

FACULTY OF ENGINEERING & SPECIALIZATION OF ENGINEERING

Diploma in Mechanical Engineering : I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DME 101	English -I
02	DME 102	Engineering Mathematics - I
03	DME 103	Engineering Physics
04	DME 104	Engineering Chemistry and Environmental Studies
05	DME 105	Workshop Technology
06	DME 106	Workshop Practice - I

Diploma in Mechanical Engineering : II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DME 201	English -II
02	DME 202	Engineering Mathematics - II
03	DME 203	Engineering Drawing
04	DME 204	Physics Laboratory
05	DME 205	Chemistry Laboratory
06	DME 206	Information Technology lab
07	DME207	Workshop Practice - II

Diploma in Mechanical Engineering : III Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DME 301	English -III
02	DME 302	Engineering Mathematics - III
03	DME 303	Engineering Mechanics
04	DME 304	Electrical Engg & Basic Electronics
05	DME 305	Thermal Engineering-I
06	DME 306	Manufacturing Technology -I
07	DME 307	Machine Drawing
08	DME 308	Mechanical Engg. Lab
09	DME 309	Electrical Engg Lab
10	DME 310	CAD Lab- I
11	DME 311	Workshop Practice - III

Diploma in Mechanical Engineering : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DME 401	English -IV
02	DME 402	Manufacturing Technology-II
03	DME 403	Strength of Materials
04	DME 404	Engineering Materials
05	DME 405	Thermal Engineering-II
06	DME 406	Hydraulics & Fluid Power systems
07	DME 407	Production Drawing
08	DME 408	Workshop Practice-IV

Diploma in Mechanical Engineering : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DME 501	English -V
02	DME 502	Manufacturing Technology-III
03	DME 503	Electrical Engg Lab
04	DME 504	CAD Lab- II
05	DME 505	Thermal Engineering-III
06	DME 506	Industrial Training (Practical training)
07	DME 507	Industrial Management and Entrepreneurship
08	DME 508	Workshop Practice-V
09	DME 509	Industrial Training (Practical training)
10	DME 510	Industrial Engineering & Estimating and costing

Diploma in Mechanical Engineering : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DME 601	English -VI
02	DME 602	CAD/CAM
03	DME 603	Design of Machine Elements
04	DME 604	Refrigeration & Air Conditioning
05	DME 605	Automobile Engineering
06	DME 606	Energy sources & Power plant Engineering
07	DME 607	CAD Lab – II & CAD Lab
08	DME 608	Thermal Engineering Lab
09	DME 609	R&A/C Laboratory
10	DME 610	Workshop Practice-VI
11	DME 611	Servicing and Maintenance lab
12	DME 612	Project work

Diploma in Electrical Engineering : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DEE 101	English & Communication Skills – I
02	DEE 102	General Workshop Practice–I
03	DEE 103	Applied Chemistry–I
04	DEE 104	Applied Physics–I
05	DEE 105	English & Communication Skills – I
06	DEE 106	Engineering Drawing–I
07	DEE 107	Applied Mathematics–I
08	DEE 108	Applied Physics–I
09	DEE 109	Applied Chemistry–I

Diploma in Electrical Engineering : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DEE 201	Applied Chemistry–II
02	DEE 202	Basics Of Information Technology
03	DEE 203	General Workshop Practice–II
04	DEE 204	English & Communication Skills–II
05	DEE 205	Applied Physics–II
06	DEE 206	English & Communication Skills–II
07	DEE 207	Applied Mathematics–II
08	DEE 208	Engineering Drawing–II
09	DEE 209	Applied Physics–II
10	DEE 210	Applied Chemistry–II

Diploma in Electrical Engineering : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DEE 301	Electrical Engineering Design And Drawing
02	DEE 302	Electrical And Electronics Engineering Materials
03	DEE 303	Computer Programming And Applications
04	DEE 304	Electrical Workshop Practice–I
05	DEE 305	Electrical Engineering Design And Drawing
06	DEE 306	Fundamentals Of Electrical Engineering
07	DEE 307	P-Electronics–I
08	DEE 308	T-Electronics–I
09	DEE 309	Computer Programming And Applications
10	DEE 310	Fundamentals Of Electrical Engineering

Diploma in Electrical Engineering : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DEE 401	Electrical Machines-I
02	DEE 402	Electrical Measuring Instruments & Instrumentation
03	DEE 403	P-Electronics-II
04	DEE 404	P.C. Maintenance And Repair
05	DEE 405	Electrical Measuring Instruments & Instrumentation
06	DEE 406	T-Electronics-II
07	DEE 407	Estimating And Costing In Electrical Engineering
08	DEE 408	Generic Skills & Entrepreneurship Development
09	DEE 409	Electrical Workshop Practice-II
10	DEE 410	Electrical Machines-I

Diploma in Electrical Engineering : V Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DEE 501	Industrial Training
02	DEE 502	Electrical Machine-II
03	DEE 503	P-Digital Electronics And Microprocessors
04	DEE 504	T-Digital Electronics And Microprocessors
05	DEE 505	Industrial Electronics And Control Of Drives
06	DEE 506	Non-Conventional Energy Sources
07	DEE 507	Electrical Power-I
08	DEE 508	Installation And Maintenance Of Electrical Equipment
09	DEE 509	Electrical Machine-II
10	DEE 510	Minor Project
11	DEE 511	Industrial Electronics And Control Of Drives

Diploma in Electrical Engineering : VI Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DEE 601	Modern Electric Traction
02	DEE 602	Programmable Logic Controller And Microcontrollers
03	DEE 603	P-Electrical Power-II
04	DEE 604	T- Electrical Power-II
05	DEE 605	Basics Of Management
06	DEE 606	Programmable Logic Controller And Microcontrollers
07	DEE 607	Major Project Work
08	DEE 608	Utilization Of Electrical Energy(Use)

Diploma in Electronics & Comm. Engineering : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DECE 101	Applied Chemistry-I
02	DECE 102	English & Communication Skills – I
03	DECE 103	General Workshop Practice-I
04	DECE 104	Applied Chemistry-I
05	DECE 105	T-Applied Physics-I
06	DECE 106	Applied Mathematics-I
07	DECE 107	Engineering Drawing-I
08	DECE 108	English & Communication Skills – I
09	DECE 109	P-Applied Physics-I
10	DECE 110	Basics Of Information Technology

Diploma in Electronics & Comm. Engineering : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DECE 201	Computer Programming And Application
02	DECE 202	Electronic Devices And Circuits
03	DECE 203	Computer Programming And Application
04	DECE 204	Digital Electronics
05	DECE 205	Electrical Machines
06	DECE 206	Electronic Devices And Circuits
07	DECE 207	Principles Of Communication Engineering
08	DECE 208	Electronic Instruments And Measurement
09	DECE 209	Electrical Machines
10	DECE 210	Electronic Instruments And Measurement

Diploma in Electronics & Comm. Engineering : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DECE 301	Generic Skills & Entrepreneurship Development
02	DECE 302	Communication System
03	DECE 303	Power Electronics
04	DECE 304	Electronics Design And Fabrication Technique
05	DECE 305	Microprocessor
06	DECE 306	Network Filters And Transmission Lines
07	DECE 307	Communication System-I
08	DECE 308	+Instrumentation And Plus
09	DECE 309	+Pc Organization (Pco)
10	DECE 310	Micro Controllers And Embedded System
11	DECE 311	+Trouble Shooting Of Electronic Equipment

Diploma in Electronics & Comm. Engineering : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DECE 401	Medical Electronics
02	DECE 402	Wireless And Mobile Communication
03	DECE 403	Basics Of Management
04	DECE 404	Computer Networks
05	DECE 405	Microwave And Radar Engineering
06	DECE 406	Basics Of Information Technology
07	DECE 407	Computer Programming And Application
08	DECE 408	Electronic Instruments And Measurement
09	DECE 409	Principles Of Communication Engineering
10	DECE 410	Major Project
11	DECE 411	Medical Electronics

Diploma in Electronics & Comm. Engineering : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DECE 501	Wireless And Mobile Communication
02	DECE 502	Principles Of Communication Engineering
03	DECE 503	Basics Of Management
04	DECE 504	Computer Networks
05	DECE 505	Optical Fibre Communication
06	DECE 506	Microwave And Radar Engineering
07	DECE 507	Major Project

Diploma in Electronics & Comm. Engineering : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DECE 601	Wireless And Mobile Communication
02	DECE 602	Vlsi System Design
03	DECE 603	Microwave And Radar Engineering
04	DECE 604	Basics Of Management
05	DECE 605	Computer Networks
06	DECE 606	Electronic Devices And Circuits
07	DECE 607	Wireless And Mobile Communication
08	DECE 608	Vlsi System Design
09	DECE 609	Major Project
10	DECE 610	Electrical Machines

Diploma in Civil Engineering: I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCE 101	English And Communication Skills –I
02	DCE 102	Applied Mathematics – I
03	DCE 103	Applied Physics – I
04	DCE 104	Applied Chemistry – I
05	DCE 105	Engineering Drawing – I
06	DCE 106	Building Construction
07	DCE 107	Building Drawing
08	DCE 108	Surveying–I
09	DCE 109	General Workshop Practice – I
10	DCE 110	Sca

Diploma in Civil Engineering: II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCE 201	English And Communication Skill – li
02	DCE 202	Applied Mathematics – li
03	DCE 203	Applied Physics – li
04	DCE 204	Applied Chemistry – li
05	DCE 205	Engineering Drawing – li
06	DCE 206	Surveying–I
07	DCE 207	Construction Material
08	DCE 208	Fluid Mechanics
09	DCE 209	Basics Of Information Technology
10	DCE 210	General Workshop Practice – li

Diploma in Civil Engineering: III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCE 301	Fluid Mechanics
02	DCE 302	Surveying – I
03	DCE 303	Construction Material
04	DCE 304	Building Construction
05	DCE 305	Fluid Mechanics
06	DCE 306	Surveying – I
07	DCE 307	Sca And Environmental Studies
08	DCE 308	Concrete Technology
09	DCE 309	Irrigation Engineering
10	DCE 310	Structural Mechanics
11	DEC 311	Applied Mechanics

Diploma in Civil Engineering: IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCE 401	Concrete Technology
02	DCE 402	Water Supply & Waste Water Engg.
03	DCE 403	Soil And Foundation Engineering
04	DCE 404	Concrete Technology
05	DCE 405	Water Supply & Waste Water Engg.
06	DCE 406	Soil And Foundation Engineering
07	DCE 407	Surveying – II
08	DCE 408	Strength Of Materials
09	DCE 409	Public Health Engineering Drawing
10	DCE 410	Water Supply And Waste Water Engineering
11	DCE 411	Public Health & Irrigation Engg. Drawing
11	DCE 412	P- Sca

Diploma in Civil Engineering: V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCE 501	RCC Design And Drawing
02	DCE 502	Railway, Bridges And Tunnels
03	DCE 503	Highway Engineering
04	DCE 504	Construction Mgt And Accounts
05	DCE 505	Highway Engineering
06	DCE 506	Survey Camp
07	DCE 507	Computer Applications In Civil Engg – I
08	DCE 508	Irrigation Engineering And Drawing
09	DCE 509	Minor Project Work
10	DCE 510	SCA

Diploma in Civil Engineering: VI Semester Full
Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCE 601	Steel Structure Design And Drawing
02	DCE 602	Earthquake Resistant Building Const.
03	DCE 603	Quantity Surveying & Valuation
04	DCE 604	Repair & Maintenance Of Buildings
05	DCE 605	Comp. Application In Civil Engg. – II
06	DCE 606	SCA
07	DCE 607	Entrepreneurship Dev. & Mgmt.
08	DCE 608	Major Project Work
09	DCE 609	Industrial Training

Diploma in Computer Science: I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCS 101	Basics Of Information Technology
02	DCS 102	Applied Physics-I
03	DCS 103	Workshop Practice-I
04	DCS 104	English & Communication Skills – I
05	DCS 105	Applied Chemistry-I
06	DCS 106	Basic Electronics
07	DCS 107	Basic Electrical Engineering
08	DCS 108	Applied Mathematics-I
09	DCS 109	Dtp Fundamentals
10	DCS 110	Engineering Drawing-I

Diploma in Computer Science: II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCS 201	Applied Physics-II
02	DCS 202	Multimedia And Applications
03	DCS 203	Computer Programming Using C
04	DCS 204	Rdbms
05	DCS 205	Applied Mathematics-II
06	DCS 206	English & Communication Skills-II
07	DCS 207	Workshop Practice-II
08	DCS 208	Computer Workshop
09	DCS 209	System Analysis And Design
10	DCS 210	Digital Electronics
11	DCS 211	Internet And Web Technologies

Diploma in Computer Science: III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCS 301	Generic Skills & Entrepreneurship Development
02	DCS 302	Computer Architecture
03	DCS 303	Object Oriented Programming Using C++
04	DCS 304	Data Structure Using C
05	DCS 305	Microprocessor
06	DCS 306	Visual Programming (Using Vb.Net)
07	DCS 307	Open Source Technologies
08	DCS 308	Minor Project
09	DCS 309	Computer Peripheral And Interfacing
10	DCS 310	Computer Networks

Diploma in Computer Science: IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCS 401	Major Project Work
02	DCS 402	Steel Structures Design
03	DCS 403	Earthquake Resistant Building Construction
04	DCS 404	Repair Of Maintenance Of Buildings
05	DCS 405	Industrial Training
06	DCS 406	Operating System(Os)
07	DCS 407	Structural Drawing
08	DCS 408	Construction Management & Accounts
09	DCS 409	Quantity Surveying & Valuation
10	DCS 410	Environmental Engineering

Diploma in Computer Science: V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCS 501	Major Project Work
02	DCS 502	Structural Drawing
03	DCS 503	Pre-Stressed Concrete
04	DCS 504	Quantity Surveying & Valuation
05	DCS 505	Earthquake Resistant Building Construction
06	DCS 506	Construction Management & Accounts
07	DCS 507	Steel Structures Design
08	DCS 508	Soil And Foundation Engineering
09	DCS 509	Building Construction
10	DCS 510	Generic Skills And Entrepreneurship Development

Diploma in Computer Science: VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCS 601	Computer Graphics
02	DCS 602	Net Technologies (Using Asp. Net)
03	DCS 603	Installation, Maint.& Troubleshooting Of Comp. Network
04	DCS 604	Basics Of Management
05	DCS 605	Major Project Work
06	DCS 606	Net Technologies (Using Asp. Net)
07	DCS 607	Installation, Maint.& Troubleshooting Of Comp. Network
08	DCS 608	Network Security
09	DCS 609	Quantity Surveying & Valuation
10	DCS 610	Construction Management & Accounts
11	DCS 611	Multimedia System Design

Diploma in Information Technology: I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DIT 101	Applied Mathematics–I
02	DIT 102	English & Communication Skills – I
03	DIT 103	Engineering Drawing–I
04	DIT 104	Workshop Practice–I
05	DIT 105	Applied Chemistry–I
06	DIT 106	Applied Physics–I
07	DIT 107	Basics Of Information Technology
08	DIT 108	English & Communication Skills – I

Diploma in Information Technology: II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DIT 201	English & Communication Skills–Ii
02	DIT 202	Applied Physics–Ii
03	DIT 203	Basic Electronics
04	DIT 204	Workshop Practice–Ii
05	DIT 205	Applied Mathematics–Ii
06	DIT 206	Dtp Fundamentals
07	DIT 207	Basic Electrical Engineering

Diploma in Information Technology: III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DIT 301	Digital Electronics
02	DIT 302	Multimedia And Applications
03	DIT 303	System Analysis And Design
04	DIT 304	Rdbms
05	DIT 305	Computer Programming Using C
06	DIT 306	Computer Workshop
07	DIT 307	Sca And Environmental Studies

Diploma in Information Technology: IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DIT 401	Data Structure Using C
02	DIT 402	Generic Skills & Entrepreneurship Development
03	DIT 403	Microprocessor
04	DIT 404	Computer Architecture
05	DIT 405	Internet And Web Technologies
06	DIT 406	Object Oriented Programming Using C++
07	DIT 407	Java Programming
08	DIT 408	Operating System(Os)
09	DIT 409	Computer Networks

Diploma in Information Technology: V Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DIT 501	Open Source Technologies
02	DIT 502	Industrial Training
03	DIT 503	Open Source Technologies II
04	DIT 504	Operating System(Os)
05	DIT 505	Visual Programming (Using Vb.Net)
06	DIT 506	Minor Project
07	DIT 507	Java Programming II
08	DIT 508	Visual Programming (Using Vb.Net)
09	DIT 509	Industrial Training
10	DIT 510	Mobile Computing

Diploma in Information Technology: VI Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DIT 601	English – IV
02	DIT 602	Industrial Management and Entrepreneurship
03	DIT 603	Software Engineering
04	DIT 604	Java Programming
05	DIT 605	.Net Programming
06	DIT 606	Software Engineering Lab
07	DIT 607	Java Programming Lab
08	DIT 608	.NET Programming Lab
09	DIT 609	Computer graphics
10	DIT 610	E-Commerce

Diploma in Petro Chemical Engg. : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DPCE 101	Petroleum Refining
02	DPCE 102	Mechanical Engineering
03	DPCE 103	Electrical and Electronics Engineering
04	DPCE 104	Mechanical Engineering Practica
05	DPCE 105	Electrical and Electronics Engineering Practical
06	DPCE 106	Distillate Testing Practical – I
07	DPCE 107	Computer Applications Practical
08	DPCE 108	Mechanical Operations
09	DPCE 109	Momentum Transfer
10	DPCE 110	Basics Of Petrochemicals

Diploma in Petro Chemical Engg. : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPCE 201	Engineering Drawing
02	DPCE 202	Mechanical Operations Practical
03	DPCE 203	Momentum Transfer Practical
04	DPCE 204	Technical Analysis Practical
05	DPCE 205	Heat Transfer
06	DPCE 206	Chemical Process Calculation
07	DPCE 207	Process Instrumentation And Control
08	DPCE 208	Petrochemical Technology
09	DPCE 209	Natural Gas Engineering
10	DPCE 210	Chemical Process Measurement And Control Practical

Diploma in Petro Chemical Engg. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPCE 301	Heat Transfer Practical
02	DPCE 302	Life And Employability Skill Practical
03	DPCE 303	Refinery Mass Transfer
04	DPCE 304	Processing of Chemicals
05	DPCE 305	Energy resources and safety management
06	DPCE 306	Environmental engineering
07	DPCE 307	Mass Transfer Practical
08	DPCE 308	Distillate Testing Practical - II
09	DPCE 309	Chemical CAD and process Simulation Practical
10	DPCE 310	Project work

Diploma in Petro Chemical Engg. : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPCE 401	Petroleum Refining
02	DPCE 402	Mechanical Engineering
03	DPCE 403	Electrical And Electronics Engineering
04	DPCE 404	Mechanical Engineering Practical
05	DPCE 405	Electrical And Electronics Engineering Practical
06	DPCE 406	Distillate Testing Practical – I
07	DPCE 407	Computer Applications Practical#
08	DPCE 408	Mechanical Operations
09	DPCE 409	Momentum Transfer
10	DPCE 410	Basics Of Petrochemicals

Diploma in Petro Chemical Engg. : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPCE 501	Engineering Drawing
02	DPCE 502	Mechanical Operations Practical
03	DPCE 503	Momentum Transfer Practical
04	DPCE 504	Technical Analysis Practical
05	DPCE 505	Heat Transfer
06	DPCE 506	Chemical Process Calculations
07	DPCE 507	Process Instrumentation And Control
08	DPCE 508	Petrochemical Technology
09	DPCE 509	Natural Gas Engineering
10	DPCE 510	Chemical Process Measurement And Control Practical

Diploma in Petro Chemical Engg. : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPCE 601	Heat Transfer Practical
02	DPCE 602	Life And Employability Skill Practical
03	DPCE 603	Refinery Mass Transfer
04	DPCE 604	Processing Of Chemicals
05	DPCE 605	Energy Resources And Safety Management
06	DPCE 606	Environmental Engineering
07	DPCE 607	Environmental Engineering
08	DPCE 608	Distillate Testing Practical- II
09	DPCE 609	Chemical CAD And Process Simulation Practical
10	DPCE 610	Project Work

Diploma in Aeronautical Engg. : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAE 101	Engineering Maths – I
02	DAE 102	Engineering Physics
03	DAE 103	Elements of Civil Engg. & Engineering Mechanics
04	DAE 104	Elements of Mechanical Engg
05	DAE 105	Basic Electrical Engg.
06	DAE 106	Workshop Practice
07	DAE 107	Engg. Physics Lab
08	DAE 108	Constitution of India & Professional Ethics
09	DAE 109	Language (Kan.)

Diploma in Aeronautical Engg. : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAE 201	Engineering Maths – II
02	DAE 202	Engineering Chemistry
03	DAE 203	Computer Concepts & C Programming
04	DAE 204	Computer Aided Engineering Drawing
05	DAE 205	Basic Electronics
06	DAE 206	Computer Programming Lab
07	DAE 207	Engg. Chemistry Lab
08	DAE 208	Environmental Studies
09	DAE 209	Language (Eng.)

