3+1
All	All	Skill	Four Wheeler Service Technology	4	0+3+1
All	All	Skill	E-Vehicle Assembly and Service Technology	4	0+3+1
All	All	Skill	Robotics	4	0+3+1
All	All	Skill	CNC Machinist	4	0+3+1
All	All	Skill	CNC Programming (CAM)	4	0+3+1
All	All	Skill	Design Supervising	4	0+3+1
All	All	Skill	Introduction to Composite Manufacturing	4	0+3+1
All	All	Skill	3D Modelling and Printing	4	0+3+1
All	All	Skill	Pottery	4	0+3+1
All	All	Skill	Precast Concrete Manufacturing	4	0+3+1
All	All	Skill	Fabrication	4	0+3+1
All	All	Skill	Hi-Tech Surveying	4	0+3+1
All	All	Skill	Internet of Things	4	0+3+1
All	All	Skill	Mechatronics System Design	4	0+3+1
All	All	Skill	Plant/Drug Research using Biovia	4	0+3+1
All	All	Skill	Introduction to Nanotechnology	4	0+3+1
All	All	Skill	Drone Piloting	4	0+3+1
All	All	Skill	Camera Operation	4	0+3+1

All	All	Skill	Editor	4	0+3+1
All	All	Skill	Desktop Publishing	4	0+3+1
All	All	Skill	Introduction to Blender and Unity tools	4	0+3+1
All	All	Skill	Refraction Technology	4	0+3+1
All	All	Skill	Emergency Medical Technicnology	4	0+3+1
All	All	Skill	Medical Lab Technology	4	0+3+1
All	All	Skill	Operating Theatre Technology	4	0+3+1
All	All	Skill	Radiology Technology	4	0+3+1
All	All	Skill	Phlebotomy Technology	4	0+3+1
All	All	Skill	First Aid Service	4	0+3+1
All	All	Skill	General Duty Assistance Service	4	0+3+1
All	All	Skill	X- ray Technology	4	0+3+1
All	All	Skill	Wantrepreneur to Entrepreneur	4	0+3+1
All	All	Skill	Retail Sales	4	0+3+1
All	All	Skill	Basketball	4	0+3+1
All	All	Skill	Gym Fitness	4	0+3+1
All	All	Skill	Swimming	4	0+3+1
All	All	Skill	Beauty Therapy	4	0+3+1
All	All	Skill	Yoga & Meditation	4	0+3+1
All	All	Skill	Solar PV Installation	4	0+3+1
All	All	Skill	Solar Lighting Technology	4	0+3+1
All	All	Skill	Gardening	4	0+3+1
All	All	Skill	Microgrid Design and Implementation	4	0+3+1
All	All	Skill	Solar Driven Equipment Assembly	4	0+3+1
All	All	Skill	Solar Thermal Engineering	4	0+3+1
All	All	Skill	Introduction to Quantum Computing	4	0+3+1
All	All	Skill	Introcution to Highperformace Computing	4	0+3+1
All	All	Skill	Organic Farming	4	0+3+1
All	All	Skill	Mushroom Farming	4	0+3+1
All	All	Skill	Hydroponics Technology	4	0+3+1
All	All	Skill	Poultry Farming	4	0+3+1
All	All	Skill	Dairy Farming	4	0+3+1
All	All	Skill	Vermicomposting Farming	4	0+3+1
All	All	Skill	Transformer Manufacturing, Repairing and Maintenance	4	0+3+1