Diploma in Aeronautical Engg. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAE 301	Engineering Mathematics-III
02	DAE 302	Material Science and Metallurgy
03	DAE 303	Basic Thermodynamics
04	DAE 304	Mechanics of Materials
05	DAE 305	Manufacturing Processes
06	DAE 306	Computer Aided Machine Drawing / Fluid Mechanics
07	DAE 307	Metallography & Material Testing Lab
08	DAE 308	Foundry & Forging Laboratory/ Machine shop
09	DAE 309	Mechanical Measurement and Metrology Lab
10	DAE 310	Mechanical Measurement and Metrology

Diploma in Aeronautical Engg. : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAE 401	Engg. Maths – IV
02	DAE 402	Material Science & Metallurgy
03	DAE 403	Mechanical Measurements & Metrology
04	DAE 404	Applied Thermodynamics
05	DAE 405	Kinematics of Machines
06	DAE 406	Elements of Aeronautics
07	DAE 407	Computer Aided Machine drawing/ Fluid Mechanics
08	DAE 408	Metallographic & Material Testing Lab
09	DAE 409	Mechanical Measurements & Metrology laboratory
10	DAE 410	Foundry & Forging lab / Machine Shop

Diploma in Aeronautical Engg. : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAE 501	Management and Entrepreneurship
02	DAE 502	Introduction to Composite Materials
03	DAE 503	Dynamics of Machines
04	DAE 504	Aerodynamics
05	DAE 505	Aircraft Propulsion
06	DAE 506	Aircraft Structures
07	DAE 507	Aerodynamics Lab.
08	DAE 508	Energy Conversion Lab
09	DAE 509	Reliability Engineering
10	DAE 510	Industrial Management

Diploma in Aeronautical Engg. : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAE 601	Applied Gas Dynamics
02	DAE 602	Aircraft Performance
03	DAE 603	Aerodynamics – II
04	DAE 604	Theory of Vibrations
05	DAE 605	Structures Lab.
06	DAE 606	Propulsion Laboratory
07	DAE 607	Control Engineering
08	DAE 608	Gas Turbine / Technology
09	DAE 609	Design, Modelling and Analysis Laboratory
10	DAE 610	Simulation Laboratory

Diploma in Aviation Maintenance Engg. I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAME 101	Engineering Maths – I
02	DAME 102	Engineering Physics
03	DAME 103	Elements of Civil Engg. & Engineering Mechanics
04	DAME 104	Elements of Mechanical Engg.
05	DAME 105	Basic Electrical Engg.
06	DAME 106	Workshop Practice
07	DAME 107	Engg. Physics Lab
08	DAME 108	Constitution of India & Professional Ethics
09	DAME 109	Language (Kan.)
10	DAME 110	Design, Modeling and Analysis Laboratory

Diploma in Aviation Maintenance Engg. II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAME 201	Engineering Maths – II
02	DAME 202	Engineering Chemistry
03	DAME 203	Computer Concepts & C Programming
04	DAME 204	Computer Aided Engineering Drawing
05	DAME 205	Basic Electronics
06	DAME 206	Computer Programming Lab
07	DAME 207	Engg. Chemistry Lab
08	DAME 208	Environmental Studies
09	DAME 219	Language (Eng.)
10	DAME 210	Simulation Laboratory

Diploma in Aviation Maintenance Engg. III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAME 301	Engineering Mathematics-III
02	DAME 302	Material Science and Metallurgy
03	DAME 303	Mechanical Measurement and Metrology
04	DAME 304	Basic Thermodynamics
05	DAME 305	Mechanics of Materials
06	DAME 306	Manufacturing Processes
07	DAME 307	Computer Aided Machine Drawing / Fluid Mechanics
08	DAME 308	Metallography & Material Testing Lab
09	DAME 309	Mechanical Measurement and Metrology Lab
10	DAME 310	Foundry & Forging Laboratory/ Machine shop

Diploma in Aviation Maintenance Engg. IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAME 401	Engg. Maths – IV
02	DAME 402	Material Science & Metallurgy
03	DAME 403	Mechanical Measurements & Metrology
04	DAME 404	Applied Thermodynamics
05	DAME 405	Kinematics of Machines
06	DAME 406	Elements of Aeronautics
07	DAME 407	Computer Aided Machine drawing/ Fluid Mechanics
08	DAME 408	Metallography & Material Testing Lab
09	DAME 409	Mechanical Measurements & Metrology laboratory
10	DAME 410	Foundry & Forging lab / Machine Shop

Diploma in Aviation Maintenance Engg. V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAME 501	Management and Entrepreneurship
02	DAME 502	Introduction to Composite Materials
03	DAME 503	Dynamics of Machines
04	DAME 504	Aerodynamics
05	DAME 505	Aircraft Propulsion
06	DAME 506	Aircraft Structures
07	DAME 507	Aerodynamics Lab
08	DAME 508	Energy Conversion Lab
09	DAME 509	Industrial Management
10	DAME 510	Control Engineering

Diploma in Aviation Maintenance Engg. VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAME 601	Applied Gas Dynamics
02	DAME 602	Aircraft Performance
03	DAME 603	Aerodynamics – II
04	DAME 604	Finite Element Analysis
05	DAME 605	Theory of Vibrations
06	DAME 606	Structures Lab
07	DAME 607	Propulsion Laboratory
08	DAME 608	Optimisation Techniques
09	DAME 609	Computational Fluid Dynamics
10	DAME 610	Statistical Quality Control

B.Tech in Mechanical Engineering : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 101	Fluid Mechanics
02	BTME 102	Thermodynamics
03	BTME 103	Mathematics
04	BTME 104	Mechanics of Deformable Bodies
05	BTME 105	Computer Graphics & Solid Modelling
06	BTME 106	Electrical Machines
07	BTME 107	Graphics Laboratory - I
08	BTME 108	Manufacturing Process Laboratory
09	BTME 109	Electrical Machines Laboratory

B.Tech in Mechanical Engineering : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 201	Fluid Machinery
02	BTME 202	Engineering Thermodynamics
03	BTME 203	Measurements and Instrumentation
04	BTME 204	Analysis and Synthesis of Linkages and Machines
05	BTME 205	Materials Science and Technology
06	BTME 206	Manufacturing Technology
07	BTME 207	Fluid Mechanics and Fluid Machinery Laboratory
08	BTME 208	Measurements and Instrumentation Laboratory
09	BTME 209	Manufacturing Technology Laboratory / Graphics Laboratory - II
10	BTME 210	Technical Report Writing & / Language Practice Laboratory

B.Tech in Mechanical Engineering : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 301	I.C. Engine and Steam Turbine
02	BTME 302	Heat Transfer
03	BTME 303	Design of Machine Elements
04	BTME 304	Technology of Machining
05	BTME 305	Environmental Management
06	BTME 306	Thermal Engineering Laboratory - I
07	BTME 307	Design Practice - I
08	BTME 308	Manufacturing Technology Laboratory
09	BTME 309	Strength of Materials Laboratory
10	BTME 310	Vocational Training

B.Tech in Mechanical Engineering : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 401	Automation, CNC Machines and Robotics
02	BTME 402	Mechatronics and Modern Control
03	BTME 403	Energy Conversion and Management
04	BTME 404	Design of Mechanical Systems
05	BTME 405	Dynamics of Machines
06	BTME 406	Mechatronics and Modern Control Laboratory
07	BTME 407	Design Practice – II
08	BTME 408	Dynamics of Machines Laboratory
09	BTME 409	Thermal Engineering Laboratory - II
10	BTME 410	Seminar

B.Tech in Mechanical Engineering : V Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 501	Advanced Manufacturing Technology
02	BTME 502	Advances in Materials Processing
03	BTME 503	Operations Research and Industrial Management
04	BTME 504	Ethics in Engineering Profession
05	BTME 505	Engineering Economy & Financial Management
06	BTME 506	CAD – CAM Laboratory
07	BTME 507	Project
08	BTME 508	Vacational Training
09	BTME 509	H. Seminar on assigned Topic

B.Tech in Mechanical Engineering : VI Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 601	Industrial Engineering Elective – I / II / III
02	BTME 602	Industrial Engineering Laboratory
03	BTME 603	Project / Thesis with defence of project
04	BTME 604	Participation in Institutional Activities
05	BTME 605	Comprehensive Viva-Voce
06	BTME 606	Computational Heat Transfer
07	BTME 607	Combustion Engineering
08	BTME 608	Reliability Engineering & Plant Maintenance
09	BTME 609	Tribology and Terotechnology
10	BTME 610	Finite Element Method and its Application

B.Tech in Mechanical Engineering : VII Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 701	Experimental Stress Analysis
02	BTME 702	Automotive Engineering
03	BTME 703	Robotics and Robot Applications
04	BTME 704	Management Information Systems
05	BTME 705	Energy Management & Auditing
06	BTME 706	Refrigeration and Airconditioning
07	BTME 707	Optoelectronics and Laser Material Processing
08	BTME 708	Gas Turbine Theory
09	BTME 709	Computer Integrated Manufacturing
10	BTME 710	Information Technology

B.Tech in Mechanical Engineering : VIII Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTME 801	Total Quality Management
02	BTME 802	Mechanics of Composite Materials
03	BTME 803	Fracture Mechanics
04	BTME 804	Advanced Sensors for Engineering Applications & NDT
05	BTME 805	Entrepreneurship and E-business
06	BTME 806	Computer Networking and Web Based Technology
07	BTME 807	Engineering fluid mechanics,Garde,SCITECH

B.Tech in Electrical & Electronics Engg. : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 101	Circuit Theory & Networks
02	BTEEE 102	Electrical & Electronic Measurement
03	BTEEE 103	Data Structure & Algorithms
04	BTEEE 104	Materials Science
05	BTEEE 105	Mathematics
06	BTEEE 106	Numerical Methods & Programming
07	BTEEE 107	Circuits & Network Lab
08	BTEEE 108	Electrical & Electronic Measurement Lab
09	BTEEE 109	Data Structure Lab
10	BTEEE 110	Numerical Methods & Programming Lab

B.Tech in Electrical & Electronics Engg. : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 201	Analog Electronic Circuits
02	BTEEE 202	Digital Electronics & Integrated Circuits
03	BTEEE 203	Digital Electronics & Integrated Circuits
04	BTEEE 204	Computer Organization & Architecture
05	BTEEE 205	Transducer & Sensor
06	BTEEE 206	Analog Electronic Circuits Lab.
07	BTEEE 207	Digital Electronics & Integrated Circuits Lab.
08	BTEEE 208	Electronic Measurements & Instrumentation Lab
09	BTEEE 209	Transducer & Sensors Lab
10	BTEEE 210	Technical Report writing & / Language Practice Lab

B.Tech in Electrical & Electronics Engg. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 301	Power System - II
02	BTEEE 302	Multimedia Systems
03	BTEEE 303	Electrical Machine Design
04	BTEEE 304	Digital Signal Processing
05	BTEEE 305	Power System – II Lab
06	BTEEE 306	Electrical Machine Design Lab
07	BTEEE 307	Multimedia Lab
08	BTEEE 308	Assigned Project
09	BTEEE 309	Seminar on Assigned / Selected Topics
10	BTEEE 310	Illumination Technology

B.Tech in Electrical & Electronics Engg. : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 401	Values and Ethics in Profession
02	BTEEE 402	Industrial Management
03	BTEEE 403	Financial Management & Accounts
04	BTEEE 404	Personality Development
05	BTEEE 405	Comprehensive Viva-Voce
06	BTEEE 406	Assigned Project
07	BTEEE 407	Optimization Technique
08	BTEEE 408	Energy Audit & Conservation
09	BTEEE 409	Computer Communication

B.Tech in Electrical & Electronics Engg. : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 501	Advanced Control Systems
02	BTEEE 502	Flexible A.C. Transmission Systems
03	BTEEE 503	Optimization Techniques
04	BTEEE 504	Application of Power Electronics to Power Systems
05	BTEEE 505	Object Oriented Software Engineering
06	BTEEE 506	Advanced Computer Networks
07	BTEEE 507	High Voltage Engineering
08	BTEEE 508	Power Quality Management
09	BTEEE 509	Special Purpose Machines
10	BTEEE 510	Power Plant Instrumentation

B.Tech in Electrical & Electronics Engg. : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 601	Applied Mathematics – I
02	BTEEE 602	Applied Physics – I
03	BTEEE 603	Applied Chemistry – I
04	BTEEE 604	Manufacturing Process
05	BTEEE 605	Introduction to Computers and Auto CAD
06	BTEEE 606	Communication Skills – I
07	BTEEE 607	Impact of Science & Technology on Society
08	BTEEE 608	Applied Physics Lab. – I
09	BTEEE 609	Applied Chemistry Lab. – I
10	BTEEE 610	Introduction to Auto CAD Office Automation and Web Design

B.Tech in Electrical & Electronics Engg. : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 701	Applied Mathematics – II
02	BTEEE 702	Applied Physics – II
03	BTEEE 703	Applied Chemistry – II
04	BTEEE 704	Introduction to Programming
05	BTEEE 705	Engineering Mechanics
06	BTEEE 706	Engineering Mechanics
07	BTEEE 707	Communication Skills – II
08	BTEEE 708	C Programming Lab.
09	BTEEE 709	Engineering Mechanics Lab.
10	BTEEE 710	Electrical Science Lab.

B.Tech in Electrical & Electronics Engg. : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTEEE 801	Applied Mathematics – III
02	BTEEE 802	Analogue Electronics-I
03	BTEEE 803	Circuits & Systems
04	BTEEE 804	Electrical Engineering Materials
05	BTEEE 805	Electro Mechanical Energy Conversion – I
06	BTEEE 806	Data Structures
07	BTEEE 807	Electro Mechanical Energy Conversion Lab
08	BTEEE 808	Circuits & Systems lab
09	BTEEE 809	Analogue Electronics – I Lab.
10	BTEEE 810	Data Structures Lab.

B.Tech in Electronics & Comm. Engg. : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 101	Electro - Mechanical Energy Conversion – II
02	BTECE 102	Analogue Electronics – II
03	BTECE 103	Power System – I
04	BTECE 104	Control Engineering – I
05	BTECE 105	Electromagnetic Field Theory
06	BTECE 106	Power Station Practice
07	BTECE 107	Electro Mechanical Energy Conversion Lab
08	BTECE 108	Analogue Electronics Lab
09	BTECE 109	Power System –I Lab
10	BTECE 110	Control Engineering Lab

B.Tech in Electronics & Comm. Engg. : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 201	Digital Electronics
02	BTECE 202	Object Oriented Programming using C++
03	BTECE 203	Communication Systems & Circuits
04	BTECE 204	Electrical Measurement & Instrumentation
05	BTECE 205	Database Management Systems
06	BTECE 206	Organizational Behavior
07	BTECE 207	Digital Electronics Lab.
08	BTECE 208	Object Oriented Programming using C++ Lab
09	BTECE 209	Communication Systems & Circuits Lab.
10	BTECE 210	Electrical Measurement & Instrumentation Lab.

B.Tech in Electronics & Comm. Engg. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 301	Engineering Mathematics-I
02	BTECE 302	Basic Electronics Engineering / Computer System and Programming in C
03	BTECE 303	Engineering Chemistry / Professional Communication
04	BTECE 304	Basic Electrical Engineering / Engineering Mechanics
05	BTECE 305	Engineering Physics-I
06	BTECE 306	Basic Manufacturing Processes / Environment & Ecology
07	BTECE 307	Engineering Chemistry Lab / Professional Communication Lab
08	BTECE 308	Basic Electrical & Electronics Engineering Lab/Engineering Mechanics Lab
09	BTECE 309	Workshop Practice / Basic Engineering Drawing
10	BTECE 310	Engineering Physics Lab / Computer Programming Lab

B.Tech in Electronics & Comm. Engg. : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 401	Engineering Mathematics-II
02	BTECE 402	Basic Electronics Engineering / Computer System and Programming in C
03	BTECE 403	Engineering Chemistry / Professional Communication
04	BTECE 404	Basic Electrical Engineering / Engineering Mechanics
05	BTECE 405	Engineering Physics-II
06	BTECE 406	Basic Manufacturing Processes / Environment & Ecology
07	BTECE 407	Engineering Chemistry Lab / Professional Communication Lab
08	BTECE 408	Basic Electrical & Electronics Engineering Lab/ Engineering Mechanics Lab
09	BTECE 409	Workshop Practice / Basic Engineering Drawing
10	BTECE 410	Engineering Physics Lab / Computer Programming Lab

B.Tech in Electronics & Comm. Engg. : V Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 501	Mathematics III
02	BTECE 502	Electronic Materials and Component
03	BTECE 503	Digital Electronics
04	BTECE 504	Electronic Instrumentation and Measurements
05	BTECE 505	Signals and Systems
06	BTECE 506	Electronics Engineering Lab I
07	BTECE 507	Digital Electronics Lab I
08	BTECE 508	Measurement Lab
09	BTECE 509	MAT Lab

B.Tech in Electronics & Comm. Engg. : VI Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 601	Departmental Elective-I
02	BTECE 602	Semiconductor Devices and Circuits
03	BTECE 603	Computer Architecture & Organization
04	BTECE 604	Electromagnetic Field Theory
05	BTECE 605	Network Analysis
06	BTECE 606	Electronics Engineering lab II
07	BTECE 607	Network Lab
08	BTECE 608	Electronics Workshop & PCB LAB
09	BTECE 609	Digital Electronics Lab II

B.Tech in Electronics & Comm. Engg. : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 701	Departmental Elective-II
02	BTECE 702	Analog Integrated Circuits
03	BTECE 703	Communications System-I
04	BTECE 704	Microprocessors
05	BTECE 705	Control System
06	BTECE 706	Analog Integrated circuits Lab
07	BTECE 707	Control System Lab
08	BTECE 708	Communication Lab-I
09	BTECE 709	Microprocessors Lab
10	BTECE 710	Engineering Economics & Industrial Management

B.Tech in Electronics & Comm. Engg. : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTECE 801	Communication System-II
02	BTECE 802	Digital Signal Processing
03	BTECE 803	VHDL
04	BTECE 804	Departmental Elective-III
05	BTECE 805	Communication Lab-II
06	BTECE 806	CAD of Electronics Lab
07	BTECE 807	Digital Signal Processing Lab
08	BTECE 808	Data Communication Networks
09	BTECE 809	Wireless and mobile communication
10	BTECE 810	Departmental Elective-IV

B.Tech in Civil Engineering : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 101	Values & Ethics in Profession
02	BTCE 102	Physics - 2
03	BTCE 103	Basic Environmental Engineering & Elementary Biology
04	BTCE 104	Solid Mechanics
05	BTCE 105	Surveying
06	BTCE 106	Building Material & Construction
07	BTCE 107	Physics - 2
08	BTCE 108	Solid Mechanics
09	BTCE 109	Surveying Practice I
10	BTCE 110	Building Design & Drawing

B.Tech in Civil Engineering : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 201	Numerical Methods
02	BTCE 202	Mathematics - 3
03	BTCE 203	Fluid Mechanics
04	BTCE 204	Structural Analysis
05	BTCE 205	Soil Mechanics
06	BTCE 206	Technical Report Writing & Language Lab Practice Numerical Methods
07	BTCE 207	Fluid Mechanics
08	BTCE 208	Surveying Practice -II
09	BTCE 209	Soil Mechanics Lab - I

B.Tech in Civil Engineering : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 301	Economics for Engineers
02	BTCE 302	Foundation Engineering
03	BTCE 303	Design of RC Structures
04	BTCE 304	Concrete Technology
05	BTCE 305	Engineering Geology
06	BTCE 306	Soil Mechanics Lab – II
07	BTCE 307	Concrete Laboratory
08	BTCE 308	Quantity Surveying, Specifications and Valuation
09	BTCE 309	Engineering Geology Laboratory

B.Tech in Civil Engineering : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 401	Principles of Management
02	BTCE 402	Highway & Transportation Engineering
03	BTCE 403	Design of Steel Structure
04	BTCE 404	Construction Planning and Management
05	BTCE 405	Professional Elective – I
06	BTCE 406	Free Elective – I
07	BTCE 407	Highway & Transportation Engg Lab
08	BTCE 408	Detailing of RC and Steel Structures
09	BTCE 409	CAD Laboratory
10	BTCE 410	Seminar

B.Tech in Civil Engineering : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 501	Environmental Engineering
02	BTCE 502	Water Resource Engineering
03	BTCE 503	Professional Elective II
04	BTCE 504	Professional Elective III
05	BTCE 505	Free Elective II
06	BTCE 506	Group Discussion
07	BTCE 507	Environmental Engg Lab
08	BTCE 508	Civil Engineering Practice Seasonal
09	BTCE 509	Free Elective Laboratory
10	BTCE 510	Industrial Training

B.Tech in Civil Engineering : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 601	Organisational Behaviour/ Project Management
02	BTCE 602	Professional Elective IV
03	BTCE 603	Professional Elective V
04	BTCE 604	Structural Engineering Design Practice
05	BTCE 605	Project Part II
06	BTCE 606	Grand – Viva
07	BTCE 607	Grand – Viva
08	BTCE 608	Electrical and Electronic Measuremen
09	BTCE 609	Material Testing Lab
10	BTCE 610	Electrical and Electronic Measurement Laboratory

B.Tech in Civil Engineering : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 701	Advanced Foundation Engineering
02	BTCE 702	Soil Stabilization and Ground Improvement Techniques
03	BTCE 703	Advanced Highway and Transportation Engineering
04	BTCE 704	Advanced Structural Analysis
05	BTCE 705	Hydraulic Structures
06	BTCE 706	Environmental Pollution and Control
07	BTCE 707	Water Resource Management and Planning
08	BTCE 708	Remote Sensing and GIS
09	BTCE 709	Finite Element Method
10	BTCE 710	Dynamics of Soils & Foundations & Design of Tall Buildings

B.Tech in Civil Engineering : VIII Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 801	Elements of Strength of Material
02	BTCE 802	Engineering Mechanics of Solids
03	BTCE 803	Strength of Materials
04	BTCE 804	Strength of Material
05	BTCE 805	Engineering Mechanics
06	BTCE 806	Fundamentals of Strength of Material
07	BTCE 807	Surveying:- Vol - I & II
08	BTCE 808	Surveying & Leveling
09	BTCE 809	Fundamental of Engineering Survey & Higher Surveying
10	BTCE 810	Plane and Geodetic Surveying (Vol - I & II)

B.Tech in Computer Science : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 101	Mathematics
02	BTCE 102	Data Structure & Algorithms
03	BTCE 103	Circuit Theory & Networks
04	BTCE 104	Computer Organisation
05	BTCE 105	Digital Electronics & Logic Design
06	BTCE 106	Principles of Programming Language
07	BTCE 107	Data Structures Lab
08	BTCE 108	Digital Electronics and Logic Design
09	BTCE 109	Lab
10	BTCE 110	Programming Practice Lab Circuits & Networks Lab

B.Tech in Computer Science : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 201	Mathematics
02	BTCE 202	Formal Language & Automata Theory
03	BTCE 203	Operation Research & Optimization Techniques
04	BTCE 204	Principles of Communication Engg
05	BTCE 205	Advanced Computer Architecture
06	BTCE 206	Operation Research Lab
07	BTCE 207	Computer Architecture & Organization Lab
08	BTCE 208	Communication Engg. Lab
09	BTCE 209	Technical Report writing & / Language Practice Lab

B.Tech in Computer Science : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 301	Operating System
02	BTCE 302	Database Management System Design & Analysis of Algorithm
03	BTCE 303	Microprocessor & Microcontrollers
04	BTCE 304	Control System
05	BTCE 305	Operating System Lab
06	BTCE 306	Database Management System Lab
07	BTCE 307	Microprocessor & Microcontrollers Lab
08	BTCE 308	Control System Lab
09	BTCE 309	Computer network
10	BTCE 310	Software Engineering

B.Tech in Computer Science : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 401	Computer Graphics & Multimedia
02	BTCE 402	System Software and Administration
03	BTCE 403	Object Technology & UML
04	BTCE 404	Computer network Lab
05	BTCE 405	Computer Graphics & Multimedia Lab
06	BTCE 406	System Software & Administration Lab
07	BTCE 407	Object Technology Lab
08	BTCE 408	Gr. Discussion & seminar
09	BTCE 409	Language Processor
10	BTCE 410	Artificial Intelligence

B.Tech in Computer Science : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 501	Visual Programming and Web technology
02	BTCE 502	Financial Management and accounts
03	BTCE 503	Artificial Intelligence lab
04	BTCE 504	Visual Programming and Web Technology Lab
05	BTCE 505	Assigned Project
06	BTCE 506	Practical Training Evaluation
07	BTCE 507	Seminar on Assigned /Selected Topic
08	BTCE 508	Distributed Database
09	BTCE 509	Bio Informatics
10	BTCE 510	Parallel Programming

B.Tech in Computer Science : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 601	Advanced Operating System
02	BTCE 602	Computational Geometry
03	BTCE 603	Modeling & Simulation
04	BTCE 604	Image Processing
05	BTCE 605	Network Applications(For Ceramic Technology College only)
06	BTCE 606	Values & Ethics in profession
07	BTCE 607	Industrial Management
08	BTCE 608	Assigned Project
09	BTCE 609	Comprehensive Viva-Voce
10	BTCE 610	Personality Development

B.Tech in Computer Science : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 701	Robotic Control
02	BTCE 702	Soft Computing
03	BTCE 703	Digital Signal Processing
04	BTCE 704	VLSI Design
05	BTCE 705	E-Commerce and ERP
06	BTCE 706	Pattern Recognition
07	BTCE 707	Mobile Computing
08	BTCE 708	Real Time & Embedded System
09	BTCE 709	GIS & Remote Sensing
10	BTCE 710	Network Security

B.Tech in Computer Science : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTCE 801	Advanced Java Programming
02	BTCE 802	Natural Language Processing
03	BTCE 803	Data Structures and Algorithms
04	BTCE 804	Heileman:data structure algorithms & Oop
05	BTCE 805	Computer Architecture & Organisation
06	BTCE 806	Computer Organisation
07	BTCE 807	Fundamentals of Programming Languages,
08	BTCE 808	Design of combinational circuit to drive seven-segment display
09	BTCE 809	Spectrum analysis of different signals
10	BTCE 810	Sequence and Discrete function. Generating functions and application

B.Tech in Information Technology : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 101	Values & Ethics in Profession
02	BTIT 102	Physics-2
03	BTIT 103	Basic Environmental Engineering & Elementary Biology
04	BTIT 104	Ana log & Digital Electronics
05	BTIT 105	Data Structure & Algorithm
06	BTIT 106	Computer Organisation
07	BTIT 107	Ana log & Digital Electronics
08	BTIT 108	Data Structure & Algorithm
09	BTIT 109	Computer Organisation
10	BTIT 110	Numerical Methods

B.Tech in Information Technology : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 201	Mathematics-3
02	BTIT 202	Communication Engg & Coding Theory
03	BTIT 203	Formal Language & Automata Theory
04	BTIT 204	Object Oriented Programming & UML
05	BTIT 205	Technical Report Writing & Language Lab Practice
06	BTIT 206	Numerical Methods
07	BTIT 207	Communication Engg & Coding Theory
08	BTIT 208	Software Tools
09	BTIT 209	Object Oriented Programming & UML (IT)
10	BTIT 210	Determination of dielectric constant of a given dielectric material

B.Tech in Information Technology : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 301	Engineering Mathematics
02	BTIT 302	Communication Skills
03	BTIT 303	Engineering Physics
04	BTIT 304	Engineering Graphics
05	BTIT 305	Elements of Mechanical Engineering
06	BTIT 306	Elements of Electrical Engineering
07	BTIT 307	Basics of Civil Engineering
08	BTIT 308	Computer Programming and Utilization
09	BTIT 309	Mechanics of Solids
10	BTIT 310	Data Structure

B.Tech in Information Technology : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 401	Database Management System
02	BTIT 402	Logic Design and Structure
03	BTIT 403	File Structure
04	BTIT 404	Operating System
05	BTIT 405	Programming in C Language
06	BTIT 406	Business Information Systems
07	BTIT 407	Object Oriented Programming using C++
08	BTIT 408	Data Communication
09	BTIT 409	Networking
10	BTIT 410	Programming using Java

B.Tech in Information Technology : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 501	Computer Graphics and Multimedia
02	BTIT 502	Computer Networks
03	BTIT 503	Software Engineering
04	BTIT 504	Information Management
05	BTIT 505	E-Commerce
06	BTIT 506	Web Scripting and Technology
07	BTIT 507	Data Mining
08	BTIT 508	RDBMS
09	BTIT 509	Project Management
10	BTIT 510	Management

B.Tech in Information Technology : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 601	Data Compression
02	BTIT 602	Java (Advanced)
03	BTIT 603	Algorithm Design
04	BTIT 604	Electronics
05	BTIT 605	Engineering Mathematics
06	BTIT 606	Basic Electronics
07	BTIT 607	Digital Systems
08	BTIT 608	Object Oriented Programming
09	BTIT 609	Mathematical foundation of Computer Science
10	BTIT 610	Applied Mathematics.