All	All	Skill	CCTV Installtion	4	0+3+1
All	All	Skill	Electrical Installation	4	0+3+1
All	All	Skill	Repair and Maintainance of	4	0+3+1
All	All	Skill	Refrigeration and air conditioning	4	0+3+1
All	All	Skill	Super critical Co2 plant operation	4	0+3+1
All	All	Skill	Seed production - Paddy	4	0+3+1
All	All	Skill	Paddy Processing and marketing	4	0+3+1
All	All	Skill	Business Plan Preparation	4	0+3+1
All	All	Skill	Dairy Plant operation	4	0+3+1
All	All	Skill	Fruit processing with dryers	4	0+3+1
All	All	Skill	Composite fabrication practice	4	0+3+1
All	All	Skill	Powder coating practice	4	0+3+1
All	All	Skill	Farm appliances operation( tractor, harvester and	4	0+3+1
All	All	Skill	Sewage Treatment plant operation	4	0+3+1
All	All	Skill	Solid Waste management	4	0+3+1
All	All	Skill	Bio fertilisers preparation	4	0+3+1
All	All	Skill	PCB designing & fabrication	4	0+3+1
All	All	Skill	Introduction to Block Chain Technology	4	0+3+1
All	All	Skill	Introduction to Nutraceuticals	4	0+3+1
All	All	Skill	Introduction to NLP	4	0+3+1
All	All	Skill	Introduction to Computational Biology	4	0+3+1
All	All	Skill	Product Life Cycle Management through Gate process	4	0+3+1
All	All	Skill	New material development with Biovia	4	0+3+1
All	All	Skill	Spectral image processing using Python	4	0+3+1
All	All	Skill	Satellite data processing	4	0+3+1
All	All	Skill	working with Graphene and carbon fibre	4	0+3+1
<u>M.Sc</u>	Forensic Science	Core	Introduction to Forensics,Psychology Law and Statistics	6	4+2+0
<u>MSc</u>	Forensic Science	Core	Instrumental Techniques	6	4+2+0
<u>M.Sc</u>	Forensic Science	Core	Crime Scene Management and Forensic Physics	6	4+2+0
<u>M.Sc</u>	Forensic Science	Core	Fingerprints and Questioned Documents	6	4+2+0
<u>M.Sc</u>	Forensic Science	Core	Buisness Communication	2	0+2+0
<u>M.Sc</u>	Forensic Science	Core	Molecular Biology and Genetics	6	4+2+0
<u>M.Sc</u>	Forensic Science	Core	Biotechnology in Pharmaceutical Sciences	6	4+2+0
<u>M.Sc</u>	Forensic Science	Core	Environmental Biotechnology	6	2+0+0
BSc	Forensic Science	Core	Basics of Forensic Science	6	4+2+0
BSc	Forensic Science	Core	Crime and Society	6	4+2+0
BSc	Forensic Science	Core	Environmental Science	4	4+0+0
BSc	Forensic Science	Core	Forensic Dermatoglyphics	6	4+2+0

BSc	Forensic Science	Core	Technological Methods in Forensic Science	6	4+2+0
BSc	Forensic Science	Core	Criminalistics	6	4+2+0
BSc	Forensic Science	Core	Introduction to Biometry	2	0+2+0
B.Pharm	Pharmacy	Core	Human Anatomy and Physiology-I	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Analysis-I	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutics-I	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Inorganic Chemistry	6	4+2+0
B.Pharm	Pharmacy	Core	Communication skills	3	2+1+0
B.Pharm	Pharmacy	Core	Remedial Biology	3	2+1+0
B.Pharm	Pharmacy	Core	Remedial Mathematics	2	2+0+0
B.Pharm	Pharmacy	Core	Human Anatomy and Physiology II	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Organic Chemistry I	6	4+2+0
B.Pharm	Pharmacy	Core	Biochemistry	6	4+2+0
B.Pharm	Pharmacy	Core	Pathophysiology	4	4+0+0
B.Pharm	Pharmacy	Core	Computer Applications in Pharmacy	4	3+1+0
B.Pharm	Pharmacy	Core	Environmental Sciences	3	3+0+0
B.Pharm	Pharmacy	Core	Pharmaceutical Organic Chemistry-II	6	4+2+0
B.Pharm	Pharmacy	Core	Physical Pharmaceutics-I	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Microbiology	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Engineering	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Organic Chemistry III	4	4+0+0
B.Pharm	Pharmacy	Core	Medicinal Chemistry I	6	4+2+0
B.Pharm	Pharmacy	Core	Physical Pharmaceutics II	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmacology I	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmacognosy and Phytochemistry I	6	4+2+0
B.Pharm	Pharmacy	Core	Medicinal Chemistry-II	4	4+0+0
B.Pharm	Pharmacy	Core	Industrial Pharmacy-I	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmacology II	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmacognosy and Phytochemistry-II	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmaceutical Jurisprudence	4	4+0+0
B.Pharm	Pharmacy	Core	Medicinal Chemistry III	6	4+2+0
B.Pharm	Pharmacy	Core	Pharmacology III	6	4+2+0
B.Pharm	Pharmacy	Core	Herbal Drug Technology	6	4+2+0
B.Pharm	Pharmacy	Core	Biopharmaceutics and Pharmacokinetics	4	4+0+0
B.Pharm	Pharmacy	Core	Pharmaceutical Biotechnology	4	4+0+0
B.Pharm	Pharmacy	Core	Quality Assurance	4	4+0+0
B.Pharm	Pharmacy	Core	Instrumental Methods of Analysis	6	4+2+0
B.Pharm	Pharmacy	Core	Industrial Pharmacy-II	4	4+0+0
B.Pharm	Pharmacy	Core	Pharmacy Practice	4	4+0+0