B.Tech in Information Technology : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 701	Mathematical foundation of Computer Science
02	BTIT 702	Applied Mathematics.
03	BTIT 703	ICT Tools and Security
04	BTIT 704	Entrepreneurship
05	BTIT 705	Computer Organization
06	BTIT 706	Data Structures
07	BTIT 707	Probability Statistics and Numerical Analysis
08	BTIT 708	Seminar
09	BTIT 709	Mini Project – I
10	BTIT 710	Computer Peripherals Workshop

B.Tech in Information Technology : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTIT 801	Economics for Engineers
02	BTIT 802	Ethics and Values
03	BTIT 803	Theory of Computation
04	BTIT 804	Database Management Systems
05	BTIT 805	Data Communication Networks
06	BTIT 806	Operating Systems
07	BTIT 807	Web designing
08	BTIT 808	Mini Project- II
09	BTIT 809	Law for Engineers
10	BTIT 810	Fractional Course

B.Tech in Petro Chemical Engg. I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 101	Basic Course in Communicative English
02	BTPCE 102	Engineering Mathematics–I
03	BTPCE 103	Engineering Physics–I
04	BTPCE 104	Engineering Chemistry–I
05	BTPCE 105	Basic Civil Engineering
06	BTPCE 106	Energy and Environmental Engineering
07	BTPCE 107	Engineering Graphics
08	BTPCE 108	Branch Specific Course
09	BTPCE 109	NCC/NSS/Sports

B.Tech in Petro Chemical Engg. II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 201	Basic Course in Human Rights
02	BTPCE 202	Engineering Mathematics–II
03	BTPCE 203	Engineering Physics–II
04	BTPCE 204	Engineering Mechanics
05	BTPCE 205	Basic Electrical and Electronics Engineering
06	BTPCE 206	Engineering Chemistry–II
07	BTPCE 207	Workshop Practice
08	BTPCE 208	Branch Specific Programming and Softwares
09	BTPCE 209	NCC/NSS/Sports

B.Tech in Petro Chemical Engg. III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 301	Engineering Mathematics-III
02	BTPCE 302	Numerical Methods
03	BTPCE 303	Petroleum Geology
04	BTPCE 304	Fluid & Solid-fluid Operations
05	BTPCE 305	Fluid Flow Operations
06	BTPCE 306	Process Calculations
07	BTPCE 307	Seminar Report and Presentation
08	BTPCE 308	Chemical Engineering Thermodynamics - I
09	BTPCE 309	Heat Transfer Operations
10	BTPCE 310	Petrochemical Engineering – I

B.Tech in Petro Chemical Engg. IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 401	Process Plant Utilities & Safety
02	BTPCE 402	Elective – I
03	BTPCE 403	Chemical Engineering Laboratory - I
04	BTPCE 404	Industrial Exposure
05	BTPCE 405	Chemical Engineering Thermodynamics - II
06	BTPCE 406	Inorganic Chemical Technology
07	BTPCE 407	Mass Transfer Operations - I
08	BTPCE 408	Optimization Techniques
09	BTPCE 409	Mass Transfer Operations – II
10	BTPCE 410	Chemical Reaction Engineering - I

B.Tech in Petro Chemical Engg. V Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 501	Process Instrumentation
02	BTPCE 502	Chemistry of Petroleum Hydrocarbons
03	BTPCE 503	Chemical Engineering Laboratory – III
04	BTPCE 504	Petrochemical Engineering Laboratory – II
05	BTPCE 505	Transfer Operation
06	BTPCE 506	Chemical Reaction Engineering - II
07	BTPCE 507	Process Dynamics and Control
08	BTPCE 508	Process Economics and Project Management
09	BTPCE 509	Process Equipment Design & Drawing
10	BTPCE 510	Petrochemical Processes -I

B.Tech in Petro Chemical Engg. VI Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 601	Chemical Engineering Laboratory – IV
02	BTPCE 602	Petrochemical Synthesis Laboratory
03	BTPCE 603	Project Work – Stage I
04	BTPCE 604	Industrial Training (Assessment)
05	BTPCE 605	Process Equipment Design & Drawing Laboratory
06	BTPCE 606	Transport Phenomena
07	BTPCE 607	Pollution Control in Process Industries
08	BTPCE 608	Process Design, Flow Sheetting & Simulation
09	BTPCE 609	Petrochemical Processes – II
10	BTPCE 610	Chemical Engineering Laboratory – V

B.Tech in Petro Chemical Engg. VII Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 701	Soft Skills I
02	BTPCE 702	Calculus And Solid Geometry
03	BTPCE 703	Physics
04	BTPCE 704	Physics Lab
05	BTPCE 705	Chemistry
06	BTPCE 706	Chemistry Lab
07	BTPCE 707	Value Education
08	BTPCE 708	Basic Civil Engineering
09	BTPCE 709	Advanced Calculus And Complex Analysis
10	BTPCE 710	Material Science

B.Tech in Petro Chemical Engg. VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTPCE 801	Principles Of Environmental Science
02	BTPCE 802	Material Technology
03	BTPCE 803	English
04	BTPCE 804	Programming Using Matlab
05	BTPCE 805	Biology For Engineers
06	BTPCE 806	Basic Mechanical Engineering
07	BTPCE 807	Engineering Graphics
08	BTPCE 808	Fourier Series, Partial Differential Equations And Its Applications
09	BTPCE 809	Organic Chemistry
10	BTPCE 810	Chemical Process Calculation

B.Tech in Aeronautical Engg. I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 101	Engineering Maths – I
02	BTAE 102	Engineering Physics
03	BTAE 103	Elements of Civil Engg. & Engineering Mechanics
04	BTAE 104	Elements of Mechanical Engg
05	BTAE 105	Basic Electrical Engg.
06	BTAE 106	Workshop Practice
07	BTAE 107	Engg. Physics Lab
08	BTAE 108	Constitution of India & Professional Ethics
09	BTAE 109	Language (Kan.)

B.Tech in Aeronautical Engg. II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 201	Engineering Maths – II
02	BTAE 202	Engineering Chemistry
03	BTAE 203	Computer Concepts & C Programming
04	BTAE 204	Computer Aided Engineering Drawing
05	BTAE 205	Basic Electronics
06	BTAE 206	Computer Programming Lab
07	BTAE 207	Engg. Chemistry Lab
08	BTAE 208	Environmental Studies
09	BTAE 209	Language (Eng.)

B.Tech in Aeronautical Engg. III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 301	Engineering Mathematics-III
02	BTAE 302	Material Science and Metallurgy
03	BTAE 303	Basic Thermodynamics
04	BTAE 304	Mechanics of Materials
05	BTAE 305	Manufacturing Processes
06	BTAE 306	Computer Aided Machine Drawing / Fluid Mechanics
07	BTAE 307	Metallography & Material Testing Lab
08	BTAE 308	Foundry & Forging Laboratory/ Machine shop
09	BTAE 309	Mechanical Measurement and Metrology Lab
10	BTAE 310	Mechanical Measurement and Metrology

B.Tech in Aeronautical Engg. IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 401	Engg. Maths – IV
02	BTAE 402	Material Science & Metallurgy
03	BTAE 403	Mechanical Measurements & Metrology
04	BTAE 404	Applied Thermodynamics
05	BTAE 405	Kinematics of Machines
06	BTAE 406	Elements of Aeronautics
07	BTAE 407	Computer Aided Machine drawing/ Fluid Mechanics
08	BTAE 408	Metallography & Material Testing Lab
09	BTAE 409	Mechanical Measurements & Metrology laboratory
10	BTAE 410	Foundry & Forging lab / Machine Shop

B.Tech in Aeronautical Engg. V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 501	Management and Entrepreneurship
02	BTAE 502	Introduction to Composite Materials
03	BTAE 503	Dynamics of Machines
04	BTAE 504	Aerodynamics
05	BTAE 505	Aircraft Propulsion
06	BTAE 506	Aircraft Structures
07	BTAE 507	Aerodynamics Lab.
08	BTAE 508	Energy Conversion Lab
09	BTAE 509	Numerical Methods
10	BTAE 510	Aircraft Materials

B.Tech in Aeronautical Engg. VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 601	Applied Gas Dynamics
02	BTAE 602	Aircraft Performance
03	BTAE 603	Aerodynamics – II
04	BTAE 604	Finite Element Analysis
05	BTAE 605	Theory of Vibrations
06	BTAE 606	Structures Lab.
07	BTAE 607	Propulsion Laboratory
08	BTAE 608	Reliability Engineering
09	BTAE 609	Industrial Management
10	BTAE 610	Rockets and Missiles

B.Tech in Aeronautical Engg. VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 701	Control Engineering
02	BTAE 702	Aircraft Structures – II
03	BTAE 703	Aircraft Stability and Control
04	BTAE 704	Gas Turbine / Technology
05	BTAE 705	Design, Modeling and Analysis Laboratory
06	BTAE 706	Simulation Laboratory
07	BTAE 707	Optimisation Techniques
08	BTAE 708	Computational Fluid Dynamics
09	BTAE 709	Aircraft Maintenance, Repair and Overhaul
10	BTAE 710	Statistical Quality Control

B.Tech in Aeronautical Engg. VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAE 801	Flight Vehicle Design
02	BTAE 802	Avionics
03	BTAE 803	Experimental Stress analysis
04	BTAE 804	Helicopter Dynamics
05	BTAE 805	Space Mechanics and Launch Vehicles
06	BTAE 806	Industrial and Experimental Aerodynamics
07	BTAE 807	Micro and Smart Systems Technology
08	BTAE 808	Flight Testing & Fracture Mechanics
09	BTAE 809	Reliability and Maintenance Engineering
10	BTAE 810	Operation Research

B.tech i n Aviation Maintenance Engg. I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 101	Aircraft Rules, Regulation and CAR
02	BTAME 102	Workshop Technology
03	BTAME 103	Engineering Drawing
04	BTAME 104	Theory of flight
05	BTAME 105	Aircraft Hardware
06	BTAME 106	Basic Electricity
07	BTAME 107	Basic Electronics
08	BTAME 108	Aircraft Materials
09	BTAME 109	Aircraft Power plant

B.tech i n Aviation Maintenance Engg. II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 201	Aircraft Material
02	BTAME 202	Aircraft Power Plant
03	BTAME 203	Basic and Applied Electricity
04	BTAME 204	Aircraft Systems
05	BTAME 205	Aircraft Instruments
06	BTAME 206	Basic Avionics
07	BTAME 207	Aircraft Electricity & Electrical systems
08	BTAME 208	Electronics/Digital Aircraft systems
09	BTAME 209	Advanced Composites
10	BTAME 210	Aircraft Ground Handling and support

B.tech i n Aviation Maintenance Engg. III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 301	Piston Engine Systems
02	BTAME 302	Aircraft structure
03	BTAME 303	Aerodynamics
04	BTAME 304	Aircraft Wiring, Bonding & Screening
05	BTAME 305	Integrated Flight Control System
06	BTAME 306	Aircraft Instrument
07	BTAME 307	Aircraft Instrument Systems
08	BTAME 308	Aircraft Electrical Systems
09	BTAME 309	Engine Fuel System
10	BTAME 310	Lubrication System

B.tech i n Aviation Maintenance Engg. IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 401	Aircraft Power Plant and Accessories
02	BTAME 402	Aircraft Propeller System
03	BTAME 403	Engine Starting/Run-up System
04	BTAME 404	Piston Engine System Trouble Shooting
05	BTAME 405	Airborne Radio Communication & Navigational Equipment
06	BTAME 406	Radio & Radar Aids to Navigation
07	BTAME 407	Radio Test Equipment
08	BTAME 408	Radar Theory
09	BTAME 409	Aircraft System
10	BTAME 410	Aircraft Fuel System

B.tech i n Aviation Maintenance Engg. V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 501	Aircraft Structure
02	BTAME 502	Aircraft Cessna 152/172 Inspection Procedures
03	BTAME 503	Aircraft P68C/PA30 Twin Engine Aircraft Inspection Procedure
04	BTAME 504	Carver Aviation (CAR145 approved Facilities)
05	BTAME 505	Mathematics
06	BTAME 506	Physics
07	BTAME 507	Electrical Fundamentals
08	BTAME 508	Electronic Fundamentals
09	BTAME 509	Digital Techniques Electronic Instrument System
10	BTAME 510	Materials and Hardware

B.tech i n Aviation Maintenance Engg. VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 601	Maintenance Practices
02	BTAME 602	Basic Aerodynamics
03	BTAME 603	Human Factors
04	BTAME 604	Aviation Legislation
05	BTAME 605	Turbine Aeroplane Aerodynamics, Structures and Systems
06	BTAME 606	Piston Aeroplane Aerodynamics, Structures and Systems
07	BTAME 607	Helicopter Aerodynamics, Structures and System
08	BTAME 608	Aircraft Aerodynamics , Structures and System
09	BTAME 609	Propulsion
10	BTAME 610	Gas Turbine Engine

B.tech i n Aviation Maintenance Engg. VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 701	Piston Engine
02	BTAME 702	Propeller
03	BTAME 703	General Engineering and Workshop Practices
04	BTAME 704	Basic Electrical Engineering
05	BTAME 705	Electronics
06	BTAME 706	Basis Hydraulics
07	BTAME 707	Metals and Metallurgy
08	BTAME 708	Corrosion and its prevention
09	BTAME 709	Civil Airworthiness Requirements
10	BTAME 710	Theory of flight and how aircraft fly

B.tech i n Aviation Maintenance Engg. VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTAME 801	Air-frame structures and structural engineering
02	BTAME 802	Thermodynamics and its applications to heat engines
03	BTAME 803	Reciprocating and Gas Turbine engines
04	BTAME 804	Electrical Systems
05	BTAME 805	Hydraulic Systems
06	BTAME 806	Electronic Systems (Avionics) and Instrumentation
07	BTAME 807	Engineering Graphics
08	BTAME 808	Basic Work-shop Skills
09	BTAME 809	Basic Electrical & Electronics
10	BTAME 810	Basic Electrical & Electronics Lab.

M.Tech in Mechanical Engineering : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTME 101	Advance Computer Aided Design (ACAD)
02	MTME 102	Simulation, Modeling and Analysis
03	MTME 103	Advanced Production Technology
04	MTME 104	Advance Computer Aided Design Lab
05	MTME 105	Simulation, Modeling and Analysis Lab
06	MTME 106	Optimization for Engineering Design
07	MTME 107	Finite Element Method (FEM)
08	MTME 108	Computer Aided Manufacturing (CAM)
09	MTME 109	Finite Element Method Lab (FEM)
10	MTME 110	Advanced Mechanics of Solids

M.Tech in Mechanical engineering : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTME 201	Machine Tool Design
02	MTME 202	Energy Conservation and Management
03	MTME 203	Industrial Automation & Robotics
04	MTME 204	Advanced Mechanical Vibrations
05	MTME 205	Supply Chain Management
06	MTME 206	Design of Production Toolings
07	MTME 207	Research Methodology
08	MTME 208	Rapid Prototyping and Tooling
09	MTME 209	Nanotechnology
10	MTME 210	Enterprise Resource Planning

M.Tech in Mechanical engineering : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTME 301	Reliability & Maintenance
02	MTME 302	Computer-Based Numerical-Techniques and Soft— Computing
03	MTME 303	Product Design & Development
04	MTME 304	Fracture Mechanics
05	MTME 305	Concurrent Engineering
06	MTME 306	Technology of Competitive Manufacturing
07	MTME 307	Advanced Thermodynamics
08	MTME 308	Advanced Fluid Mechanics
09	MTME 309	Modern Power Plant & Thermal Engineering Lab
10	MTME 310	Advanced Fluid Mechanics Lab

M.Tech in Mechanical engineering : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTME 401	Finite Element Method (FEM)
02	MTME 402	Design of Heat Transfer Equipment
03	MTME 403	Advanced Heat & Mass Transfer
04	MTME 404	Finite Element Method Lab (FEM)
05	MTME 405	Energy Conservation and Management
06	MTME 406	Research Methodology
07	MTME 407	Nanotechnology
08	MTME 408	Computer-Based Numerical-Techniques and Soft— Computing
09	MTME 409	Nuclear Energy
10	MTME 410	Gas Turbines and Jet Propulsion

M.Tech in Electrical & Electronics Engg. : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTEEE 101	Advanced Engineering Mathematics
02	MTEEE 102	Advanced Microprocess Or And Computer
03	MTEEE 103	Advanced Power System
04	MTEEE 104	Advanced Control System
05	MTEEE 105	Special Electro -Mechanical Devices
06	MTEEE 106	Protection Of Power System And Device
07	MTEEE 107	Power System Networking And Management
08	MTEEE 108	Measurement And Instrumentat Ion In Power System Drives
09	MTEEE 109	Modeling Simulation And Evolutionary Techniques

M.Tech in Electrical & Electronics Engg. : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTEEE 201	Advance Microprocessor & Computer
02	MTEEE 202	Advance Power System
03	MTEEE 203	Energy Integral Creation of Transient Stability Limits of Power System
04	MTEEE 204	Power System Dynamics: Stability and Control
05	MTEEE 205	Advanced Angle Stability Controls
06	MTEEE 206	Flexible AC Transmission Systems
07	MTEEE 207	Machine power system transient stability enhancement
08	MTEEE 208	A unified power flow control concept for flexible AC Transmission systems
09	MTEEE 209	Linear Induction Machines
10	MTEEE 210	Power System Engineering

M.Tech in Electrical & Electronics Engg. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTEEE 301	Advanced Power System Operation and Control
02	MTEEE 302	Advanced Protective Relaying and Switchgear
03	MTEEE 303	Power System Dynamics
04	MTEEE 304	EHV AC and HVDC Transmission
05	MTEEE 305	Applied Linear Algebra And Matrix Computations
06	MTEEE 306	Cyber Security
07	MTEEE 307	Computer Aided Power System Analysis
08	MTEEE 308	Computer Aided Power System Analysis
09	MTEEE 309	Power Electronics in Power System
10	MTEEE 310	Substation Engineering and Automation

M.Tech in Electrical & Electronics Engg. : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTEEE 401	Power System Simulation Lab
02	MTEEE 402	Power System Transients (Elective I and II)
03	MTEEE 403	Digital Signal Processing and its Applications (Elective I and II)
04	MTEEE 404	Power System Reliability (Elective I and II)
05	MTEEE 405	Restructured Power System (Elective I and II)
06	MTEEE 406	Energy Management (Elective I and II)
07	MTEEE 407	Distributed Power Generation (Elective I and II)
08	MTEEE 408	Smart Grid Technologies (Elective I and II)
09	MTEEE 409	Renewable Energy Technology (Elective I and II)
10	MTEEE 410	Communication Skills for Engineers

M.Tech in Electronics & Comm. Engg. : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTECE 101	Digital Communication Techniques
02	MTECE 102	Adaptive Signal Processing
03	MTECE 103	Antenna System Design
04	MTECE 104	Wireless Networks
05	MTECE 105	Statistical Signal Processing
06	MTECE 106	Communication Simulation Lab
07	MTECE 107	DSP Algorithms Lab
08	MTECE 108	Communication Skills for Engineers
09	MTECE 109	Research Methodology (EC)
10	MTECE 110	Data Compression & Standards

M.Tech in Electronics & Comm. Engg. : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTECE 201	Embedded System Design
02	MTECE 202	Information and coding Theory
03	MTECE 203	Satellite Communication
04	MTECE 204	Telecom Networks and Traffic Engineering
05	MTECE 205	Speech and Image Processing
06	MTECE 206	Wireless Sensor Networks and Protocols
07	MTECE 207	RF IC Design
08	MTECE 208	Analytical and Computational Electromagnetic
09	MTECE 209	VLSI Signal Processing
10	MTECE 210	Radar & Navigational Systems

M.Tech in Electronics & Comm. Engg. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTECE 301	RF Circuit Design
02	MTECE 302	Wireless Communication
03	MTECE 303	Networks & Protocols Lab
04	MTECE 304	Optical Communication and Networks
05	MTECE 305	Communication System Design Lab
06	MTECE 306	Cyber Security
07	MTECE 307	Major Project – I
08	MTECE 308	Wireless Networks
09	MTECE 309	Statistical Signal Processing
10	MTECE 310	DSP Algorithms Lab

M.Tech in Electronics & Comm. Engg. : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTECE 401	DSP Systems & Architecture
02	MTECE 402	Semiconductor devices Physics & Modelling
03	MTECE 403	HDL based DSP applications Lab
04	MTECE 404	Digital VLSI Design
05	MTECE 405	Applied Algorithms for VLSI CAD
06	MTECE 406	HDL Based Design with programmable logic
07	MTECE 407	Research Methodology (EC)
08	MTECE 408	IC Fabrication Technology
09	MTECE 409	Testing & Verification of VLSI Design
10	MTECE 410	Testing & Verification of VLSI Design Lab

M.Tech in Civil Engineering : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 101	Advanced Concrete Technology
02	MTCE 102	Building Acoustics and Noise Control
03	MTCE 103	Building Services
04	MTCE 104	Computer Applications in Construction
05	MTCE 105	Construction Contracts and Specifications
06	MTCE 106	Construction Economics and Finance
07	MTCE 107	Construction Engineering and Management
08	MTCE 108	Construction Methods and Equipment
09	MTCE 109	Construction Personnel Management
10	MTCE 110	Construction Planning and Control

M.Tech in Civil Engineering : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 201	Construction Project Management
02	MTCE 202	Energy Management in Buildings
03	MTCE 203	Functional Design of Buildings
04	MTCE 204	Maintenance and Rehabilitation of Constructed Facilities
05	MTCE 205	Modern Construction Materials
06	MTCE 206	Quality and Safety Management
07	MTCE 207	Structural Systems and Design
08	MTCE 208	Advanced Reinforced Concrete Design
09	MTCE 209	Advanced Steel Design
10	MTCE 210	Advanced Structural Analysis

M.Tech in Civil Engineering : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 301	Analysis & Design of Plates & Shells
02	MTCE 302	Applied Elasticity & Plasticity
03	MTCE 303	Bridge Engineering
04	MTCE 304	Composite Structures
05	MTCE 305	Finite Element Method
06	MTCE 306	High Rise Structures
07	MTCE 307	Material Technology
08	MTCE 308	Pre-stressed Concrete
09	MTCE 309	Structural Dynamics & Earthquake Engineering
10	MTCE 310	Stability of Structures

M.Tech in Civil Engineering : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 401	Advanced Soil Mechanics
02	MTCE 402	Dynamics of Soils and Foundations
03	MTCE 403	Earth Retaining Structures
04	MTCE 404	Earthquake Geotechnical Engineering
05	MTCE 405	Environmental Geo-techniques
06	MTCE 406	Ground Improvement Techniques
07	MTCE 407	Ground Water & Flow through Porous Media
08	MTCE 408	Ground Water & Flow through Porous Media
09	MTCE 409	Rock Mechanics
10	MTCE 410	Soil Exploration and Analysis of Foundations

M.Tech in Computer Science : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 101	Computer Organization & Architecture
02	MTCE 102	Data Structure & Algorithms
03	MTCE 103	Systems Programming & Operating Systems
04	MTCE 104	Data Structure & Algorithms Laboratory
05	MTCE 105	Networks & System Programming Laboratory
06	MTCE 106	Web Technology & E-Commerce
07	MTCE 107	Internet Technology
08	MTCE 108	Advanced Windows Programming
09	MTCE 109	Elements of Robotics
10	MTCE 110	Mobile Computing

M.Tech in Computer Science : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 201	Software Engineering & Project Management
02	MTCE 202	Theoretical Foundations of Computer Science
03	MTCE 203	Advanced Data Base Management System
04	MTCE 204	Distributed Computer Systems
05	MTCE 205	Advanced Data Base Laboratory
06	MTCE 206	Programming Laboratory I(for Elective III chosen)
07	MTCE 207	VLSI System Design
08	MTCE 208	Real Time & Embedded System
09	MTCE 209	Cellular Automata & Its Applications
10	MTCE 210	AI & Neural Network

M.Tech in Computer Science : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 301	Object Oriented Information System Design
02	MTCE 302	Enterprise Computing Methodologies
03	MTCE 303	Multimedia Technology
04	MTCE 304	Digital Signal Processing
05	MTCE 305	Programming Laboratory
06	MTCE 306	Image Processing & Pattern Recognition
07	MTCE 307	Bio-informatics
08	MTCE 308	Soft Computing
09	MTCE 309	Courseware Engineering
10	MTCE 310	Advanced Microprocessors

M.Tech in Computer Science : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTCE 401	Parallel Computing
02	MTCE 402	Compiler Construction
03	MTCE 403	Cryptography and Computer Security
04	MTCE 404	Digital circuits
05	MTCE 405	System Programming and Operating System
06	MTCE 406	System Programming- Donovan
07	MTCE 407	Operating System-
08	MTCE 408	Modern Operating System
09	MTCE 409	Software Engineering
10	MTCE 410	Advanced Unix Programming in the Unix Environment

M.Tech in Information Technology : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTIT 101	Data Structure & Algorithm
02	MTIT 102	DBMS
03	MTIT 103	Software Engineering
04	MTIT 104	Discrete Structure
05	MTIT 105	Object Oriented Programming
06	MTIT 106	Data Structure Laboratory
07	MTIT 107	DBMS Laboratory
08	MTIT 108	Object Oriented Prog. Laboratory (C++)

M.Tech in Information Technology : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MTIT 201	Operating Systems
02	MTIT 202	Software Project Management & TQM
03	MTIT 203	Object Oriented Software Engineering & UML
04	MTIT 204	Computer Network
05	MTIT 205	Object Tech. Laboratory
06	MTIT 206	SPM Laboratory
07	MTIT 207	Web Technology
08	MTIT 208	Web Technology Lab
09	MTIT 209	Formal Language & Automata Theory
10	MTIT 210	Artificial Intelligence

M.Tech in Information Technology : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTIT 301	Computer Graphics and Multimedia
02	MTIT 302	Real Time & Embedded Systems
03	MTIT 303	BioInformatics
04	MTIT 304	Data Mining & Data Warehousing
05	MTIT 305	Mechatronics
06	MTIT 306	Waite Groups C++ Primer Plus
07	MTIT 307	The C++ Programming Language
08	MTIT 308	C++ Complete Reference
09	MTIT 309	Object Oriented Programming using C++
10	MTIT 310	Operating System Concepts

M.Tech in Information Technology : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTIT 401	Software Engineering
02	MTIT 402	Classical and Object Oriented Software Engineering
03	MTIT 403	Software Engineering
04	MTIT 404	Software Testing Fundamentals
05	MTIT 405	Web Technologies
06	MTIT 406	Professional Java Server Programming
07	MTIT 407	Java Server Programming
08	MTIT 408	Computer Graphics
09	MTIT 409	Data Mining Introductory & Advanced Topic
10	MTIT 410	Programming Language Pragmatics

M.Tech in Industrial Engg. & Mang. : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTIEM 101	Probability and Statistics
02	MTIEM102	Advanced Operations Research
03	MTIEM 103	Analysis and Control of Manufacturing Systems
04	MTIEM 104	Operations Management Lab.
05	MTIEM 105	Quality Engineering
06	MTIEM 106	Modeling and Simulation
07	MTIEM 107	Work Design and Ergonomics
08	MTIEM 108	Simulation Lab.
09	MTIEM 109	Facilities Planning
10	MTIEM 110	Value Engineering

M.Tech in Industrial Engg. & Mang. : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTIEM 201	Project Management
02	MTIEM 202	Financial Management
03	MTIEM 203	Supply Chain Management
04	MTIEM 204	Total Quality Management
05	MTIEM 205	Terotechnology
06	MTIEM 206	Sequencing and Scheduling
07	MTIEM 207	Advanced Optimization Techniques
08	MTIEM 208	Production Management Systems
09	MTIEM 209	Enterprise Resource Planning
10	MTIEM 210	Design & Analysis of Flexible Manufacturing Systems

M.Tech in Industrial Engg. & Mang. : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTIEM 301	Computer-Aided Process Planning and Control
02	MTIEM 302	E- Commerce
03	MTIEM 303	Smart cam
04	MTIEM 304	Harvard project manager
05	MTIEM 305	Linear programming
06	MTIEM 306	Project management
07	MTIEM 307	Facilities layout
08	MTIEM 308	Material requirement planning
09	MTIEM 309	Inventory management
10	MTIEM 310	Quality management

M.Tech in Industrial Engg. & Mang. : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTIEM 401	Job shop scheduling
02	MTIEM 402	Forecasting
03	MTIEM 403	Modeling and simulation using witness
04	MTIEM 404	Modeling and simulation in arena
05	MTIEM 405	Modeling and simulation in Quest
06	MTIEM 406	Computer aided factory integrated management system
07	MTIEM 407	Random variate generate using c
08	MTIEM 408	Robot work cell simulation
09	MTIEM 409	Simulation using simulink (Matlab)
10	MTIEM 410	Role of financial management

M.Tech in Highway Road Technology : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTHRT 101	Numerical methods and Applied Statistics
02	MTHRT 102	Pavement Analysis and Design
03	MTHRT 103	Pavement Materials
04	MTHRT 104	Bridge Engineering
05	MTHRT 105	Highway Design & Traffic Analysis
06	MTHRT 106	Theory of Traffic flow
07	MTHRT 107	Traffic and Pavement Engineering Lab
08	MTHRT 108	Transit System Planning
09	MTHRT 109	Highway Construction, Quality Control and Maintenance
10	MTHRT 110	Transportation Planning

M.Tech in Highway Road Technology : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTHRT 201	Computer Aided Transportation Engineering Lab
02	MTHRT 202	Transport Economics and Management
03	MTHRT 203	Road Safety Engineering
04	MTHRT 204	GIS Application In Transportation Engineering
05	MTHRT 205	Evaluation and Strengthening of Pavements
06	MTHRT 206	Computer Simulation Application in Highway Engineering
07	MTHRT 207	Hill and Rural Road Planning and Construction
08	MTHRT 208	Environmental Impact Assessment For Transportation Projects
09	MTHRT 209	Accident Analysis and Safety Audit
10	MTHRT 210	Highway Project Management

M.Tech in Highway Road Technology : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTHRT 301	Engineering Solutions for Accident Reduction
02	MTHRT 302	Intelligent Transportation System
03	MTHRT 303	Advance Modeling Techniques in Highway Engineering
04	MTHRT 304	Ground Improvements Technique.
05	MTHRT 305	Land use and Transportation Engineering
06	MTHRT 306	Advanced Highway Design
07	MTHRT 307	Automobile Pollution Control
08	MTHRT 308	Highway Infrastructure Design
09	MTHRT 309	Concrete Technology

M.Tech in Highway Road Technology : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MTHRT 401	Roots of an equation using Newton
02	MTHRT 402	Solution of linear simultaneous equations using Gauss elimination
03	MTHRT 403	Matrix inversion using Gauss Jordan method
04	MTHRT 404	Linear regression line of given points.
05	MTHRT 405	Automated Highway Systems
06	MTHRT 406	Components of Bridges
07	MTHRT 407	Selection of Bridge
08	MTHRT 408	Evaluation of sub structures
09	MTHRT 409	Electrometric bearing
10	MTHRT 410	Principles of TRIPS, SATURN, EMME/2, CUBE.

B.Tech + M.Tech : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 101	Chemistry
02	BTMT 102	Environmental Studies
03	BTMT 103	Engineering Graphics
04	BTMT 104	Computer Programming
05	BTMT 105	ICT Tools and Cyber Security
06	BTMT 106	English Communication
07	BTMT 107	Calculus and Differential Equations
08	BTMT 108	Law and Engineering
09	BTMT 109	Design Thinking
10	BTMT 110	Mechanical Workshop

B.Tech + M.Tech : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 201	Elements of Electrical and Electronics Engineering.
02	BTMT 202	Electrical Workshop
03	BTMT 203	Introduction to Computer Science and Engineering
04	BTMT 204	Linear Algebra
05	BTMT 205	Physics
06	BTMT 206	Basic Electronics
07	BTMT 207	Digital Systems
08	BTMT 208	Object Oriented Programming
09	BTMT 209	Mathematical foundation of Computer Science
10	BTMT 210	ICT Tools and Security

B.Tech + M.Tech : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 301	Community Services
02	BTMT 302	Entrepreneurship
03	BTMT 303	Applied Mathematics.
04	BTMT 304	Ethics & Values
05	BTMT 305	Data Communication
06	BTMT 306	Mini Project - I
07	BTMT 307	Computer Peripherals Workshop
08	BTMT 308	Probability Statistics and Numerical Analysis
09	BTMT 309	Economics For Engineers
10	BTMT 310	Theory of Computation

B.Tech + M.Tech : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 401	Database Management Systems
02	BTMT 402	Computer Networks
03	BTMT 403	Operating Systems
04	BTMT 404	Web designing
05	BTMT 405	Law for Engineers
06	BTMT 406	Fractional Course
07	BTMT 407	Mini Project- II
08	BTMT 408	Design and Analysis of Algorithms
09	BTMT 409	Software Engineering
10	BTMT 410	.net Technologies (Elective I)

B.Tech + M.Tech : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 501	Java Technologies (Elective I)
02	BTMT 502	Objective C Programming (Elective I)
03	BTMT 503	Embedded C Programming (Elective I)
04	BTMT 504	System Software (Elective I)
05	BTMT 505	Mini Project- III
06	BTMT 506	Creativity and Innovation.
07	BTMT 507	Capstone Course (Computer Engineering)
08	BTMT 508	Internet of Things(Elective 1)
09	BTMT 509	LAMP Technologies (Elective I)
10	BTMT 510	Mobile Applications Development Technologies (Elective I)

B.Tech + M.Tech : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 601	Advanced Computer Networks (Elective II)
02	BTMT 602	Machine Human Interface (Elective II)
03	BTMT 603	Computer Graphics and Visualization (Elective II)
04	BTMT 604	Main Frame Systems (Elective II)
05	BTMT 605	Network Security and Encryption (Elective II)
06	BTMT 606	Cloud Computing (Elective II)
07	BTMT 607	Software Testing (Elective II)
08	BTMT 608	Business Analysis and Optimization (Elective II)
09	BTMT 609	IT Industry Management (Elective III)
10	BTMT 610	Machine Learning (Elective III)

B.Tech + M.Tech : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 701	Data Mining (Elective III)
02	BTMT 702	Parallel and Distributed computing (Elective III)
03	BTMT 703	Advanced Data Structures (Elective III)
04	BTMT 704	Natural Language Processing (Elective III)
05	BTMT 705	Artificial Intelligence
06	BTMT 706	Compiler Construction
07	BTMT 707	Data Compression(ElectiveIV)
08	BTMT 708	Interfacing with Microprocessor
09	BTMT 709	Open source development lab
10	BTMT 710	Digital Image Processing(Elective IV)

B.Tech + M.Tech : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 801	Database Administration(Elective IV)
02	BTMT 802	Organizational Behaviour
03	BTMT 803	Web security (Elective IV)
04	BTMT 804	Big data analytics (Elective IV)
05	BTMT 805	Agile Software Development (Elective IV)
06	BTMT 806	Secure software engineering (Elective IV)
07	BTMT 807	Deep Learning (Elective-IV)
08	BTMT 808	Practical Training
09	BTMT 809	Wireless Networks (Elective IV)
10	BTMT 810	Information Retrieval System (Elective IV)

B.Tech + M.Tech : IX Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 901	Network programming (Elective IV)
02	BTMT 902	System administration(Elective IV)
03	BTMT 903	Institute Elective
04	BTMT 904	Systems Dynamics and Control
05	BTMT 905	Computer Aided Design
06	BTMT 906	Mechanics of Fracture and Fatigue
07	BTMT 907	Theory of Mechanisms
08	BTMT 908	Experimental Mechanics and Non Destructive Testing
09	BTMT 909	Engineering Design
10	BTMT 910	Design of Pressure Vessels and Piping

B.Tech + M.Tech : X Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMT 1001	Quality Engineering
02	BTMT 1002	Tribology
03	BTMT 1003	Rotor Dynamics
04	BTMT 1004	Mechatronics
05	BTMT 1005	Finite element Analysis
06	BTMT 1006	Non-Linear Vibrations
07	BTMT 1007	Vibrations and shock Analysis
08	BTMT 1008	Theory of Plasticity
09	BTMT 1009	Advanced Composite Materials
10	BTMT 1010	Robotics and Automation

B.Tech + MBA : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 101	Managerial Economics
02	BTM 102	Marketing Management-I
03	BTM 103	Operations Management-I
04	BTM 104	Organizational Behaviour
05	BTM 105	Quantitative Techniques in Management
06	BTM 106	Managerial Accounting - I
07	BTM 107	Communication for Managers
08	BTM 108	Research Methodology
09	BTM 109	Financial Management-I
10	BTM 110	Macro Economics

B.Tech + MBA : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 201	Human Resource Management
02	BTM 202	Marketing Management-II
03	BTM 203	Managerial Accounting-II
04	BTM 204	Operations Management–II
05	BTM 205	Communication for Managers-II
06	BTM 206	Management Information Systems
07	BTM 207	Operations Research
08	BTM 208	Business Ethics
09	BTM 209	Indian Economy in Global Context
10	BTM 210	Business Laws

B.Tech + MBA : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 301	Strategic Management
02	BTM 302	Managing Social Projects
03	BTM 303	Financial Management-II
04	BTM 304	Dissertation
05	BTM 305	Bank Management
06	BTM 306	Derivative & Risk Management
07	BTM 307	International Finance
08	BTM 308	Investment & Portfolio Management
09	BTM 309	Investment Banking
10	BTM 310	Management of Financial Services

B.Tech + MBA : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 401	Project Planning & Control
02	BTM 402	Valuation
03	BTM 403	Financial Modelling Using Spread Sheets
04	BTM 404	Behavioural Finance
05	BTM 405	Compensation Management
06	BTM 406	Employee Relations & Labour Laws
07	BTM 407	Performance Management
08	BTM 408	Recruitment & Selection
09	BTM 409	Training & Development
10	BTM 410	Business Process Re-engineering

B.Tech + MBA : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 501	Enterprise Resource Planning
02	BTM 502	Business Intelligence
03	BTM 503	Technology Enabled Operations Management
04	BTM 504	Business-to-Business Marketing
05	BTM 505	Consumer Behaviour
06	BTM 506	Customer Relationship Management
07	BTM 507	Marketing Research
08	BTM 508	Integrated Marketing Communication
09	BTM 509	Internet Marketing
10	BTM 510	Marketing Channel Management

B.Tech + MBA : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 601	Retail Marketing
02	BTM 602	Rural Marketing
03	BTM 603	Sales Management
04	BTM 604	Services Marketing
05	BTM 605	Strategic Brand Management
06	BTM 606	Operations Management in Services
07	BTM 607	Logistics Management
08	BTM 608	Lean Six Sigma
09	BTM 609	Supply Chain Management
10	BTM 610	Total Quality Management

B.Tech + MBA : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 701	Management Consulting
02	BTM 702	Personality Development and Business Etiquette
03	BTM 703	Numerical Methods and Applications
04	BTM 704	Operations Research
05	BTM 705	Machine Drawing
06	BTM 706	Basic Thermodynamics
07	BTM 707	Strength of Materials
08	BTM 708	Manufacturing Technology
09	BTM 709	Numerical Methods and Applications Lab
10	BTM 710	Strength of Materials Lab

B.Tech + MBA : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 801	Manufacturing Technology Lab
02	BTM 802	Management Practices & Organizational Behaviour
03	BTM 803	Measurement Science and Techniques
04	BTM 804	Theory of Machines
05	BTM 805	Fluid Mechanics
06	BTM 806	Applied Thermodynamics
07	BTM 807	Machine Design-I
08	BTM 808	Measurement Science and Techniques Lab
09	BTM 809	Fluid Mechanics Lab
10	BTM 810	Applied Thermodynamics Lab

B.Tech + MBA : IX Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 901	Visual Programming using VB.Net
02	BTM 902	Machine Design – II
03	BTM 903	Dynamics of Machines
04	BTM 904	Heat and Mass Transfer
05	BTM 905	Industrial Metallurgy and Materials
06	BTM 906	Industrial Engineering
07	BTM 907	Visual Programming using VB.Net Lab
08	BTM 908	Dynamics of Machines Lab
09	BTM 909	Heat and Mass Transfer Lab
10	BTM 910	Summer Training & Open Elective

B.Tech + MBA : X Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTM 1001	Computer Aided Design
02	BTM 1002	Machining Science
03	BTM 1003	Refrigeration and Air Conditioning
04	BTM 1004	Mechanical Vibrations
05	BTM 1005	Computer Aided Design Lab
06	BTM 1006	Machining Science Lab
07	BTM 1007	Refrigeration and Air Conditioning Lab
08	BTM 1008	Human Resource Development
09	BTM 1009	Industrial Automation & Robotics
10	BTM 1010	Work Study & Methods Engineering

B.Tech + M.Tech + MBA : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 101	Data Analysis and Technical Writing
02	BTMTM 102	Foundations of Knowledge
03	BTMTM 103	Epistemology
04	BTMTM 104	Social and Political Philosophy
05	BTMTM 105	Moral Philosophy
06	BTMTM 106	Foundation of Social Sciences
07	BTMTM 107	Nations & Nationalism
08	BTMTM 108	Philosophy of Natural Sciences
09	BTMTM 109	Contemporary Indian Thought
10	BTMTM 110	Humanities and Technology

B.Tech + M.Tech + MBA : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 201	Humanities and Social Sciences (HSS)
02	BTMTM 202	Belief-Knowledge-Truth Relationship Knowledge & Justification
03	BTMTM 203	Reason vs. Unreason
04	BTMTM 204	Objectivity vs. Subjectivity
05	BTMTM 205	The Relativity Problem Paradigms Philosophy, Science and
06	BTMTM 206	Evolutionary Epistemology vs. Social Epistemology
07	BTMTM 207	Human Diversity: Need for Epistemology
08	BTMTM 208	Epistemology
09	BTMTM 209	Social and Political Philosophy
10	BTMTM 210	Moral Philosophy

B.Tech + M.Tech + MBA : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 301	Foundations of Social Sciences
02	BTMTM 302	Nations and Nationalism
03	BTMTM 303	Modernity and Nationalism
04	BTMTM 304	Moral Psychology of Nationalism
05	BTMTM 305	Nationalism and Liberalism
06	BTMTM 306	Self-Determination
07	BTMTM 307	Philosophy of Natural Sciences
08	BTMTM 308	Philosophical Foundations of Science
09	BTMTM 309	Contemporary Indian Thought
10	BTMTM 310	Humanities and Technology

B.Tech + M.Tech + MBA : IV Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 401	Data Analysis and Technical Writing
02	BTMTM 402	Contemporary Short Fiction
03	BTMTM 403	Black Literary Cultures and the Slave Tradition
04	BTMTM 404	Twentieth Century and the European Novel
05	BTMTM 405	Indian English Fiction
06	BTMTM 406	South Asian Diaspora Literature
07	BTMTM 407	Post-Colonial Theory and Criticism
08	BTMTM 408	Translation Studies
09	BTMTM 409	Advanced Literary Theory
10	BTMTM 410	Communication Fundamentals

B.Tech + M.Tech + MBA : V Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 501	Research Methods in Social Sciences
02	BTMTM 502	Advanced Microeconomics
03	BTMTM 503	Econometrics-I
04	BTMTM 504	Data Analysis and Technical Writing
05	BTMTM 505	Sustainability Studies
06	BTMTM 506	Development Economics
07	BTMTM 507	Environmental and Natural Resource Economics
08	BTMTM 508	Institutional Economics
09	BTMTM 509	Intellectual Property Rights
10	BTMTM 510	Econometrics-II

B.Tech + M.Tech + MBA : VI Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 601	Data Analysis and Technical Writing
02	BTMTM 602	Human Factors and Higher Cognitive Processes
03	BTMTM 603	Psychology & Humanities & Social Sciences
04	BTMTM 604	Human System Interaction
05	BTMTM 605	Cognitive Ergonomics
06	BTMTM 606	Factors Engineering
07	BTMTM 607	Data Analysis and Technical Writing
08	BTMTM 608	Advanced Sociological Theory
09	BTMTM 609	Humanities and Social Sciences
10	BTMTM 610	Topics in Advanced Algorithms

B.Tech + M.Tech + MBA : VII Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 701	Data Mining and Data Warehousing
02	BTMTM 702	Advanced Topics in Database Management Systems
03	BTMTM 703	Cloud Computing and Applications
04	BTMTM 704	Service Oriented Systems
05	BTMTM 705	Cryptography and Network Security
06	BTMTM 706	Systems and Usable Security
07	BTMTM 707	Computer Vision
08	BTMTM 708	Soft Computing
09	BTMTM 709	Electronics Devices and Circuits
10	BTMTM 710	Introduction to Programming

B.Tech + M.Tech + MBA : VIII Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 801	Calculus and Differential Equation
02	BTMTM 802	Engineering Physics
03	BTMTM 803	Circuit Analysis and Synthesis
04	BTMTM 804	Introduction to Computers
05	BTMTM 805	Professional Communication
06	BTMTM 806	Probability and Statistics
07	BTMTM 807	Discrete Mathematics
08	BTMTM 808	Computer Organization and Architecture
09	BTMTM 809	Data Structures
10	BTMTM 810	Digital Electronics

B.Tech + M.Tech + MBA : IX Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 901	Principles of Management
02	BTMTM 902	Mathematics – 2
03	BTMTM 903	Operating System
04	BTMTM 904	Theory of Computation
05	BTMTM 905	Object Oriented Methodologies
06	BTMTM 906	Microprocessors
07	BTMTM 907	Mathematics – 3
08	BTMTM 908	Design and Analysis of Algorithms
09	BTMTM 909	Principles of Programming Languages
10	BTMTM 910	Database Management Systems

B.Tech + M.Tech + MBA : X Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 1001	Principles of Communication
02	BTMTM 1002	Computer Networks
03	BTMTM 1003	Software Engineering
04	BTMTM 1004	Artificial Intelligence
05	BTMTM 1005	Graphics and Visual Computing
06	BTMTM 1006	Principles of Economics
07	BTMTM 1007	Mini Project
08	BTMTM 1008	Compiler Design
09	BTMTM 1009	Image and Video Processing
10	BTMTM 1010	Data Mining and Warehousing

B.Tech + M.Tech + MBA : XI Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 2001	System Modeling and Simulation
02	BTMTM 2002	Organizational Behaviour
03	BTMTM 2003	Philosophy of Science
04	BTMTM 2004	Optimization Techniques
05	BTMTM 2005	Control System Engineering
06	BTMTM 2006	Natural Language Processing
07	BTMTM 2007	Soft Computing
08	BTMTM 2008	Machine Learning - Tools and Techniques
09	BTMTM 2009	Robotics and Industrial Automation
10	BTMTM 2010	Network Security

B.Tech + M.Tech + MBA : XII Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BTMTM 3001	Computer Vision
02	BTMTM 3002	Image Processing
03	BTMTM 3003	Parallel Computing
04	BTMTM 3004	Wireless Sensor Networks
05	BTMTM 3005	Information Retrieval System
06	BTMTM 3006	Cryptography and Information Security
07	BTMTM 3007	Mobile Data Management
08	BTMTM 3008	Speech and Language Technologies
09	BTMTM 3009	Radar and Satellite Communication
10	BTMTM 3010	Mobile Software Engineering

Diploma + B.Tech : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 101	Introduction to Mechanical Engineering
02	DBT 102	Engineering Graphics
03	DBT 103	Mechanical Workshop
04	DBT 104	Calculus and Differential Equations
05	DBT 105	Computer Programming
06	DBT 106	Physics
07	DBT 107	ICT Tools and Cyber Security
08	DBT 108	Linear Algebra
09	DBT 109	Environmental Studies
10	DBT 110	Chemistry