B.Pharm	Pharmacy	Core	Novel Drug Delivery System	4	4+0+0
B.Pharm	Pharmacy	Core	Practice School	6	0+0+6
B.Pharm	Pharmacy	Core	Biostatistics and Research Methodology	4	4+0+0
B.Pharm	Pharmacy	Core	Social and Preventive Pharmacy	4	4+0+0
B.Pharm	Pharmacy	Elective	Pharmaceutical Marketing	4	4+0+0
B.Pharm	Pharmacy	Elective	Pharmaceutical Regulatory Science	4	4+0+0
B.Pharm	Pharmacy	Elective	Pharmacovigilance	4	4+0+0
B.Pharm	Pharmacy	Elective	Quality Control and Standardizations of Herbals	4	4+0+0
B.Pharm	Pharmacy	Elective	Computer Aided Drug Design	4	4+0+0
B.Pharm	Pharmacy	Elective	Cell and Molecular Biology	4	4+0+0
B.Pharm	Pharmacy	Elective	Cosmetic Science	4	4+0+0
B.Pharm	Pharmacy	Elective	Experimental Pharmacology	4	4+0+0
B.Pharm	Pharmacy	Elective	Advanced Instrumentation Techniques	4	4+0+0
B.Pharm	Pharmacy	Elective	Dietary Supplements and Nutraceuticals	4	4+0+0
B.Pharm	Pharmacy	Core	Project Work	6	0+0+6
D.Pharm	Pharmacy	Core	Pharmaceutics-I	7	3+4+0
D.Pharm	Pharmacy	Core	Pharmaceutical Chemistry-I	6	3+3+0
D.Pharm	Pharmacy	Core	Pharmacognosy	6	3+3+0
D.Pharm	Pharmacy	Core	Biochemistry & Clinical Pathology	5	2+3+0
D.Pharm	Pharmacy	Core	Human Anatomy & Physiology	5	3+2+0
D.Pharm	Pharmacy	Core	Health Education & Community Pharmacy	3	3+0+0
D.Pharm	Pharmacy	Core	Pharmaceutics-II	7	3+4+0
D.Pharm	Pharmacy	Core	Pharmaceutical Chemistry-II	6	3+3+0
D.Pharm	Pharmacy	Core	Pharmacology & Toxicology	6	3+3+0
D.Pharm	Pharmacy	Core	Pharmaceutical Jurisprudence	2	2+0+0
D.Pharm	Pharmacy	Core	Drug Store And Business Management	3	3+0+0
D.Pharm	Pharmacy	Core	Hospital & Clinical Pharmacy	5	3+2+0
MBA	Pharmaceutical Management	Core	Evolution of Management Thought	2	2+0+0
MBA	Pharmaceutical Management	Core	Basic Communication Skills	4	4+0+0
MBA	Pharmaceutical Management	core	Quantitative Techniques	4	4+0+0
MBA	Pharmaceutical Management	core	Managerial Economics	4	4+0+0
MBA	Pharmaceutical Management	core	Managerial Computing	2	2+0+0