Diploma + B.Tech : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 201	English Communication
02	DBT 202	Law and Engineering
03	DBT 203	Design Thinking
04	DBT 204	Elements of Electrical and Electronics Engineering.
05	DBT 205	Electrical Workshop
06	DBT 206	Kinematics
07	DBT 207	Thermodynamics
08	DBT 208	Material Technology
09	DBT 209	Manufacturing Processes I
10	DBT 210	Industrial Drafting and Machine Design

Diploma + B.Tech : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 301	Economics For Engineers
02	DBT 302	Ethics & Values
03	DBT 303	Community Services
04	DBT 304	Electrical Technology
05	DBT 305	Dynamics of Machinery I
06	DBT 306	Metrology and Instrumentation
07	DBT 307	Mathematics for Mechanical Engineering
08	DBT 308	Manufacturing Processes II
09	DBT 309	Fluid Mechanics
10	DBT 310	ICT Tools and Security

Diploma + B.Tech : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 401	Entrepreneurship
02	DBT 402	Dynamics of Machinery- II
03	DBT 403	Power Plant Engineering
04	DBT 404	Fluid Power Engineering
05	DBT 405	Heat and Mass Transfer
06	DBT 406	Control Engineering
07	DBT 407	Mini Project – I
08	DBT 408	Department Elective I
09	DBT 409	Creativity and Innovation
10	DBT 410	Fractional Course

Diploma + B.Tech : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 501	Production Technology
02	DBT 502	Machine Design I
03	DBT 503	Thermal Engineering
04	DBT 504	Mini Project – II
05	DBT 505	Department Elective II
06	DBT 506	Law for Engineers
07	DBT 507	Capston Course (Mechanical Engineering)
08	DBT 508	Computer Aided Design
09	DBT 509	Machine Design II
10	DBT 510	Production and Industrial Management

Diploma + B.Tech : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 601	Computer aided Manufacturing
02	DBT 602	Minor Project
03	DBT 603	Department Elective IV
04	DBT 604	Organizational Behavior
05	DBT 605	Fluid Mechanics
06	DBT 606	Thermodynamics
07	DBT 607	Mathematics
08	DBT 608	Mechanics of Deformable Bodies
09	DBT 609	Computer Graphics & Solid Modelling
10	DBT 610	Electrical Machines

Diploma + B.Tech : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 701	Graphics Laboratory – I
02	DBT 702	Manufacturing Process Laboratory
03	DBT 703	Electrical Machines Laboratory
04	DBT 704	Fluid Machinery
05	DBT 705	Engineering Thermodynamics
06	DBT 706	Measurements and Instrumentation
07	DBT 707	Analysis and Synthesis of Linkages and Machines
08	DBT 708	Materials Science and Technology
09	DBT 709	Manufacturing Technology
10	DBT 710	Fluid Mechanics and Fluid Machinery Laboratory

Diploma + B.Tech : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 801	Measurements and Instrumentation Laboratory
02	DBT 802	Manufacturing Technology Laboratory
03	DBT 803	Graphics Laboratory – II
04	DBT 804	Technical Report Writing & & Language Practice Laboratory
05	DBT 805	I.C. Engine and Steam Turbine
06	DBT 806	Heat Transfer
07	DBT 807	Design of Machine Elements
08	DBT 808	Technology of Machining
09	DBT 809	Environmental Management
10	DBT 810	Thermal Engineering Laboratory

Diploma + B.Tech : IX Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 901	Design Practice – I
02	DBT 902	Manufacturing Technology Laboratory
03	DBT 903	Strength of Materials Laboratory
04	DBT 904	Automation, CNC Machines and Robotics
05	DBT 905	Mechatronics and Modern Control
06	DBT 906	Energy Conversion and Management
07	DBT 907	Design of Mechanical Systems
08	DBT 908	Dynamics of Machines
09	DBT 909	Mechatronics and Modern Control Laboratory
10	DBT 910	Design Practice – II

Diploma + B.Tech : X Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 1001	Dynamics of Machines Laboratory
02	DBT 1002	Thermal Engineering LaboratoryII
03	DBT 1003	Advanced Manufacturing Technology
04	DBT 1004	Advances in Materials Processing
05	DBT 1005	Operations Research and Industrial Management
06	DBT 1006	Ethics in Engineering Profession
07	DBT 1007	Engineering Economy & Financial Management
08	DBT 1008	CAD – CAM Laboratory
09	DBT 1009	Industrial Engineering
10	DBT 1010	Industrial Engineering Laboratory

Diploma + B.Tech : XI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 2001	Project / Thesis with defence of project
02	DBT 2002	Participation in Institutional Activities
03	DBT 2003	Comprehensive Viva-Voce
04	DBT 2004	Computational Heat Transfer
05	DBT 2005	Combustion Engineering
06	DBT 2006	Reliability Engineering & Plant Maintenance
07	DBT 2007	Tribology and Terotechnology
08	DBT 2008	Non-conventional Energy Sources
09	DBT 2009	Finite Element Method and its Application
10	DBT 2010	Experimental Stress Analysis

Diploma + B.Tech : XII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBT 3001	Automotive Engineering
02	DBT 3002	Robotics and Robot Applications
03	DBT 3003	Management Information Systems
04	DBT 3004	Energy Management & Auditing
05	DBT 3005	Refrigeration and Airconditioning
06	DBT 3006	Optoelectronics and Laser Material Processing
07	DBT 3007	Gas Turbine Theory
08	DBT 3008	Computer Integrated Manufacturing
09	DBT 3009	Information Technology
10	DBT 3010	Mechanics of Composite Materials

Diploma+ B.Tech + M.Tech : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 101	Biochemical Engineering and Biotechnology
02	DBTMT 102	Chemical Engineering
03	DBTMT 103	Computer Science and Engineering
04	DBTMT 104	Civil Engineering
05	DBTMT 105	Electrical Engineering
06	DBTMT 106	Electrical Engineering (Power and Automation)
07	DBTMT 107	Mathematics & Computing
08	DBTMT 108	Mechanical Engineering
09	DBTMT 109	Mechanical Engineering
10	DBTMT 110	Engineering Physics

Diploma+ B.Tech + M.Tech : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 201	Textile Engineering
02	DBTMT 202	Textile Engineering
03	DBTMT 203	Molecular Engineering : Chemical Synthesis & Analysis
04	DBTMT 204	Geotechnical and Geoenvironmental Engineering
05	DBTMT 205	Rock Engineering and Underground Structures
06	DBTMT 206	Structure Engineering
07	DBTMT 207	Water Resources Engineering
08	DBTMT 208	Construction Engineering and Management
09	DBTMT 209	Construction Technology and Management
10	DBTMT 210	Environmental Engineering and Management

Diploma+ B.Tech + M.Tech : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 301	Transportation Engineering
02	DBTMT 302	Computer Science and Engineering
03	DBTMT 303	Communications Engineering
04	DBTMT 304	Computer Technology
05	DBTMT 305	Control and Automation
06	DBTMT 306	Integrated Electronics and Circuits
07	DBTMT 307	Power Electronics, Electrical Machines and Drives
08	DBTMT 308	Power Systems
09	DBTMT 309	Mechanical Design
10	DBTMT 310	Industrial Engineering

Diploma+ B.Tech + M.Tech : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 401	Production Engineering
02	DBTMT 402	Thermal Engineering
03	DBTMT 403	Applied Optics
04	DBTMT 404	Solid State Materials
05	DBTMT 405	Fibre Science & Technology
06	DBTMT 406	Textile Engineering
07	DBTMT 407	Textile Chemical Processing
08	DBTMT 408	Radio Frequency Design and Technology
09	DBTMT 409	Atmospheric-Oceanic Science and Technology
10	DBTMT 410	Biomedical Engineering

Diploma+ B.Tech + M.Tech : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 501	Energy Studies
02	DBTMT 502	Industrial Tribology and Maintenance Engineering
03	DBTMT 503	Instrument Technology
04	DBTMT 504	Optoelectronics and Optical Communication
05	DBTMT 505	Polymer Science and Technology
06	DBTMT 506	Telecommunication Technology Management
07	DBTMT 507	VLSI Design Tools and Technology
08	DBTMT 508	Applied Mechanics
09	DBTMT 509	Bharti School of Telecommunication Technology and Management
10	DBTMT 510	Master of Design in Industrial Design

Diploma+ B.Tech + M.Tech : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 601	Institute Core
02	DBTMT 602	Programme Linked EAS/BS
03	DBTMT 603	Departmental core
04	DBTMT 604	Departmental Elective
05	DBTMT 605	Open Category
06	DBTMT 606	Non-graded Core
07	DBTMT 607	Continuation of registration
08	DBTMT 608	Restart (Once only)/Termination of registration
09	DBTMT 609	Biochemical Engineering and Biotechnology
10	DBTMT 610	General Chemistry

Diploma+ B.Tech + M.Tech : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 701	Chemistry Laboratory
02	DBTMT 702	Linear Algebra and Differential Equations
03	DBTMT 703	Electromagnetic Waves and Quantum Mechanics
04	DBTMT 704	Physics Laboratory
05	DBTMT 705	Introductory Biology for Engineers
06	DBTMT 706	Engineering Mechanics
07	DBTMT 707	Introduction to Computer Science
08	DBTMT 708	Environmental Science
09	DBTMT 709	Introduction to Electrical Engineering
10	DBTMT 710	Engineering Visualization

Diploma+ B.Tech + M.Tech : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 801	Product Realization through Manufacturing
02	DBTMT 802	Introduction to Materials Science and Engineering
03	DBTMT 803	Transport Phenomena
04	DBTMT 804	Differential Equations
05	DBTMT 805	Courses from Humanities & Social Sciences
06	DBTMT 806	Principles of Biochemistry
07	DBTMT 807	General Microbiology
08	DBTMT 808	General Microbiology
09	DBTMT 809	Molecular Biology and Genetics
10	DBTMT 810	Bioprocess Engineering

Diploma+ B.Tech + M.Tech : IX Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 901	Management offered under this category
02	DBTMT 902	Bioprocess Engineering Laboratory
03	DBTMT 903	Bioprocess Technology
04	DBTMT 904	Fluid Solid Systems
05	DBTMT 905	Enzyme Science and Engineering
06	DBTMT 906	Bioinformatics
07	DBTMT 907	Major Project Part-I (BB1)
08	DBTMT 908	Bioseparation Engineering
09	DBTMT 909	Bioprocess Plant Design
10	DBTMT 910	Recombinant DNA Technology

Diploma+ B.Tech + M.Tech : X Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 1001	Chemical Reaction Engineering-I
02	DBTMT 1002	Fluid Mechanics for Chemical Engineers
03	DBTMT 1003	Heat Transfer for Chemical Engineers
04	DBTMT 1004	Process Dynamics and Control
05	DBTMT 1005	Chemical Engineering Laboratory-I
06	DBTMT 1006	Chemical Engineering Laboratory-II
07	DBTMT 1007	Environmental Biotechnology
08	DBTMT 1008	Physical and Chemical Properties of Biomolecules
09	DBTMT 1009	Carbohydrates and Lipids in Biotechnology
10	DBTMT 1010	Special Module in Biochemical Engineering and Biotechnology

Diploma+ B.Tech + M.Tech : XI Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 2001	Food Science and Engineering
02	DBTMT 2002	Immunology
03	DBTMT 2003	Modeling and Simulation of Bioprocesses
04	DBTMT 2004	Advanced Bioprocess Control
05	DBTMT 2005	Membrane Applications in Bioprocessing
06	DBTMT 2006	Biophysics
07	DBTMT 2007	Enzyme Catalyzed Organic Synthesis
08	DBTMT 2008	Materials of Construction
09	DBTMT 2009	Metabolic Regulation and Engineering
10	DBTMT 2010	Genomics and Proteomics

Diploma+ B.Tech + M.Tech : XII Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 3001	Dynamics of Microbial Systems
02	DBTMT 3002	instrumentation and Analytical Methods in Bioengineering
03	DBTMT 3003	Plant Cell Technology
04	DBTMT 3004	Protein Science and Engineering
05	DBTMT 3005	Biological Waste Treatment
06	DBTMT 3006	High Resolution Methods in Biotechnology
07	DBTMT 3007	Animal Cell Technology
08	DBTMT 3008	Combinatorial Biotechnology
09	DBTMT 3009	Current Topics in Biochemical Engineering and Biotechnology
10	DBTMT 3010	Bio nanotechnology

Diploma+ B.Tech + M.Tech : XIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 4001	Data Analysis for DNA Microarrays
02	DBTMT 4002	Cancer Cell Biology
03	DBTMT 4003	Genome Engineering
04	DBTMT 4004	Biomass Conversion and Utilization
05	DBTMT 4005	Engineering Arts and Science
06	DBTMT 4006	Humanities and Social Sciences
07	DBTMT 4007	Environmental Biotechnology
08	DBTMT 4008	Physical and Chemical
09	DBTMT 4009	Properties of Biomolecules
10	DBTMT 4010	Carbohydrates and Lipids in Biotechnology

Diploma+ B.Tech + M.Tech : XIV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DBTMT 5001	Special Module in Biochemical
02	DBTMT 5002	Engineering and Biotechnology
03	DBTMT 5003	Food Science and Engineering
04	DBTMT 5004	Modeling and Simulation of Bioprocesses
05	DBTMT 5005	Advanced Bioprocess Control
06	DBTMT 5006	Membrane Applications in Bioprocessing
07	DBTMT 5007	Enzyme Catalyzed Organic Synthesis
08	DBTMT 5008	Protein Science and Engineering
09	DBTMT 5009	Biomass Conversion and Utilization
10	DBTMT 5010	Materials of Constructio

FACULTY OF COMPUTER SCIENCE

Bachelor Computer Application : I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
03	BCA 103	Computer Fundamental & Office Automation
04	BCA 104	Programming Principle & Algorithm
05	BCA 105	Principle of Management
06	BCA 106	Business Communication
07	BCA 107	Mathematics
08	BCA 108	Office Automation Lab
09	BCA 109	Programming Lab

Bachelor Computer Application : II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 201	'C' Programming
02	BCA 202	Digital Electronics & Computer Organization
03	BCA 203	Organization Behavior
04	BCA 204	Financial Accounting & Management
05	BCA 205	Mathematics-II
06	BCA 206	'C' Programming Lab
07	BCA 207	Computer Organization Lab

Bachelor Computer Application : III Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 301	Object Oriented Programming with 'C++
02	BCA 302	Data Structure Using 'C'
03	BCA 303	Computer Architecture & Assembly Language
04	BCA 304	Business Economics
05	BCA 305	Mathematics-III
06	BCA 306	Object Oriented Programming with 'C++ Lab
07	BCA 307	Data Structure Using 'C' Lab

Bachelor Computer Application : IV Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 401	Introduction to Computer Graphics & Multimedia
02	BCA 402	Operating System
03	BCA 403	Software Engineering
04	BCA 404	Optimization Techniques
05	BCA 405	Elements of Statistics
06	BCA 406	Computer Graphics
07	BCA 407	Operating System

Bachelor Computer Application : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 501	Introductions to DBMS
02	BCA 502	Java Programming & dynamic web page design
03	BCA 503	Introduction Computer Networks
04	BCA 504	Numerical Methods
05	BCA 505	DBMS Lab
06	BCA 506	JAVA Lab
07	BCA 507	Summer Training

Bachelor Computer Application : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 601	Computer Network Security
02	BCA 602	E-Commerce
03	BCA 603	Major Project
04	BCA 604	Colloquium
06	BCA 605	Software Lab VII
05	BCA 606	Network and information Security
07	BCA 607	Theory of Computation
08	BCA 608	Distributed System

Master Computer Application : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 101	Introduction to Programming
02	BCA 102	Digital Systems
03	BCA 103	Management Information Systems
04	BCA 104	Mathematical Foundations I
05	BCA 105	Mathematical Foundations II
06	BCA 107	Digital Logic Lab
07	BCA 108	Communication Skills and Language Lab
08	BCA 109	Application Software Lab

Master Computer Application : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 201	Numerical methods
02	BCA 202	Data and File Structure
03	BCA 203	Microprocessors and Assembly Language
04	BCA 204	Computer Organization and Architecture
05	BCA 205	Software Project Management
06	BCA 206	Numerical Methods Lab
07	BCA 207	Data and File Structure Lab & Microprocessor Lab

Master Computer Application : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 301	Operating Systems
02	BCA 302	Object Oriented Programming
03	BCA 303	Optimization Techniques
04	BCA 304	Graph theory and Combinatorics
05	BCA 305	Software Engineering
06	BCA 306	Operating Sysytem Lab
07	BCA 307	Object Oriented Programming Lab
08	BCA 308	Software Engineering Lab

Master Computer Application : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCA 401	Database Management Systems
02	BCA 402	Computer Graphics
03	BCA 403	Data Communication and Computer Networks
04	BCA 404	Theory of Computing
05	BCA 405	Design and Analysis of Algorithms
06	BCA 406	Database Management Systems Lab
07	BCA 407	Computer graphics lab
08	BCA 408	Computer Networks Lab

Master Computer Application Lateral Entry : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCALE 101	Mathematical Foundation of Computer Science
02	MCALE 102	Accounting & Financial Management
03	MCALE 103	Programming in 'C'
04	MCALE 104	Digital Principles and Computer Organization
05	MCALE 105	Communication Skills
06	MCALE 106	Graph Theory
07	MCALE 107	Software Engineering
08	MCALE 108	Relational Database Management System
09	MCALE 109	Other Oriented Programming and C++ Language
10	MCALE 110	Micro Processor & Introduction to Embedded Systems

Master Computer Application Lateral Entry : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCALE 201	Optimization Techniques
02	MCALE 202	Computer Graphics
03	MCALE 203	System Analysis And Design
04	MCALE 204	Computer Networks
05	MCALE 205	Data Structure using C++
06	MCALE 206	Computer Based Numerical Methods
07	MCALE 207	Java Programming
08	MCALE 208	Operating Systems
09	MCALE 209	Elective Neural Networks
10	MCALE 210	Elective-Client Server Technology

Master Computer Application Lateral Entry : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCALE 301	Web Technology
02	MCALE 302	Principles of Management and Organisational Behaviour
03	MCALE 303	Network Programming
04	MCALE 304	Elective Visual Programming Concepts in Visual C++
05	MCALE 305	Elective-Data Mining and Data Warehousing
06	MCALE 306	Software Engineering
07	MCALE 307	Artificial Intelligence
08	MCALE 308	Discrete Mathematics
09	MCALE 309	Programming in Java
10	MCALE 310	Computer Graphics

Master Computer Application Lateral Entry : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCALE 401	Web Technology
02	MCALE 402	Computerized Financial Accounting
03	MCALE 403	Computer Architecture
04	MCALE 404	Dot Net Framework (Using C#)
05	MCALE 405	RDBMS (Oracle)
06	MCALE 406	Data Mining
07	MCALE 407	ERP System
08	MCALE 408	Practical Based on ASP.NET (C#)
09	MCALE 409	Practical Based on Java
10	MCALE 410	Practical Based on Web Technology

Integrated MCA (BCA+MCA) : I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 101	Fundamentals of Computer & C Programming
02	IMBM 102	Communication Skill
03	IMBM 103	Basic Electronics
04	IMBM 104	Digital Logic
05	IMBM 105	Mathematics-I
06	IMBM 106	Fundamentals of Computer & C Programming

Integrated MCA (BCA+MCA) : II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 201	Mathematics-II
02	IMBM 202	Principles of Management
03	IMBM 203	Environmental Studies
04	IMBM 204	Data Structure with C
05	IMBM 205	Computer Organization & Architecture
06	IMBM 206	Data Structure with C Laboratory

Integrated MCA (BCA+MCA) : III Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 301	Mathematics-III
02	IMBM 302	Operating System
03	IMBM 303	Organizational Behavior
04	IMBM 304	Object Oriented Programming with Java
05	IMBM 305	Operating System Laboratory
06	IMBM 306	Object Oriented Programming with Java Laboratory

Integrated MCA (BCA+MCA) : IV Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 401	Microprocessors
02	IMBM 402	Database Management System
03	IMBM 403	Formal Language & Automata Theory
04	IMBM 404	Human Resource Management
05	IMBM 405	Database Management System Laboratory
06	IMBM 406	Microprocessors Laboratory

Integrated MCA (BCA+MCA) : V Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 501	Numerical Methods
02	IMBM 502	Data Communication & Networks
03	IMBM 503	Web Technology
04	IMBM 504	Software Engineering
05	IMBM 505	Computer Networks Laboratory
06	IMBM 506	Web Technology Laboratory

Integrated MCA (BCA+MCA) : VI Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 601	Graph Theory
02	IMBM 602	Artificial intelligence
03	IMBM 603	Cryptography and Network Security
04	IMBM 604	Design and Analysis of Algorithm
05	IMBM 605	Algorithm Laboratory
06	IMBM 606	Seminar

Integrated MCA (BCA+MCA) : VII Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 701	Operation Research
02	IMBM 702	Mobile and Wireless Communication
03	IMBM 703	Compiler Design
04	IMBM 704	Compiler Design Laboratory
05	IMBM 705	Operation Research Laboratory
06	IMBM 706	Fundamentals of Computer & C Programming
07	IMBM 707	Computer Organization & Architecture

Integrated MCA (BCA+MCA) : VIII Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 801	Object Oriented System Design
02	IMBM 802	Advanced Web Technology
03	IMBM 803	Neural Networks and Applications
04	IMBM 804	Computer Graphics
05	IMBM 805	Digital Image Processing
06	IMBM 806	Embedded Systems
07	IMBM 807	Object Oriented Programming with Java
08	IMBM 808	Operating System Laboratory

Integrated MCA (BCA+MCA) : IX Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 901	Mobile Computing
02	IMBM 902	Document Processing and Retrieval
03	IMBM 903	VLSI System Design
04	IMBM 904	Data Mining
05	IMBM 905	Computer Vision
06	IMBM 906	Database Management System Laboratory
07	IMBM 907	Human Resource Management

Integrated MCA (BCA+MCA) : X Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	IMBM 1001	Fuzzy Logic and Applications
02	IMBM 1002	Advanced Programming Language
03	IMBM 1003	Soft Computing
04	IMBM 1004	Semantic Web Technology
05	IMBM 1005	Cryptology
06	IMBM 1006	Information and Coding Theory
07	IMBM 1007	Microprocessors Laboratory

B.Sc.I.T. : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCIT 101	Technical Communication Skill
02	BSCIT 102	Problem Solving Methodologies & Programming in C
03	BSCIT 103	Computer Fundamentals and Emerging Technology
04	BSCIT 104	Networking and Internet Environment
05	BSCIT 105	Software Developer
06	BSCIT 106	Data Structure Using C Language

B.Sc.I.T. II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCIT 201	Data Structure Using C Language I
02	BSCIT 202	Web Programming
03	BSCIT 203	Computer Organization and Architecture
04	BSCIT 204	Mathematical & Statistical Foundation of Computer Science
05	BSCIT 205	Technical Sales Representative
06	BSCIT 206	Web Designer

B.Sc.I.T. III Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCIT 301	SAD, Software Quality Assurance & Testing
02	BSCIT 302	C++ and Object oriented Programming
03	BSCIT 303	RDBMS Using Oracle
04	BSCIT 304	Content Management System Using Joomla
05	BSCIT 305	IT Support Analyst
06	BSCIT 306	Network Engineer

B.Sc .Computer Science : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCCS 101	Programming with Java
02	BSCCS 102	Programming with C#
03	BSCCS 103	Network Technology & Administration
04	BSCCS 104	Operating Systems Concepts With Unix/Linux
05	BSCCS 105	Quality Assurance Analysts
06	BSCCS 106	Application Analyst

B.Sc .Computer Science : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCCS 201	CS-25. Programming with C#.NET
02	BSCCS 202	Advanced Java Programming
03	BSCCS 203	Software Testing and Project Management
04	BSCCS 204	Systems Analyst
05	BSCCS 205	Project Development
06	BSCCS 206	IT Consultant
07	BSCCS 207	Descriptive Statistics & Probability Distributions

B.Sc .Computer Science : III Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCCS 301	Programming with ASP.NET
02	BSCCS 302	MS SQL Server 2005 Database Administration
03	BSCCS 303	Network Management and Information Security
04	BSCCS 304	Practical on CS-30
05	BSCCS 305	Project Development
06	BSCCS 306	Pc Software & Programming in C
07	BSCCS 307	Object Oriented Programming with Java & Data Structures

M.Sc.I.T : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCIT 101	Industrial Management
02	MSCIT 102	Analysis and Design of Algorithms
03	MSCIT 103	Advanced Operating System
04	MSCIT 104	Visual Programming
05	MSCIT 105	Analysis and Design of Algorithms(Lab)
06	MSCIT 106	Visual Programming (Lab)

M.Sc.I.T : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCIT 201	Software Quality And Testing
02	MSCIT 202	Advanced Networks
03	MSCIT 203	OOAD and UML
04	MSCIT 204	Advanced Java
05	MSCIT 205	OOAD and UML Lab
06	MSCIT 206	Advanced Java Lab

M.Sc. computer Science : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCCS 101	Project Management
02	MSCCS 102	Client server Computing
03	MSCCS 103	Project Synopsis
04	MSCCS 104	Distributed Database
05	MSCCS 105	Component Technologies
06	MSCCS 106	E-Commerce
07	MSCCS 107	Data Warehousing/ Data Mining

M.Sc. computer Science : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCCS 201	Cyber Laws
02	MSCCS 202	Application Server
03	MSCCS 203	Internet Programming
04	MSCCS 204	Mobile Computing
05	MSCCS 205	Linux Internals
06	MSCCS 206	Embedded Systems
07	MSCCS 207	Pattern Recognition
08	MSCCS 208	Multimedia Computing
09	MSCCS 209	Computer Cognition
10	MSCCS 210	Image Processing

M.Sc. Computer Science (Lateral Entry) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCALE 101	Mathematical Foundation of Computer Science
02	MCALE 102	Accounting & Financial Management
03	MCALE 103	Digital Principles and Computer Organization
04	MCALE 104	Relational Database Management System
05	MCALE 105	Other Oriented Programming and C++ Language
06	MCALE 106	Micro Processor & Introduction to Embedded Systems
07	MCALE 107	Data Structure using C++
08	MCALE 108	Java Programming
09	MCALE 109	Principles of Management and Organisational Behaviour
10	MCALE 110	Network Programming

Diploma in Computer Application (DCA) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DCA 101	Fundamentals of Computer
02	DCA 102	Operating System and Application Program
03	DCA 103	Programming Language
04	DCA 104	Practical on C Programming and Application Program
05	DCA 105	Practical on Application Program
06	DCA 106	Data Base Management System
07	DCA 107	Visual Basics (VB)
08	DCA 108	Internet and Web Page Designing

Application (PGDCA) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PGDCA 101	Computer Fundamentals
02	PGDCA 102	Programing in C++
03	PGDCA 103	Computer Operating System
04	PGDCA 104	RelationalDatabase Management System
05	PGDCA 105	Communication and Soft Skills
06	PGDCA 106	Computer Fundamental Lab
07	PGDCA 107	Programmming in C++ Lab
08	PGDCA 108	RDBMS Lab
09	PGDCA 109	Programming in JAVA
10	PGDCA 110	Web Technologies
11	PGDCA 111	Software Engineering
12	PGDCA 112	Data Communication and Networks
13	PGDCA 113	JAVA LAB
14	PGDCA 114	Web Technology Lab

FACULTY OF MANAGEMENT

BBA : I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBA 101	Business Organisation
02	BBA 102	Business Accounting
03	BBA 103	Managerial Economics-I
04	BBA 104	Business Mathematics-I
05	BBA 105	Hindi
06	BBA 106	Computer Fundamentals
07	BBA 107	Seminar

BBA : II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBA 201	Principles of Management
02	BBA 202	Analysis of Financial Statements
03	BBA 203	Managerial Economics-II
04	BBA 204	Understanding Social Behaviour
05	BBA 205	Business Mathematics-II
06	BBA 206	Business Communication-I
07	BBA 207	Viva-Voce

BBA : III Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBA 301	Understanding Human Behaviour
02	BBA 302	Micro Business Environment
03	BBA 303	Business Statistics-I
04	BBA 304	Management Accounting
05	BBA 305	Fundamentals of DBMS and ORACLE
06	BBA 306	Business Communication-II
07	BBA 307	Seminar

BBA : IV Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBA 401	Human Behaviour at work
02	BBA 402	Macro Business Environment
03	BBA 403	Business Statistics-II
04	BBA 404	Marketing Management
05	BBA 405	Financial Management
06	BBA 406	Principles of Material Management

BBA : V Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BBA 501	Business Laws-I
02	BBA 502	Principles of Retailing
03	BBA 503	Principles of Banking
04	BBA 504	Fundamentals of E-Commerce
05	BBA 505	Export Procedure and Documentation
06	BBA 506	Principles of Production Management
07	BBA 507	Viva-Voce
08	BBA 508	Training Report

BBA : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BBA 601	Entrepreneurship Development
02	BBA 602	Business Laws-II
03	BBA 603	Logistic Management
04	BBA 604	Principles of Insurance
05	BBA 605	Introduction to Financial Services
06	BBA 606	Viva –Voce

Integrated MBA (BBA + MBA) : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 101	Principles & Practices of Management
02	IBM 102	Business Economics-I
03	IBM 103	Business Mathematics
04	IBM 104	Introduction to IT
05	IBM 105	Financial Accounting
06	IBM 106	Personality Development & Communication Skills-I
07	IBM 107	Environment Science and Ecology
08	IBM 108	IT Lab
09	IBM 109	Case study lab (Financial Accounting)
10	IBM 110	Co-Curricular Activities

Integrated MBA (BBA + MBA) : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 201	Business Organization
02	IBM 202	Business Economics-II
03	IBM 203	Quantitative Techniques and Operations Research in Management
04	IBM 204	Data Base Management System
05	IBM 205	Cost Accounting
06	IBM 206	Personality Development & Communication Skills-II
07	IBM 207	DBMS Lab
08	IBM 208	Case Study Lab(Cost Accounting)
09	IBM 209	Entrepreneurial & Professional Skills
10	IBM 210	Co-curricular Activities

Integrated MBA (BBA + MBA) : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 301	Organizational Behaviour
02	IBM 302	Indian Economy
03	IBM 303	Marketing Management
04	IBM 304	Management Accounting
05	IBM 305	Personality Development and Communication Skills- III Minor Project Report
06	IBM 306	Case Study lab (Marketing Management)
07	IBM 307	Case Study lab (Organizational Communication)
08	IBM 308	Co-curricular Activities

Integrated MBA (BBA + MBA) : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 401	Human Resource Management
02	IBM 402	Business Environment
03	IBM 403	Marketing Research
04	IBM 404	Computer Applications-II
05	IBM 405	Business Laws
06	IBM 406	Taxation Law
07	IBM 407	Case Study Lab (Human Resource Management)
08	IBM 408	Computer Application Lab- II
09	IBM 409	Co-Curricular Activities
10	IBM 410	Case Study Lab (Marketing Research)

Integrated MBA (BBA + MBA) : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 501	Values & Ethics in Business
02	IBM 502	Sales Management
03	IBM 503	Production & Operations Management
04	IBM 504	Management Information System
05	IBM 505	Financial Management
06	IBM 506	Case Study Lab- Sales Management
07	IBM 507	Summer Training Report & Viva Voice

Integrated MBA (BBA + MBA) : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 601	Business Policy & Strategy
02	IBM 602	Project Planning & Evaluation
03	IBM 603	Entrepreneurship Development
04	IBM 604	International Business Management
05	IBM 605	Project Report and Viva-Voce
06	IBM 606	Case Lab-Business Policy & Strategy
07	IBM 607	Case Lab –Entrepreneurship Development

Integrated MBA (BBA + MBA) : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 701	Strategic Management
02	IBM 702	Knowledge Management
03	IBM 703	Finance & Accounting
04	IBM 704	Fundamental of International Business
05	IBM 705	Principles of Research Methodology
06	IBM 706	Management Information System
07	IBM 707	Minor Project
08	IBM 708	Seminar
09	IBM 709	Co-Curricular Activities

Integrated MBA (BBA + MBA) : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	IBM 801	Managerial Communication
02	IBM 802	E-Commerce
03	IBM 803	Specialization Elective 1 (Major)
04	IBM 806	Specialization Elective 1 (Minor)
05	IBM 807	Dissertation and SPSS
06	IBM 808	Co-Curricular Activities

MBA : I Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MBA 101	Management Theory and Practice
02	MBA 102	Managerial Economics
03	MBA 103	Accounting For Managers
04	MBA 104	Organisational Behaviour
05	MBA 105	Strategic Management
06	MBA 106	Enterprise Performance Management
07	MBA 107	Start-up and New Venture Management

MBA : II Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MBA 201	Marketing Management
02	MBA 202	Human Resource Management
03	MBA 203	Operations Management
04	MBA 204	Financial Management
05	MBA 205	Business Research Methods
06	MBA 206	Marketing Management

MBA : III Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MBA 301	Business Environment and Law
02	MBA 302	Operations Research
03	MBA 303	Summer Project Report
04	MBA 304	Strategic Management
05	MBA 305	Entrepreneurship Development
06	MBA 306	Marketing Management

MBA : IV Semester**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MBA 401	Merchant Banking and Financial Services
02	MBA 402	Security Analysis And Portfolio Management
03	MBA 403	Working Capital Management
04	MBA 404	Marketing Communications
05	MBA 405	Consumer Behaviour
06	MBA 406	Accounting for Business Decisions
07	MBA 407	Economic Analysis for Business Decisions

MBA – Executive : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MBAE 101	Organisational Development
02	MBAE 102	Human Resource Development
03	MBAE 103	Labour Laws
04	MBAE 104	Software Engineering
05	MBAE 105	Enterprise Resource Planning
06	MBAE 106	E-Commerce Technology And Management
07	MBAE 107	Fundamentals of Financial Management
08	MBAE 108	Introduction to Operations Management

MBA – Executive : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MBAE 201	Financial Services and Markets
02	MBAE 202	International Trade Finance
03	MBAE 203	Services Marketing
04	MBAE 204	Retail Management
05	MBAE 205	Performance Management
06	MBAE 206	Industrial Relations
07	MBAE 207	Information Technology for Management
08	MBAE 208	Data Communication and Networks

FACULTY OF PHARMACY

D-Pharmacy : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FDP 101	Pharmaceutics-I
02	FDP 102	Pharmaceutical Chemistry-I
03	FDP 103	Pharmacognosy
04	FDP 104	Biochemistry & Clinical Pathology
05	FDP 105	Human Anatomy & Physiology
06	FDP 106	Health Education & Community Pharmacy

D-Pharmacy : 2 Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FDP 201	Pharmaceutics-II
02	FDP 202	Pharmaceutical Chemistry-I
03	FDP 203	Pharmacology & Toxicology
04	FDP 204	Pharmaceutical Jurisprudence
05	FDP 205	Drug Store & Business Management
06	FDP 206	Hospital & Clinical Pharmacy

B-Pharmacy : I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 101	Pharmaceutical Analysis-I
02	FBP 102	Remedial Mathematics/ Biology
03	FBP 103	Pharmacognosy-I
04	FBP 104	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)
05	FBP 105	Basic Electronics & Computer Applications
06	FBP 106	Pharmaceutical Chemistry – II
07	FBP 107	Titrimetric Methods Of Pharmaceutical Analysis

B-Pharmacy : II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 201	Pharmaceutics –I (Physical Pharmacy)
02	FBP 202	Advanced Mathematics
03	FBP 203	Pharmaceutical Chemistry –II (Physical Chemistry)
04	FBP 204	Pharmaceutical Chemistry-III (Organic Chemistry-I)
05	FBP 205	Anatomy, Physiology & Health Education (APHE) -I
06	FBP 206	Human Anatomy and Physiology
07	FBP 207	Organic Chemistry-II

B-Pharmacy : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 301	Pharmaceutics -II (Unit Operations _ I, Including Engg. Drawing)
02	FBP 302	Pharmaceutical Chemistry-Iv (Organic Chemistry - II)
03	FBP 303	Pharmacognosy –II
04	FBP 304	Pharmaceutical Analysis – II
05	FBP 305	A P He-I
06	FBP 306	Pathophysiology And Pharmacology-I
07	FBP 307	Pharmaceutical Dosage Forms-I (Liquid, Semisolid And Solid Dosage Forms)

B-Pharmacy : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 401	Pharmaceutics - III (Unit Operations - II)
02	FBP 402	Pharmaceutical Microbiology
03	FBP 403	Pharmacognosy – III
04	FBP 404	Pathophysiology of Common Diseases
05	FBP 405	Pharmaceutics -N (Dispensing & Community Pharmacy)
06	FBP 406	Natural Pharmaceutical Agents
07	FBP 407	Medicinal Chemistry-II (Drugs Acting On Cns, Git And Hormonal Disorders)

B-Pharmacy : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 501	Pharmaceutical Chemistry - V (Biochemistry)
02	FBP 502	Pharmaceutics - V (Pharmaceucl Technology I)
03	FBP 503	Pharmacology – I
04	FBP 504	Pharmacognosy –N
05	FBP 505	Pharmaceutics -VI (Hospital pharmacy)
06	FBP 506	Bio pharmaceuticals & Pharmacokinetics
07	FBP 506	Medicinal Chemistry – Iv (Molecular Modelling & Drug Design)

B-Pharmacy : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 601	Pharmaceutical Chemistry - VI (Medicinal Chemistry -I)
02	FBP 602	Pharmaceutical Jurisprudence & Ethics
03	FBP 603	Pharmaceutics -VII (Biopharmaceutics & Pharmacokinetics) .
04	FBP 604	Pharmacology –II
05	FBP 605	Pharmacognosy - V (Chemistry of Natural Products)
06	FBP 606	Herbal Formulations And Complimentary Therapeutics

B-Pharmacy : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 701	Pharmaceutical Biotechnology
02	FBP 702	Pharmaceutics - VIII (Pharmaceutical Technology - II)
03	FBP 703	Pharmaceutical Industrial Management
04	FBP 704	Pharmacology -III
05	FBP 705	Pharmaceutical Chemistry _ VII (Medicinal Chemistry - II)
06	FBP 706	Elective (Theory)

B-Pharmacy : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBP 801	Pharmaceutics – IX
02	FBP 802	Pharmaceutical Analysis – III
03	FBP 803	Pharmaceutical Chemistry - VIII (Medicinal Chemistry - III)
04	FBP 804	Pharmacognosy – VI
05	FBP 805	Pharmacology - IV (Clinical Pharmacy & Drug Interactions)
06	FBP 806	Project related to Elective
07	FBP 807	Model Academic Programme and Evaluation Scheme

M-Pharmacy : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FMP 101	Advanced Organic Chemistry – II
02	FMP 102	Novel Drug Delivery System Part-I
03	FMP 103	Pharmacometrics and Methods of biological evaluation of drugs
04	FMP 104	Modern Pharmaceutical analysis
05	FMP 105	Advanced Analytical Pharmacognosy
06	FMP 106	Applied Pharmacotherapeutics – I

M-Pharmacy : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FMP 201	Pharmaceutical Analysis – II
02	FMP 202	Novel Drug Delivery System Part-I
03	FMP 203	Modern Pharmaceutical analysis
04	FMP 204	Novel Drug Delivery System Part-I
05	FMP 205	Pharmacometrics and Methods of biological evaluation of drugs
06	FMP 206	Drug Design and Discovery
07	FMP 207	Clinical Pharmacy
08	FMP 208	Chemistry Of Natural Products

M-Pharmacy : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FMP 301	Global Regulatory Requirements
02	FMP 302	Pharmacotherapeutics
03	FMP 303	Regulatory Affairs and New Drug Applications
04	FMP 304	Advances in Pharmaceutical Science
05	FMP 305	Clinical Research and Regulatory Affairs
06	FBP 306	Introduction to IPR and Research Methods*
07	FBP 307	Human Anatomy and Physiology

M-Pharmacy : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FMP 401	Quality Control & Quality Assurance
02	FMP 402	Global Regulatory Requirements
03	FMP 403	Regulatory Affairs and New Drug Applications
04	FMP 404	Global Regulatory Requirements
05	FMP 405	Pharmacotherapeutics
06	FMP 406	Medicinal Chemistry – Iv (Molecular Modelling & Drug Design)
07	FMP 407	Herbal Formulations And Complimentary Therapeutics

B. Pharmacy + M. Pharmacy : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 101	Human Anatomy and Physiology I– Theory
02	FBPMP 102	Pharmaceutical Analysis I – Theory
03	FBPMP 103	Pharmaceutics I - Theory
04	FBPMP 104	Pharmaceutical Inorganic Chemistry – Theory
05	FBPMP 105	Pharmaceutical Analysis I – Practical
06	FBPMP 106	Pharmaceutics I - Practical
07	FBPMP 107	Remedial Biology – Theory
08	FBPMP 108	Communication Skills - Theory

B. Pharmacy + M. Pharmacy : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 201	Pharmaceutics- I (Unit Operations - I)
02	FBPMP 202	Physical Pharmaceutics
03	FBPMP 203	Pharmaceutical Chemistry (Inorganic And Nuclear Medicinal Chemistry)
04	FBPMP 204	Human Anatomy And Physiology
05	FBPMP 205	Phytopharmaceuticals – I
06	FBPMP 206	Titrimetric Methods Of Pharmaceutical Analysis
07	FBPMP 207	Remedial Mathematics – Theory

B. Pharmacy + M. Pharmacy : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 301	Pharmaceutics - Ii (Unit Operations - Ii)
02	FBPMP 302	Preparative Pharmacy (Dispensing Pharmacy)
03	FBPMP 303	Organic Chemistry-I
04	FBPMP 304	Fundamentals Of Pharmacology
05	FBPMP 305	Phytopharmaceuticals – Ii
06	FBPMP 306	Human Anatomy and Physiology – Practical
07	FBPMP 307	Entrepreneurship

B. Pharmacy + M. Pharmacy : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 401	Hospital And Community Pharmacy
02	FBPMP 402	Pharmaceutical Microbiology
03	FBPMP 403	Organic Chemistry-Ii
04	FBPMP 404	Path physiology And Pharmacology-I
05	FBPMP 405	Analytical Pharmacognosy & Herbal Drug Technology
06	FBPMP 406	Professional Ethics (Including Human Rights)

B. Pharmacy + M. Pharmacy : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 501	Pharmaceutical Biotechnology
02	FBPMP 502	Pharmaceutical Dosage Forms-I (Liquid, Semisolid And Solid Dosage Forms)
03	FBPMP 503	Medicinal Chemistry-I (Drugs Acting On Ans, Respiratory Tract And Cvs)
04	FBPMP 504	Biochemistry –I
05	FBPMP 505	Pathophysiology And Pharmacology-Ii
06	FBPMP 506	Natural Pharmaceutical Agents
07	FBPMP 507	Cyber Security*
08	FBPMP 508	Social Extension Activity / Nss*

B. Pharmacy + M. Pharmacy : VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 601	Pharmaceutical Jurisprudence And Regulatory Guidelines
02	FBPMP 602	Pharmaceutical Dosage Forms - Ii (Sterile Preparations, Aerosols & Cosmetics)
03	FBPMP 603	Medicinal Chemistry-Ii (Drugs Acting On Cns, Git And Hormonal Disorders)
04	FBPMP 604	Biochemistry –Ii
05	FBPMP 605	Path physiology And Pharmacology-Iii
06	FBPMP 606	Electro analytical And Separation Techniques
07	FBPMP 607	Introduction To IPR And Research Methods

B. Pharmacy + M. Pharmacy : VII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 701	Industrial Pharmacy
02	FBPMP 702	Biopharmaceutics & Pharmacokinetics
03	FBPMP 703	Medicinal Chemistry – Iii (Chemotherapeutic Agents)
04	FBPMP 704	Clinical Pharmacy
05	FBPMP 705	Chemistry Of Natural Products
06	FBPMP 706	Spectroscopic Methods Of Analysis

B. Pharmacy + M. Pharmacy : VIII Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 801	Novel Drug Delivery Systems
02	FBPMP 802	Medicinal Chemistry – Iv (Molecular Modelling & Drug Design)
03	FBPMP 803	Pharmacotherapeutics
04	FBPMP 804	Herbal Formulations And Complimentary Therapeutics
05	FBPMP 805	Pharmaceutical Analysis & Quality Assurance
06	FBPMP 806	Fundamentals Of Biostatistics
07	FBPMP 807	Project Work

B. Pharmacy + M. Pharmacy : IX Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 901	General Pharmacology
02	FBPMP 902	Bio-Statistics (Common paper)
03	FBPMP 903	Modern Pharmaceutical Analytical Techniques (Common paper)
04	FBPMP 904	Advanced Pharmacology
05	FBPMP 905	Seminar
06	FBPMP 906	Pharmacology Lab
07	FBPMP 907	Pharmaceutical Analysis Lab.

B. Pharmacy + M. Pharmacy : X Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	FBPMP 1001	Clinical Pharmacology
02	FBPMP 1002	Pharmaceutical Bio-technology
03	FBPMP 1003	Process validation & CGMP (Common paper)
04	FBPMP 1004	Molecular Pharmacology
05	FBPMP 1005	Seminar
06	FBPMP 1006	Pharmacology Lab.

LL.B : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	LLB 101	English I (Communication)
02	LLB 102	Law of TORT including Consumer Protection Laws and M. V. Act.
03	LLB 103	Legal Methods
04	LLB 104	Principles of Economics
05	LLB 105	Financial Accounting
06	LLB 106	Business Organization and Management

LL.B : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	LLB 201	Constitutional Law I
02	LLB 202	Jurisprudence
03	LLB 203	Criminal law I
04	LLB 204	Financial Accounting
05	LLB 205	Human Resource Management
06	LLB 206	Civil Procedure Code and Limitation Act
07	LLB 207	Family Law I & Contract Law II
08	LLB 208	Corporate Law I & Law of Evidence
09	LLB 209	Drafting Skills (Law of Pleadings in Civil Matters)
10	LLB 210	Property Law & Administrative Law

LL.B : III Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
	LLB 301	Law of Crimes-I
02	LLB 302	Law of Taxation & Merger and Acquisitions
03	LLB 303	Copy Right Law, Prospects and Protection
04	LLB 304	Law on Education & Financial Market Regulation
05	LLB 305	Penology and Victimology
06	LLB 306	Law of Trademarks, Design and Practice
07	LLB 307	Company and Financial Market Regulation I
08	LLB 308	International Criminal Law & Corporate Governance
09	LLB 309	IT Offences , Media and Law
10	LLB 310	Law on Project and Infrastructure Financing
11	LLB 311	Administration of Criminal Law Justice
12	LLB 312	Law Relating to Prevention and Punishment for Corruption
13	LLB 313	Comparative Constitution
14	LLB 314	Company and Financial Market regulation II
15	LLB 315	Comparative Criminal Procedure

LL.M : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	LLM 101	Constitutional Law & Legal Theory
02	LLM 102	Law and Social Change
03	LLM 103	Research Methodology
04	LLM 104	Law relating to Industrial Relation
05	LLM 105	Law relating to Labour Welfare
06	LLM 106	Law relating to Industrial Injuries and Social Security
07	LLM 107	Law relating to Service Regulation

LL.M : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	LLM 201	Crime and Administration of Criminal Justice
02	LLM 202	Penology and Treatment of Offenders
03	LLM 203	Privileged Class Deviance
04	LLM 204	Law and Organized Crime
05	LLM 205	Human Rights
06	LLM 206	Human Rights and Indian Legal System
07	LLM 207	International Refugee Law and Humanitarian Law
08	LLM 208	Science technology and Human rights
09	LLM 209	Intellectual Property Rights (Paper I & II)
10	LLM 210	Intellectual Property Rights (Paper III & IV)

BA/B.Com/B.Sc + LLB : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 101	Legal Method
02	BLLB 102	Electronic Devices, Circuits and IC Technology
03	BLLB 103	Law of Contract-I
04	BLLB 104	Concepts of Chemistry
05	BLLB 105	English and Legal Language
06	BLLB 106	Introductory Biotechnology and Cell Biology

BA/B.Com/B.Sc + LLB : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 201	Electronics Lab
02	BLLB 202	Chemistry Lab
03	BLLB 203	Biotechnology Lab
04	BLLB 204	Digital Electronics: Microprocessors and Interfaces
05	BLLB 205	Techniques of Chemistry
06	BLLB 206	History

BA/B.Com/B.Sc + LLB : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 301	Law of Contract-II
02	BLLB 302	Tools and Techniques of Biotechnology
03	BLLB 303	Electronics Lab.
04	BLLB 304	Chemistry Lab.
05	BLLB 305	Techniques of Communication, Client Interviewing & Counseling
06	BLLB 306	Biotechnology Lab.