MBA	Pharmaceutical Management	core	Accounting for Managers	4	4+0+0
MBA	Pharmaceutical Management	core	Marketing Management	4	4+0+0
MBA	Pharmaceutical Management	core	Organizational Behaviour	4	4+0+0
MBA	Pharmaceutical Management	core	Anatomy Physiology & Health Education	4	4+0+0
MBA	Pharmaceutical Management	core	Management Information Systems	2	2+0+0
MBA	Pharmaceutical Management	core	Communication Perspective of Management	2	2+0+0
MBA	Pharmaceutical Management	core	Human Resource Management	4	4+0+0
MBA	Pharmaceutical Management	core	Management & Market Research	4	4+0+0
MBA	Pharmaceutical Management	core	Production & Operations Management	4	4+0+0
MBA	Pharmaceutical Management	core	Pharmacology	4	4+0+0
MBA	Pharmaceutical Management	core	Basic Epidemiology	2	2+0+0
MBA	Pharmaceutical Management	core	Selling And Reporting Skills Of Pharmaceutical Product	4	4+0+0
MBA	Pharmaceutical Management	core	Human Rights	1	1+0+0
MBA	Pharmaceutical Management	core	Gender Issues in Development	1	1+0+0
MBA	Pharmaceutical Management	core	Strategic Management and Ethics	4	4+0+0
MBA	Pharmaceutical Management	core	Logistics and Supply Chain Management	2	2+0+0
MBA	Pharmaceutical Management	core	Pharmaceutical Brand Management	4	4+0+0
MBA	Pharmaceutical Management	core	Pharmaceutical Sales and Distribution Management	4	4+0+0
MBA	Pharmaceutical Management	core	Business Analytics	4	4+0+0

MBA	Pharmaceutical Management	core	Drug Regulatory Affairs & Intellectual Property Rights	4	4+0+0
MBA	Pharmaceutical Management	core	Manufacturing Management	2	2+0+0
MBA	Pharmaceutical Management	core	Financial Reporting & Analysis	2	2+0+0
MBA	Pharmaceutical Management	core	Pharmaceutical Advertising & Services Management	2	2+0+0
Msc	Cybersecurity & Digital forensics	core	Principles of Information Security	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Digital forensics	6	4+0+2
Msc	Cybersecurity & Digital forensics	core	Computer Networks	6	4+0+2
Msc	Cybersecurity & Digital forensics	core	Cyber Crime & Investigations	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Intellectual Property Rights	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Number theory & Cryptography	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Advanced Information Security	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Cyber Forensics	6	4+0+2
Msc	Cybersecurity & Digital forensics	core	System and Network Security	6	4+0+2
Msc	Cybersecurity & Digital forensics	core	Cyber Law	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Mobile Security Analysis	6	4+0+2
Msc	Cybersecurity & Digital forensics	core	IT Governance, Risk & Compliance	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Business Continuity Planning (BCP) & Disaster Recovery	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Penetration Testing & Vulnerability Assessment	6	4+0+2
Msc	Cybersecurity & Digital forensics	core	Digital Frauds	4	4+0+0
Msc	Cybersecurity & Digital forensics	core	Project/Dissertation	24	

M.Sc	Forensic Science	Core	Introduction to Forensics, Psychology Law and Statistics	6	4+2+0
M.Sc	Forensic Science	Core	Instrumental techniques	6	4+2+0
M.Sc	Forensic Science	Core	Crime Scene Management and Forensic Physics	6	4+2+0
M.Sc	Forensic Science	Core	Fingerprints and Questioned Documents	6	4+2+0
M.Sc	Forensic Science	Core	Buisness Communication	2	0+2+0
M.Sc	Forensic Science	Core	Quality Management, Narcotic Drugs, Explosives, and	6	4+2+0
M.Sc	Forensic Science	Core	Forensic Biology and Forensic Medicine	6	4+2+0
M.Sc	Forensic Science	Core	Forensic Serology and DNA Profiling	6	4+2+0
M.Sc	Forensic Science	Core	Forensic Toxicology and Pharmacology	6	4+2+0
M.Sc	Forensic Science	Core	Forensic Ballistics and Computer Forensics	6	4+2+0
M.Sc	Forensic Science	Core	Molecular Biology and Genetics	6	4+2+0
M.Sc	Forensic Science	Core	Biotechnology in Pharmaceutical Sciences	6	4+2+0
M.Sc	Forensic Science	Core	Environmental Biotechnology	6	4+2+0
M.Sc	Forensic Science	Core	Pharmacology and Pharmaceutical Drug Analysis	6	4+2+0
M.Sc	Forensic Science	Core	Concepts of Toxicology	6	4+2+0
M.Sc	Forensic Science	Core	Modern and Applied Analytical Forensic Chemistry	6	4+2+0
M.Sc	Forensic Science	Core	Advances in Physical Techniques	6	4+2+1
M.Sc	Forensic Science	Core	Concepts of Conventional and Modern Ballistics	6	4+2+2
M.Sc	Forensic Science	Core	Audio Recognition and Video Analysis	6	4+2+3
M.Sc	Forensic Science	Core	Modern Trends in Fingerprint Sciences	6	4+2+4
M.Sc	Forensic Science	Core	Questioned Document and Forensic Accounting	6	4+2+5
M.Sc	Forensic Science	Core	Forensic Photography and Biometric Traits	6	4+2+6
M.Sc	Forensic Science	Core	Assignment	6	0+6+0
M.Sc	Forensic Science	Core	Seminar	6	0+6+0
M.Sc	Forensic Science	Core	Project	12	

B.Sc	Forensic Science	Core	Basics of Forensic Science	6	4+2+0
B.Sc	Forensic Science	Core	Crime and Society	6	4+2+0
B.Sc	Forensic Science	Core	Criminal Law	6	4+2+0
B.Sc	Forensic Science	Core	Forensic Psychology	6	4+2+0
B.Sc	Forensic Science	Core	Forensic Dermatoglyphics	6	4+2+0
B.Sc	Forensic Science	Core	Technological Methods in Forensic Science	6	4+2+0
B.Sc	Forensic Science	Core	Criminalistics	6	4+2+0
B.Sc	Forensic Science	Core	Forensic Chemistry	6	4+2+0
B.Sc	Forensic Science	Core	Questioned Documents	6	4+2+0
B.Sc	Forensic Science	Core	Forensic Biology	6	4+2+0
B.Sc	Forensic Science	Core	Forensics Ballistics	6	4+2+0
B.Sc	Forensic Science	Core	Forensic Toxicology	6	4+2+0
B.Sc	Forensic Science	Core	Forensic Anthropology	6	4+2+0

B.Sc	Forensic Science	Core	Forensic Medicine	6	4+2+0
B.Sc	Forensic Science	Ability	English	4	4+0+0
B.Sc	Forensic Science	Ability	Environmental Science	4	4+0+1
B.Sc	Forensic Science	Discipline Specific	Digital Forensics	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	Economic Offences	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	Forensic Serology	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	Accident Investigations	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	DNA Forensics	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	Audio Recognition and Video Analysis	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	Explosive Analysis and Post Blast Investigation	6	4+2+0
B.Sc	Forensic Science	Discipline Specific	Quality control and Quality Assurance	6	4+2+0
B.Sc	Forensic Science	Generic Elective	Chemistry	6	4+2+0
B.Sc	Forensic Science	Generic Elective	Physics	6	4+2+0
B.Sc	Forensic Science	Generic Elective	Zoology	6	4+2+0
B.Sc	Forensic Science	Generic Elective	Botany	6	4+2+0
B.Sc	Forensic Science	Ability	Introduction to Biometry	2	0+2+0
B.Sc	Forensic Science	Ability	Handwriting Identification and Recognition	2	0+2+0