BA/B.Com/B.Sc + LLB : IV Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 401	Business Law
02	BLLB 402	Telecom Engineering Fundamentals, Data and Wireless Communication
03	BLLB 403	Family law-I
04	BLLB 404	Polymer Chemistry
05	BLLB 405	Constitutional Law-I
06	BLLB 406	Genetics, Immunology and Molecular Biotechnology

BA/B.Com/B.Sc + LLB : V Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 501	Law of Crimes-I
02	BLLB 502	Advocacy Skills
03	BLLB 503	Chemistry Lab.
04	BLLB 504	Biotechnology Lab.
05	BLLB 505	Law of Torts and Consumer Protection
06	BLLB 506	Programming Fundamentals & Data Base Management System

BA/B.Com/B.Sc + LLB : VI Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 601	Family Law-II
02	BLLB 602	Physical Pharmacy
03	BLLB 603	Constitutional Law-II
04	BLLB 604	Microbial Biotechnology and Fermentation Technology
05	BLLB 605	Law of Crimes-II
06	BLLB 606	Electronics Lab.

BA/B.Com/B.Sc + LLB : VII Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 701	Administrative Law
02	BLLB 702	Chemistry Lab
03	BLLB 703	Biotechnology Lab
04	BLLB 704	Code of Civil Procedure-I
05	BLLB 705	Synthetic Organic Chemistry
06	BLLB 706	Code of Criminal Procedure-I
07	BLLB 707	Plant and Animal Biotechnology

BA/B.Com/B.Sc + LLB : VIII Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 801	Law of Evidence
02	BLLB 802	Chemistry Lab.
03	BLLB 803	Corporate Law
04	BLLB 804	Biotechnology Lab.
05	BLLB 805	Jurisprudence-I
06	BLLB 806	Human Right Law

BA/B.Com/B.Sc + LLB : IX Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 901	Code of Civil Procedure-II
02	BLLB 902	Code of Criminal Procedure –II
03	BLLB 903	Public International Law
04	BLLB 904	Investment and Competition Law
05	BLLB 905	Property Law & Jurisprudence-II
06	BLLB 906	Information Theory, Coding and Network Programming
07	BLLB 907	Pharmaceutical Chemistry
08	BLLB 908	Chemistry Lab.
09	BLLB 909	Biotechnology Lab.
10	BLLB 910	Land Laws , Laws and Technology

BA/B.Com/B.Sc + LLB : X Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLLB 1001	Intellectual Property Right & Labor Law-I
02	BLLB 1002	Genetic Engineering and Genomics
03	BLLB 1003	Biotechnology Lab.
04	BLLB 1004	Alternative Dispute Resolution
05	BLLB 1005	Internet, E-Commerce, Multimedia Tools & Information System Security
06	BLLB 1006	Law, Poverty and Development & Computer Lab.
07	BLLB 1007	Women & Law , Air & Space Law
08	BLLB 1008	Election Law & International Commercial Law
09	BLLB 1009	Legal Ethics and Court Craft
10	BLLB 1010	Drafting, Pleading and Convincing
11	BLLB 1011	Legal Writing and Research (Seminars and Research paper) Internal
12	BLLB 1012	Dissertation & Internship (Lawyers/Law firms)

FACULTY OF EDUCATION

Diploma in Education (D.Ed.)& Dip PPTT : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPTT 101	Childhood and the Development of Children
02	DPTT 102	Contemporary Indian Society
03	DPTT 103	Education, Society, Curriculum and Learners
04	DPTT 104	Towards Understanding the Self
05	DPTT 105	Pedagogy across the Curriculum
06	DPTT 106	Understanding Language and Early Literacy
07	DPTT 107	Mathematics Education for the Primary School Child
08	DPTT 108	Proficiency in English

Diploma in Education (D.Ed.)& Dip PPTT : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPTT 201	Cognition, Learning and the Socio-Cultural
02	DPTT 202	Teacher Identity and School Culture
03	DPTT 203	School Culture, Leadership and Change
04	DPTT 204	Pedagogy of Environmental Studies & Social Science Education
05	DPTT 205	Pedagogy of English Language & Language Education
06	DPTT 206	Optional Pedagogic Courses & Mathematics Education
07	DPTT 207	Science Education
08	DPTT 208	Diversity, Gender and Inclusive Education

Bachelor in Education (B.Ed.) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BE 101	Childhood and Growing up
02	BE 102	Philosophical and Sociological Foundations of Education
03	BE 103	Language Across the Curriculum
04	BE 104	Understanding Discipline and Subjects
05	BE 105	Pedagogy of a School Subject-(1)
06	BE 106	School Organisation and Management
07	BE 107	Understanding the Self
08	BE 108	PSE (Preliminary School Engagement)

Bachelor in Education (B.Ed.) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BE 201	Learning and Teaching
02	BE 202	Knowledge & Curriculum: Perspectives in Education (Part-I)
03	BE 203	Assessment of Learning
04	BE 204	Pedagogy of School Subject-(2)
05	BE 205	Teacher as a Counsellor
06	BE 206	Drama and Art in Education
07	BE 207	Critical Understanding of ICT
08	BE 208	PSE- II & Creating an Inclusive School
09	BE 209	Gender, School and Society
10	BE 210	Knowledge and Curriculum: Perspectives in Education (Part-II)

Master in Education (M.Ed.) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	ME 101	Philosophical and Sociological Foundations of Education.
02	ME 102	Psychological Foundations of Education.
03	ME 103	Teacher Education
04	ME 104	Environment Education
05	ME 105	Sociological Foundation of Education
06	ME 106	Philosophical Foundations of Education
07	ME 107	Methodology of Educational Research & Educational Statistics

M.A. in Education : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	ME 201	Sociological Foundation of Education
02	ME 202	Methodology of Educational Research & Statistics II
03	ME 203	Educational Technology
04	ME 204	Educational Management
05	ME 205	Dissertation
06	ME 206	Information and Communication Technology in Education
07	ME 207	Educational Data Analysis through Statistical packages

M.A. in Education (Lateral Entry) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MELE 101	Growth and Philosophy of Distance Education
02	MELE 102	Distance Teaching: Prerequisites and Practices
03	MELE 103	Self-instructional Materials
04	MELE 104	Student Support Services
05	MELE 105	Project Work
06	MELE 106	Growth and Philosophy of Distance Education
07	MELE 107	Design and Development of Self-Learning Print Materials
08	MELE 108	Learner Support Services
09	MELE 109	Management of Distance Education
10	MELE 110	Communication Technology for Distance Education

INTEGRATED COURSES

B.A. + B.Ed. : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBED 101	Gen. Hindi/Gen. English/History of Indian Civilization
02	BBED 102	Elementary Computer Applications
03	BBED 103	Environmental Studies
04	BBED 104	Environmental Studies
05	BBED 105	History
06	BBED 106	Political Science
07	BBED 107	Geography
08	BBED 108	Economics
09	BBED 109	Technology/Agriculture

B.A. + B.Ed. : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBED 201	Hindi/English/Urdu
02	BBED 202	History
03	BBED 203	Political Science
04	BBED 204	Geography
05	BBED 205	Economics
06	BBED 206	Psychology of Learner, Learning and Instruction
07	BBED 207	Technology/Agriculture

B.A. + B.Ed. : III Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBED 301	Hindi/English/Urdu
02	BBED 302	History
03	BBED 303	Political Science
04	BBED 304	Geography
05	BBED 305	Economics
06	BBED 306	Instructional Strategies & Skills
07	BBED 307	School education Experience Programme
08	BBED 308	Teaching of Language Hindi/English/Urdu
09	BBED 309	Teaching of Social Sciences SS I : History and Civics
10	BBED 310	SS II : Geography and Economics

B.A. + B.Ed. : IV Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBED 401	Hindi/English/Urdu
02	BBED 402	History
03	BBED 403	Political Science
04	BBED 404	Geography
05	BBED 405	Economics
06	BBED 406	Education and Indian Society
07	BBED 407	School Management
08	BBED 408	School Education Experience Programme (SEEP)

B.A. + B.Ed. : V Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BBED 501	Information & Communication Technology
02	BBED 502	Health, Physical Education & Yoga
03	BBED 503	Core Training Program
04	BBED 504	Psychology of Development & learning
05	BBED 505	Compulsory English
06	BBED 506	Content Cum Methodology I
07	BBED 507	Health Education & N.S.S.
08	BBED 508	Education for New Times & Modern Indian Society
09	BBED 509	Content Cum Methodology II
10	BBED 510	Educational Management ñ Principles & Practices

B.Sc. + B.Ed. : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSED 101	Foundations of Education
02	BSED 102	Childhood and Growing Up
03	BSED 103	Education of the children with special needs
04	BSED 104	Adolescence and Growing Up
05	BSED 105	Cotemporary Indian Education
06	BSED 106	Youth Red Cross, First Aid awareness programme

B.Sc. + B.Ed. : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSED 201	Learning and Teaching-I
02	BSED 202	Assessment for Learning-I
03	BSED 203	Project on SSA/Midday meal/Community survey
04	BSED 204	Learning and Teaching-II
05	BSED 205	Assessment for Learning-II
06	BSED 206	Construction and Administration of two unit tests in school subject with reporting

B.Sc. + B.Ed. : III Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSED 301	Knowledge and Curriculum-I
02	BSED 302	Gender, School and Society
03	BSED 303	Language across Curriculum
04	BSED 304	Action Research
05	BSED 305	Understanding the self
06	BSED 306	Critical Understanding of ICT
07	BSED 307	School Internship-Part-I
08	BSED 308	ICT Practicum

B.Sc. + B.Ed. : IV Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSED 401	Knowledge and Curriculum-II
02	BSED 402	Inclusive Education
03	BSED 403	Health, Yoga & Physical Education
04	BSED 404	Guidance and Counselling
05	BSED 405	Comparative Education
06	BSED 406	Curriculum Studies
07	BSED 407	.Educational Technology

B.Sc. + B.Ed. : V Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSED 501	Visual and Performing Arts(Theory)
02	BSED 502	School Internship-Part-II
03	BSED 503	Visual and Performing Arts(practical)
04	BSED 504	Construction and Administration of two unit tests in school subject with reporting
05	BSED 505	Language(Odia/English); Mathematics; Biological Science
06	BSED 506	Social Science; Physical Science

FACULTY OF PHYSICAL EDUCATION

Bachelor in Physical Education (B.P. Ed.) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BPED 101	History, Principles and foundation of Physical Education
02	BPED 102	Anatomy and Physiology
03	BPED 103	Health Education and Environmental Studies
04	BPED 104	Olympic Movement/Officiating and Coaching (Elective)
05	BPED 105	Track and Field (Running Events)
06	BPED 106	Swimming/Gymnastics/Shooting
07	BPED 107	Indigenous Sports: Kabaddi/ Malkhambh/ lezim / March past (Any of one out of these)
08	BPED 108	Mass Demonstration Activities: Kho-Kho / dumbbells / tipri / wands / hoop /umbrella (Any one out of these)

Bachelor in Physical Education (B.P.Ed.) : 2 Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BPED 101	Yoga Education
02	BPED 102	Educational Technology and Methods of Teaching in Physical Education
03	BPED 103	Organization and Administration
04	BPED 104	Contemporary issues in physical education, fitness and wellness/ Sports Nutrition and Weight Management (Elective)
05	BPED 105	Track and Field (Jumping Events)
06	BPED 106	Yoga/Aerobics / Swimming / Gymnastics (Any of the two out of these)
07	BPED 107	Racket Sports: Badminton/ Table Tennis/ Squash/ Tennis (Any of the two out of these)
08	BPED 108	Teaching Practice (Classroom and outdoor)

Masters in Physical Education (M.P.Ed.) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MPED 101	Sports Training
02	MPED 102	Computer Applications in Physical Education
03	MPED 103	Sports Psychology and Sociology
04	MPED 104	Sports Medicine, Physiotherapy and Rehabilitation/Curriculum Design (Elective)
05	MPED 105	Track and Field (Throwing Events)
06	MPED 106	Combative Sports : Martial Art, Karate, Judo, Fencing, Boxing, Taekwondo, Wrestling (Any two out of these)
07	MPED 107	Team Games: Baseball, Cricket, Football, Hockey, Softball, Volleyball, Handball, Basketball, Netball (Any two of these)
08	MPED 108	Teaching Practice (Teaching Lesson Plans for Racket Sport/ Team Games/Indigenous Sports)

Masters in Physical Education (M.P.Ed.) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MPED 201	Measurement and Evaluation in Physical Education
02	MPED 202	Kinesiology and Biomechanics
03	MPED 203	Research and Statistics in Physical Education
04	MPED 204	Theory of sports and games(Specifically sports and games specialization)/Sports Management (Elective)
05	MPED 205	Track and Field/Swimming /Gymnastics (Any of one out of these)
06	MPED 206	Kabaddi/ Kho-Kho/ Baseball/ Cricket/ Football/Hockey/Softball/ Volleyball/ Handball/ Basketball/ Netball/ Badminton/ Table Tennis/ Squash/ Tennis (Any of one out of these)
07	MPED 207	Sports Specialization: Coaching lessons Plans Track and Field/Swimming /Gymnastics (Any of one out of these)

M.A Physical Education : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAPD 101	History & Principles of Physical Education & Sports
02	MAPD 102	Information Technology in Physical Education
03	MAPD 103	Officiating & Coaching
04	MAPD 104	Sports Management
05	MAPD 105	Practical & Project Work
06	MAPD 106	Internship & Training

M.A Physical Education : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAPD 201	Research Methodology in Physical Education
02	MAPD 202	Sports Medicine & Exercise Physiology
03	MAPD 203	Sports Training and Biomechanics in Physical Education
04	MAPD 204	Test, Measurement & Evaluation in Physical Education
05	MAPD 205	Practical & Project Work
06	MAPD 206	Internship & Training
07	MAPD 207	Educational Philosophy
08	MAPD 208	Indian Schools of Philosophy of Education

TRADITIONAL STREAM
FACULTY OF ARTS

Bachelor Of Arts (BA) – General : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAG 101	Gen. English
02	BAG 102	Gen. Hindi
03	BAG 103	Environmental Studies
04	BAG 104	Elementary Computer App
05	BAG 105	English Literature-I & II
06	BAG 106	Hindi Literature- I & II
07	BAG 107	Sanskrit- I & II
08	BAG 108	History- I & II
09	BAG 109	Sociology- I & II
10	BAG 110	Economics- I & II
11	BAG 111	Political Science- I & II
12	BAG 112	Public Administration- I & II
13	BAG 113	Philosophy- I & II
14	BAG 114	Mathematics- I, II & III
15	BAG 115	Statistics- I, II, III & Practical
16	BAG 116	Psychology-I, II, III & Practical
17	BAG 117	Geography- I, II, III & Practical
18	BAG 118	Home Science- I, II, III & Practical
19	BAG 119	Physical Education- I, II, III & Practical
20	BAG 120	Jeevan Vigyan and Jain Vidhya- I, II, III & Practical
21	BAG 121	Defence and Strategic Studies- I, II, III & Practical
22	BAG 122	Fine Arts and Painting –I, II
23	BAG 123	Journalism & Mass Communication – I & II
24	BAG 124	Social work – I, II, III & Practical

Bachelor Of Arts (BA) – General : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAG 201	Gen. English
02	BAG 202	Gen. Hindi
03	BAG 203	Environmental Studies
04	BAG 204	Elementary Computer App
05	BAG 205	English Literature-I & II
06	BAG 206	Hindi Literature- I & II
07	BAG 207	Sanskrit- I & II
08	BAG 208	History- I & II
09	BAG 209	Sociology- I & II
10	BAG 210	Economics- I & II
11	BAG 211	Political Science- I & II
12	BAG 212	Public Administration- I & II
13	BAG 213	Philosophy- I & II
14	BAG 214	Mathematics- I, II & III
15	BAG 215	Statistics- I, II, III & Practical
16	BAG 216	Psychology-I, II, III & Practical
17	BAG 217	Geography- I, II, III & Practical
18	BAG 218	Home Science- I, II, III & Practical
19	BAG 219	Physical Education- I, II, III & Practical
20	BAG 220	Jeevan Vigyan and Jain Vidhya- I, II, III & Practical
21	BAG 221	Defence and Strategic Studies- I, II, III & Practical
22	BAG 222	Fine Arts and Painting –I, II
23	BAG 223	Journalism & Mass Communication – I & II
24	BAG 224	Social work – I, II, III & Practical

Bachelor Of Arts (BA) – General : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAG 301	Gen. English
02	BAG 302	Gen. Hindi
03	BAG 303	Environmental Studies
04	BAG 304	Elementary Computer App
05	BAG 305	English Literature-I & II
06	BAG 306	Hindi Literature- I & II
07	BAG 307	Sanskrit- I & II
08	BAG 308	History- I & II
09	BAG 309	Sociology- I & II
10	BAG 310	Economics- I & II
11	BAG 311	Political Science- I & II
12	BAG 312	Public Administration- I & II
13	BAG 313	Philosophy- I & II
14	BAG 314	Mathematics- I, II & III
15	BAG 315	Statistics- I, II, III & Practical
16	BAG 316	Psychology-I, II, III & Practical
17	BAG 317	Geography- I, II, III & Practical
18	BAG 318	Home Science- I, II, III & Practical
19	BAG 319	Physical Education- I, II, III & Practical
20	BAG 320	Jeevan Vigyan and Jain Vidhya- I, II, III & Practical
21	BAG 321	Defence and Strategic Studies- I, II, III & Practical
22	BAG 322	Fine Arts and Painting –I, II
23	BAG 323	Journalism & Mass Communication – I & II
24	BAG 324	Social work – I, II, III & Practical

BPP: I (Choose any two Subject)
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BPP 101	General Mathematics
02	BPP 102	Commerce
03	BPP 103	Social Sciences
04	BPP 104	Geometric
05	BPP 105	Nature of Business, Nature and Scope of Accounting
06	BPP 106	Accounting Process and Rules
07	BPP 107	Basic Concepts Relating to Final Accounts

BA Criminology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAC 101	Language Hindi / urdu - Paper – I
02	BAC 102	English - Paper – I
03	BAC 103	Principles of Criminology
04	BAC 104	Criminal Laws
05	BAC 105	Human Behaviour and Criminality
06	BAC 106	Human Rights and Police Administration
07	BAC 107	Schools of Criminology

BA Criminology: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAC 201	Language Hindu / Urdu - Paper II
02	BAC 202	English - Paper II
03	BAC 203	Police Administration
04	BAC 204	Penology and Correctional Administration
05	BAC 205	Contemporary Crimes
06	BAC 206	Criminal Justice System
07	BAC 207	Sociological Theories

BA Criminology: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAC 301	Human Rights and Police Administration II
02	BAC 302	Police Station Management
03	BAC 303	Vigilance and Security Management
04	BAC 304	Counselling and Guidance
05	BAC 305	NGOs and Criminal Justice Administration
06	BAC 306	Psychological Theories
07	BAC 307	Salient Features of Constitutional Law of India

BA. Music : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAM 101	Language I
02	BAM 102	Prachin Bhartiya Sangit.Itihas & Shashtra
03	BAM 103	Music & Veena/Mrudanga
04	BAM 104	FC/SDC
05	BAM 105	CC & EC
06	BAM 106	Sangi tache Kriyatma kshashtra & Sangitik Rachana
07	BAM 107	Shastriya Sangitacha Kriyatmak Siddhant

BA. Music : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAM 201	Shashtriya Sangitache
02	BAM 202	Saundaryashastra Ani Sanshodhan Paddhati
03	BAM 203	Music & Veena/Mrudanga
04	BAM 204	FC/SDC
05	BAM 205	CC & EC
06	BAM 206	Stage Performance
07	BAM 207	Adhunik Bhartiya SangitItihasSh

BA. Music : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAM 301	Indian Music General & Biographies
02	BAM 302	Grant has & contributions of Musicologists
03	BAM 303	Music & Veena/Mrudanga
04	BAM 304	FC/SDC
05	BAM 305	CC & EC
06	BAM 306	Theory of Indian Music
07	BAM 307	Granthas & Contributions of Musicians

Bachelor Of Arts (Additional Subject) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAAS 101	English
02	BAAS 102	History
03	BAAS 103	Sociology
04	BAAS 104	Public Administration
05	BAAS 105	Mathematics
06	BAAS 106	Philosophy
07	BAAS 107	Political Science
08	BAAS 108	Hindi
09	BAAS 109	Geography
10	BAAS 110	Psychology
11	BAAS 111	Education
12	BAAS 112	Home Science
13	BAAS 113	Economics
14	BAAS 114	Social Work
15	BAAS 115	Sanskrit

BA Psychology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAP 101	Basic psychological processes I
02	BAP 102	Basic psychological processes II
03	BAP 103	Child Psychology I
04	BAP 104	Developmental Psychology I
05	BAP 105	Child Psychology II
06	BAP 106	Developmental Psychology II

BA Psychology: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAP 201	Counselling Psychology I
02	BAP 202	Health psychology I
03	BAP 203	Social Psychology I
04	BAP 204	Industrial & Organizational psychology I
05	BAP 205	Educational Psychology I
06	BAP 206	Abnormal Psychology I

BA Psychology: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAP 301	Counselling Psychology II
02	BAP 302	Health psychology II
03	BAP 303	Social Psychology II
04	BAP 304	Industrial & Organizational psychology
05	BAP 305	Educational Psychology II
06	BAP 306	Abnormal Psychology II

MA Hindi: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAH 101	Study of Forms of Literature- Stories
02	MAH 102	History of Marathi Literature (1874-1960)
03	MAH 103	Linguistic Study of Marathi Language
04	MAH 104	Modern Marathi Prose & Poetry (1960 – Onward)
05	MAH 105	Dalit sahitya OR Lok sahitya
06	MAH 106	Sahitya ka Itihas
07	MAH 107	Modern Literary Theories

MA Hindi: II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAH 201	Modern Prose
02	MAH 202	History of Hindi Literature
03	MAH 203	Old & Medieval Poetry
04	MAH 204	Functional Hindi
05	MAH 205	Hindi shanty ka itches
06	MAH 206	madhyakalin kavya
07	MAH 207	Hindi parching kavya

MA Sanskrit: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAS 101	Study of Forms of Literature- Stories
02	MAS 102	History of Sanskrit Literature (1874-1960)
03	MAS 103	Linguistic Study of Sanskrit Language
04	MAS 104	Modern Marathi Prose & Poetry (1960 – Onward)
05	MAS 105	Ved Ântas Âra
06	MAS 106	Sad Ânanda
07	MAS 107	Yogasötra (SamÂdhi & SÂadhanapÂda)

MA Sanskrit: II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAS 201	Study of an Ancient Period
02	MAS 202	Theory of Literature
03	MAS 203	Applied Criticism
04	MAS 204	Dalit sahitya OR Lok sahitya
05	MAS 205	Karakaprakaraàa-SiddhÂntakaumudí
06	MAS 206	Paspai Âhnika
07	MAS 207	Atharvaveda

MA English: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAE 101	Indian Literature in English (1820s onwards) (without study material)
02	MAE 102	Linguistics and Stylistic Analysis of Texts (with study material)
03	MAE 103	Literature From the Renaissance to the Augustan Age (Without Study material)
04	MAE 104	Nineteenth and Twentieth Century American Literature (With Study material)
05	MAE 105	The Structure of Modern English
06	MAE 106	English Fiction (1700 - 1880)
07	MAE 107	Traditional English Drama

MA English: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAE 201	Literary Theory And Criticism (with study material)
02	MAE 202	Literature from Romantic to the Victorian age (Without Study Material)
03	MAE 203	Anglo-Irish Literature of the Twentieth century (with study material)
04	MAE 204	Indian Literature in Translation (Without Study material)
05	MAE 205	Indian Verses
06	MAE 206	Modern English Drama
07	MAE 207	English Language & Literature Teaching

MA Political Science: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAPS 101	Indian Government and Politics-I
02	MAPS 102	Selected Issues and Themes in Indian Politics
03	MAPS 103	Foreign Policy & Diplomacy with Special reference to India
04	MAPS 104	Modern Indian Political Thought (Study material available in both English/Hindi)
05	MAPS 105	International Relations
06	MAPS 106	Indian Foreign Policy and Relations
07	MAPS 107	South Asian Politics

MA Political Science: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAPS 201	International Politics (Without study material)
02	MAPS 202	Public Administration (Study material available in Marathi)
03	MAPS 203	State Politics in India (Without study material)
04	MAPS 204	Comparative Political Analysis (Without study material)
05	MAPS 205	Research Methodology
06	MAPS 206	Indian Administration
07	MAPS 207	Gender, law and State

MA History: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAH 101	History of Modern Maharashtra (1818-1920)
02	MAH 102	Indian National Movement (1858-1947)
03	MAH 103	History of India (1789- 1919)
04	MAH 104	History of India (1900 – 1992)
05	MAH 105	Democratic Decentralisation in India
06	MAH 106	State, Government and Economics
07	MAH 107	Legal Constitutional and Extra / Non Constitutional

MA History: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAH 201	Historical Method and Philosophy of History
02	MAH 202	History of U.S.A. in the 20th Century.
03	MAH 203	History of Buddhism & Jainism up to 1000 A.D.
04	MAH 204	Social, Economic and Administrative History o f The Marathas (1600 -1818 A.D.)
05	MAH 205	Swedish Movement, National Revolutionary Movement
06	MAH 206	Tribal Movements Santali in 1855, Birsa Munda in 1899 -1900
07	MAH 207	Workers' Movements Ahmadabad Textiles in 1935, The Bengal-Nagpur Railway in 1936, Calcutta Jute Mills, 1936

MA Philosophy: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAP 101	Social and Political Philosophy
02	MAP 102	Indian and Western Philosophy
03	MAP 103	Social Philosophy (English/ Hindi)
04	MAP 104	Developmental Philosophy
05	MAP 105	Scepticism, Fallibilism and Possibility of Knowledge
06	MAP 106	Gettier Problem and responses
07	MAP 107	The Problem of Metaphysics

MA Philosophy: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAP 201	Educational Philosophy
02	MAP 202	Human Development Index and Contemporary Issues in Indian Urban Society
03	MAP 203	Social and Political Philosophy I
04	MAP 204	Indian and Western Philosophy I
05	MAP 205	Social Philosophy (English/ Hindi) I
06	MAP 206	Nature of Indian Ethics: Basic Presuppositions, Possibility of Indian.
07	MAP 207	Philosophy of Language (Indian)
08	MAP 208	Philosophy of Language (Western)

MA. Sociology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAS 101	Theoretical Perspectives in Sociology
02	MAS 102	Theoretical Anthropology
03	MAS 103	Sociology of Development
04	MAS 104	Perspectives of Indian Society
05	MAS 105	Sociological Thoughts
06	MAS 106	Social Research and Statistics

MA. Sociology: II

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAS 201	Industry, labour and Society
02	MAS 202	Environment and Society
03	MAS 203	Sociology of Social Movements
04	MAS 204	Gender and Society
05	MAS 205	Rural Sociology
06	MAS 206	Urban Sociology
07	MAS 207	Gender and Society

MA Geography: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAG 101	Geography of India with special reference.
02	MAG 102	Human Geography
03	MAG 103	Geomorphology And Oceanography
04	MAG 104	Climatology And Ecosystem
05	MAG 105	Regional Planning and Develop Geography And Tourism
06	MAG 106	Historiography, Concept Methods And Tools
07	MAG 107	History Of India
08	MAG 108	History Of India (Cad320 To Cad1200)

MA Geography: II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAG 201	History Of Geographical Thoughts & Political Geop.
02	MAG 202	Geography Of Water Resources
03	MAG 203	Geography Of Agricultural
04	MAG 204	Geography Of Population
05	MAG 205	Ancient Indian Society & Culture
06	MAG 206	Indian Economy
07	MAG 207	Historiography, Concept, Methods And Tools
08	MAG 208	Cultural History Of India (C1200 To1757 Ad)

MA Maths: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAM 101	Algebra
02	MAM 102	Analysis & Topology
03	MAM 103	Complex Analysis
04	MAM 104	Discrete Mathematics & Differential Equations
05	MAM 105	Set Theory, Logic & Elementary Probability Theory
06	MAM 106	Mathematical Methods
07	MAM 107	Operations Research
08	MAM 108	Advanced Learner Course - Linear Difference Equations

MA Maths: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAM 201	Algebra and Field Theory
02	MAM 202	Advanced Analysis and Fourier Analysis
03	MAM 203	Differential Geometry and Functional Analysis
04	MAM 204	Numerical Analysis
05	MAM 205	Graph Theory
06	MAM 206	Partial Differential Equations
07	MAM 207	Lévesque Measure Theory

MA Economics: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAE 101	Economics Of Growth And Development
02	MAE 102	Internatioinal Trade And Finance
03	MAE 103	Business Cycle
04	MAE 104	Computer Application In Economics Analysis
05	MAE 105	Demography
06	MAE 106	Econometrics-II
07	MAE 107	Economics Of Insurance

MA Economics: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MAE 201	Economics Of Social Sector & Environmen
02	MAE 202	Financial Institutions & Markets
03	MAE 203	History Of Modern Economics HMA Analysis
04	MAE 204	Indian Economic Policy
05	MAE 205	Labour Economics
06	MAE 206	Mathematical Economics
07	MAE 207	IDF - Financial And Management Accounting

MA Public Administration: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAPA 101	Principles & Practice Of Managment
02	MAPA 102	Managerial Economics
03	MAPA 103	Managerial Skill Development
04	MAPA 104	Organisation Behaviour & Effectiveness
05	MAPA 105	Management Information System
06	MAPA 106	Quantitative Methods(Grade)

MA Public Administration: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAPA 201	Research Methodology
02	MAPA 202	Human Resource Management
03	MAPA 203	Production & Operations Managment
04	MAPA 204	Logistics Managment
05	MAPA 205	Management Science(Grade)

MA Psychology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAP 101	Advanced General Psychology
02	MAP 102	Statistical Method In Psychological Research.
03	MAP 103	Research Methodology & Fundamental Of Testing
04	MAP 104	Theories Of Personality
05	MAP 105	Psychology of Cognitive and Affective processes
06	MAP 106	Contemporary Issues of Social Psychology
07	MAP 107	Psychological Statistics

MA Psychology: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAP 201	Fundamentals Of Psychology
02	MAP 202	Human Development&Family Relationships
03	MAP 203	Swarajya Kalkhand: Prachin Sahitya
04	MAP 204	Psycho Diagnostics
05	MAP 205	Fundamentals Of Counseling&Fields OfCounseling
06	MAP 206	Psychology of Learning and Memory Processes
07	MAP 207	Applied Social Psychology
08	MAP 208	Applications of Statistics in Psychology

Masters of Social Work: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSW 101	Professional Develop. for Social Workers
02	MSW 102	Working With Communities
03	MSW 103	CD-V-Rural Community Devel
04	MSW 104	HRM-V-Human Res.Mngt Paper
05	MSW 105	CD-VI-Urban Community Development
06	MSW 106	HRM-VI- Labour Legis.& Indus.Relation
07	MSW 107	CD-VII-Tribal Social System
08	MSW 108	CD-Concurrent Field Work
09	MSW 109	HRM-VII-Employee Welfare & Trade Union
10	MSW 110	HRM-Concurrent Field Work

Masters of Social Work: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSW 201	Sociology
02	MSW 202	Social Psychology For Social Workers
03	MSW 203	History, Philosophy & Fields Of Social Work
04	MSW 204	Social Cases Work & Social Group Work
05	MSW 205	Social Research & Statistics
06	MSW 206	Field Work

MA Rural Development: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MARD 101	Rural Development: Concepts and Dimensions
02	MARD 102	Indian Rural Economic Scene
03	MARD 103	Indian Rural Social Scene
04	MARD 104	Economics for Rural Development
05	MARD 105	Rural Industrialization and Entrepreneurship
06	MARD 106	Rural Development Institutions and Strategies
07	MARD 107	Working with people: Techniques and Processes
08	MARD 108	Social Research and Computer Applications for Rural Development

MA Rural Development: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MARD 201	Natural Resources Management: Land
02	MARD 202	Natural Resources Management: Water
03	MARD 203	Natural Resources Management: Vegetation
04	MARD 204	Human Resource Development in Rural Sector
05	MARD 205	Micro Finance, Self Help and Women Empowerment
06	MARD 206	Rural Project Planning and Management
07	MARD 207	Rural Credit and Marketing
08	MARD 208	Voluntary Action for Rural Development

MA. Music: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAM 101	SangitacheKriyatmakshashtra & SangitikRachana(Pract)
02	MAM 102	Stage Performance(Pract)
03	MAM 103	Shastriya Sangitacha Kriyatmak Siddhant
04	MAM 104	Prachin Bhartiya Sangit.Itihas&Shashtra (Vaid)
05	MAM 105	General Theory of Music
06	MAM 106	Internal Assessment
07	MAM 107	Practical demonstration with Viva-Voce

MA. Music: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAM 201	Madhyakalin Bhartiya Sangitacha Itihas&Shashtra
02	MAM 202	Manch Pradarshan(Stage Performance)(Pract)
03	MAM 203	AdhunikBhartiyaSangitItihasSh ashtr
04	MAM 204	Saundaryashastra Ani Sanshodhan Paddhati
05	MAM 205	Applied Theory of Music
06	MAM 206	General Theory of Music
07	MAM 207	Stage performance

MA Dawning: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAD 101	Architecture and Allied Arts: Historic Preservation
02	MAD 102	Arts and Administration
03	MAD 103	Academic English for International Students
04	MAD 104	Applied Information Management
05	MAD 105	Architecture
06	MAD 106	General Art
07	MAD 107	Practical Demonstration

MA Dawning: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAD 201	Ceramics
02	MAD 202	Digital Arts
03	MAD 203	Metals mitring and Jewellery
04	MAD 204	Photography
05	MAD 205	Painting
06	MAD 206	Printmaking

MA Criminology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAC 101	Social norms, Values and Criminal Law
02	MAC 102	Sources and the content of Criminal Law in India.
03	MAC 103	Criminal Law: substantive, Procedural and Case Law
04	MAC 104	Criminal Law in the Welfare State.
05	MAC 105	Social Contract Theory as the basic of Criminal Justice System
06	MAC 106	Basis of Criminal Justice System in India
07	MAC 107	Rule of Law – Concept and practice – Concept of Fair Trial.

MA Criminology: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MAC 201	Criminal Law & Legislative Process
02	MAC 202	Criminal Responsibility
03	MAC 203	Legal Provisions relating to traditional Crimes (I.P.C)
04	MAC 204	Criminal Procedure (Cr.P.C.)
05	MAC 205	Evidence in Criminal Cases
06	MAC 206	Social legislations & Judiciary
07	MAC 207	Origin and growth of Indian Police
08	MAC 208	Functions of Modern Police
09	MAC 209	Comparative Police Systems & Nature of Punishment
10	MAC 210	Impact of Victimization and Victim Assistance Programme

FACULTY OF COMMERCE

Bachelor of Commerce (B.Com.) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCM 101	Financial Accounting
02	BCM 102	Fundamentals of Microeconomics
03	BCM 103	Mathematics for Finance
04	BCM 104	Business Computing
05	BCM 105	Business management
06	BCM 106	English for Communication
07	BCM 107	Language through Literature
08	BCM 108	An Insight into India
09	BCM 109	Dimensions of Business Studies
10	BCM 110	Advanced Microeconomics

Bachelor of Commerce (B.Com.) : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCM 101	Corporate Accounting
02	BCM 202	Macroeconomics
03	BCM 203	Fundamentals of Management
04	BCM 204	Elements of Company Law
05	BCM 205	Basics Of Cost Accounting
06	BCM 206	Basics of Cost Accounting-Material
07	BCM 207	Financial System & Indian Banking Structure
08	BCM 208	Financial Institutions in India
09	BCM 209	Growth of Entrepreneurship
10	BCM 210	Communication for Marketing
11	BCM 211	Fundamentals of Marketing & Customer Value Managemen
12	BCM 212	Methods of Costing
13	BCM 213	Indian Banking System and Central Banking
14	BCM 214	Financial Markets
15	BCM 215	Success Stories in Entrepreneurship
16	BCM 216	Environment for Entrepreneurship
17	BCM 217	Brand Management
18	BCM 218	Marketing and Social Responsibility

Bachelor of Commerce (B.Com.) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BCM 301	Advanced Accounting Paper
02	BCM 302	International Economics
03	BCM 303	Income Tax Paper
04	BCM 304	Foundation of Mercantile Law
05	BCM 305	Methods and Techniques of Costing
06	BCM 306	Techniques of Costing
07	BCM 307	Banking law and operations
08	BCM 308	Inclusive Financial System
09	BCM 309	New Venture Creation
10	BCM 310	Financial Management For Entrepreneurship
11	BCM 311	Marketing –An Indian Perspective
12	BCM 312	Marketing of Services
13	BCM 313	Contemporary Indian Economic Issues and Policies
14	BCM 314	Indirect Taxes Paper 2
15	BCM 315	Allied Concepts in Mercantile Law
16	BCM 316	Strategic Cost Management
17	BCM 317	Recent Trends in Cost Accounting
18	BCM 318	Banking trends and practice
19	BCM 319	international Financial System And Emerging Financial Markets
20	BCM 320	Marketing And Human Resource Management
21	BCM 321	Strategic Enterprise Management
22	BCM 322	Advertising Management
23	BCM 323	Marketing-A Global Perspective

Master of Commerce (M.Com.) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCM 101	Management Principles and Practice
02	MCM 102	Business Environment
03	MCM 103	Managerial Economics
04	MCM 104	Computer Applications in Business
05	MCM 105	Business Communication
06	MCM 106	International Business
07	MCM 107	Financial Markets and Institutions
08	MCM 108	Security Analysis and Portfolio Management
09	MCM 109	Consumer Behaviour
10	MCM 110	Marketing Communication
11	MCM 111	Project Planning and Evaluation

Master of Commerce (M.Com.) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MCM 201	Financial Management
02	MCM 202	Marketing Management
03	MCM 203	Human Resource Management
04	MCM 204	Research Methods & Statistics
05	MCM 205	Management Accounting
06	MCM 206	Legal Aspects of Business
07	MCM 207	Management of Financial Services
08	MCM 208	Income Tax Laws and Practice

INTEGRATED COURSES

B.Com. + M.Com. (Investment) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 101	Economics Policy & Planning
02	BMI 102	Public Finance
03	BMI 103	Economics Of Labour
04	BMI 104	Taxation In India
05	BMI 105	Cost Accounting
06	BMI 106	Managment Accounting
07	BMI 107	Risk Management and Insurance
08	BMI 108	Marketing of Services

B.Com. + M.Com. (Investment) : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 201	Research Methodology
02	BMI 202	Services Marketing & Customer Relationship Mangt
03	BMI 203	Strategic Management
04	BMI 204	E-Commerce & Legal Security
05	BMI 205	Economics Of Labour
06	BMI 206	Marketing Management
07	BMI 207	International Financial Management
08	BMI 208	Marketing of Services

B.Com. + M.Com. (Investment) : III Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 301	Management Process
02	BMI 302	Applied Statistics
03	BMI 303	Human Factor In Managent
04	BMI 304	Cost Accounting
05	BMI 305	Managment Accounting
06	BMI 306	Public Finance
07	BMI 307	Financial Management

B.Com. + M.Com. (Investment) : IV Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 401	Indian Statistics
02	BMI 402	Managerial Economics
03	BMI 403	Statistical Analysis
04	BMI 404	Advanced Financial & Cost Accounting
05	BMI 405	Banking & Insurance Services
06	BMI 406	Entrepreneurship Development
07	BMI 407	Corporate Financial Accounting

B.Com. + M.Com. (Investment) : V Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 501	Financial Institutions & Markets
02	BMI 502	Advertising & Sales Management
03	BMI 503	Project Planning & Control
04	BMI 504	Marketing Research
05	BMI 505	Security Analysis & Portfolio Management
06	BMI 506	International Marketing

B.Com. + M.com. (Finance/Accounting): I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMCA 101	Accounting Business Decisions
02	BMCA 102	Cost Control Techniques
03	BMCA 103	Indirect Taxation
04	BMCA 104	Theory and Standards of Accounting
05	BMCA 105	Costing Methods
06	BMCA 106	Preparation of Final Accounts of Companies
07	BMCA 107	Valuation of Goodwill and Share

B.Com. + M.com. (Finance/Accounting) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMCA 201	Insurance and risk management
02	BMCA 202	Corporate Accounting
03	BMCA 203	Direct Taxes
04	BMCA 204	International Financial Management
05	BMCA 205	Project Report & Viva-Voce
06	BMCA 206	Corporate Accounting
07	BMCA 207	Accounting for Amalgamation of Companies

B.Com. + M.com. (Finance/Accounting) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMCA 301	Financial Accounting
02	BMCA 302	E-commerce
03	BMCA 303	Investment and Portfolio Management
04	BMCA 304	Business research method
05	BMCA 305	Enterprise resource planning
06	BMCA 306	Management Principles and Practice
07	BMCA 307	Business Environment

B.Com. + M.com. (Finance/Accounting) : IV Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMCA 401	Management Accounting
02	BMCA 402	Computerized accounting
03	BMCA 403	Financial Services
04	BMCA 404	Managerial Finance
05	BMCA 405	Theoretical Framework of Business Environmen
06	BMCA 406	Economic Environment of Business
07	BMCA 407	New Economic Policy

B.Com. + M.com. (Finance/Accounting) : V Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMCA 501	Communicative skills
02	BMCA 502	Human resource management
03	BMCA 503	Modern Banking
04	BMCA 504	Applied cost accounting
05	BMCA 505	Political and Legal Environment of Business
06	BMCA 506	Technological Environment
07	BMCA 507	Managerial Economics

B.com. + M.Com. (Insurance) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 101	Banking And Insurance
02	BMI 102	Management Accounting
03	BMI 103	Financial Markets And Services
04	BMI 104	Indirect Tax
05	BMI 105	Corporate Financial Accounting
06	BMI 106	Management Principles and Practice
07	BMI 107	Business Environment
08	BMI 108	Computer Applications in Business

B.com. + M.Com. (Insurance) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 201	Advanced Learner Course - Customer Relationship Management
02	BMI 202	Investment Management
03	BMI 203	Comprehensive Examination
04	BMI 204	Political And Legal Environment Of Businessin India
05	BMI 205	Macro-Economic Frame Workin Indian Economy
06	BMI 206	Indian And International Economic Institutions

B.com. + M.Com. (Insurance) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 301	Accounting For Managerial Decisions
02	BMI 302	Marketing Management
03	BMI 303	Industrial Law
04	BMI 304	Organizational Behavior
05	BMI 305	Socio-Cultural Environment And Business Policy
06	BMI 306	Human Resource Practices In India
07	BMI 307	Business Environment

B.com. + M.Com. (Insurance) : IV Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 401	Idc - Quantitative Techniques For Commerce
02	BMI 402	Quantitative Techniques For Commerce
03	BMI 403	Economics For Decision Making
04	BMI 404	Management Information System
05	BMI 405	Marketing Management
06	BMI 406	Advanced Financial Accounting
07	BMI 407	Business Communication

B.com. + M.Com. (Insurance) : V Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMI 501	Financial Management
02	BMI 502	Auditing
03	BMI 503	Human Resource Management
04	BMI 504	Business Environment
05	BMI 505	Operations Research
06	BMI 506	Research Methodology
07	BMI 507	Management of Financial Services

B.Com. + M.Com. (Taxation) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMT 101	Accounting for Business Decisions
02	BMT 102	Management Concepts & Organisational Behaviour
03	BMT 103	Managerial Economics
04	BMT 104	Business Environment
05	BMT 105	Cost Analysis & Control
06	BMT 106	Indian Tax System
07	BMT 107	Income Tax Law Procedure
08	BMT 108	Fundamental Principles of Accounting

B.Com. + M.Com. (Taxation) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMT 201	Functional Management
02	BMT 202	Advance Accounting
03	BMT 203	Advanced Statistical Analysis
04	BMT 204	Corporate Legal Framework
05	BMT 205	Business Mathematics
06	BMT 206	Indian Contract Act and Sale of Goods Act
07	BMT 207	Business Organization

B.Com. + M.Com. (Taxation) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMT 301	International Business
02	BMT 302	Accounting for Managerial Decisions
03	BMT 303	Tax Planning & management
04	BMT 304	Entrepreneurship Skill Development
05	BMT 305	Financial Accounting
06	BMT 306	Partnership Accounting
07	BMT 307	Business Regulatory Framework

B.Com. + M.Com. (Taxation) : IV Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMT 401	Research Methodology
02	BMT 402	Accounting Theory
03	BMT 403	Corporate Accounting
04	BMT 404	Company Law & Secretarial Practices
05	BMT 405	Project Report/Dissertation
06	BMT 406	Business Communications
07	BMT 407	Income Tax Procedure & Practices

B.Com. + M.Com. (Taxation) : V Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BMT 501	Research Methodology I
02	BMT 502	Direct Tax
03	BMT 503	Indirect Tax
04	BMT 504	Business Taxation
05	BMT 505	Project Report/Dissertation
06	BMT 506	Wealth Tax & Vat Procedure and Practices
07	BMT 507	Basics of Company Accounts
08	BMT 508	Theory and Practice of Cost
09	BMT 509	Indian Company Act
10	BMT 510	Principles of Statistics
11	BMT 511	Central Excise Procedure & Practice
12	BMT 512	Custom Procedure & Practice
13	BMT 513	Income Tax for Individuals
14	BMT 514	Accounting for Managers
15	BMT 515	Financial Management
16	BMT 516	Marketing Management

DIPLOMA COURSES

Diploma In Taxation : Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DT 101	Income Tax Act, 1961
02	DT 102	Central Sales Tax Act, 1956 And M. Vat Act, 2002
03	DT 103	Service Tax And Profession Tax Act, 1975
04	DT 104	Central Excise And Customs Laws
05	DT 105	Advanced Corporate Accounts
06	DT 106	Advance Cost Accounts
07	DT 107	Principles Of Management
08	DT 108	Advance Statistics

Diploma in Investment : Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DI 101	Excel based training
02	DI 102	Case-study based hands-on training
03	DI 103	Training by Subject Matter Experts
04	DI 104	Dedicated Discussion Forums
05	DI 105	After Course Engagement (ACE)
06	DI 106	Interpersonal communication
07	DI 107	Human Resource Management
08	DI 108	Custom Procedure & Practice

Diploma in Accounting : Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DA 101	Fundamentals of Accounting
02	DA 102	Accounting and Audit Practice
03	DA 103	Capital Market & Indian Banking System
04	DA 104	Tally ERP -9.0 &
05	DA 105	Economics & Finance Introduction
06	DA 106	Indian Financial System
07	DA 107	Loans and Advances
08	DA 108	Financial Risk Management
09	DA 109	Commercial & Industrial Law
10	DA 110	Taxation & Management Skills

FACULTY OF SCIENCE

B.Sc. (PCB) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCB 101	English
02	BSCB 102	Hindi
03	BSCB 103	Sanskrit
04	BSCB 104	Supplementary English
05	BSCB 105	Apiculture
06	BSCB 106	Biochemistry
07	BSCB 107	Bio Informatics
08	BSCB 108	Botany
09	BSCB 109	Biological Tech. & Spec. Prep
10	BSCB 110	Biotechnology
11	BSCB 111	Chemistry
12	BSCB 112	Computer Application
13	BSCB 113	Computer Maintenance
14	BSCB 114	Computer Science
15	BSCB 115	Computer Application(Vocational)
16	BSCB 116	Electronics (Instrumentation)
17	BSCB 117	Environmental Science
18	BSCB 118	Fisheries
19	BSCB 119	Forensic Science
20	BSCB 120	Food Science
21	BSCB 121	Geology
22	BSCB 122	Geography

B.Sc. (PCB) : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCB 201	Industrial Fish & Fisheries
02	BSCB 202	Information Technology
03	BSCB 203	Industrial Microbiology
04	BSCB 204	Industrial Chemistry
05	BSCB 205	Instrumentation
06	BSCB 206	Microbiology
07	BSCB 207	Mathematics
08	BSCB 208	Petrochemical Science
09	BSCB 209	Physics
10	BSCB 210	Seed Technology & Computer Application(Vocational)
11	BSCB 211	Industrial Chemistry(Vocational)
12	BSCB 212	Statistics
13	BSCB 213	Zoology

B.Sc. (PCB) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT	SUBJECT CODE	SUBJECT
01	BSCB 301	Bio Informatics	BSCB 322	Microbiology
02	BSCB 302	Botany	BSCB 323	Mathematics
03	BSCB 303	Biological Tech. & Spec. Prep.	BSCB 324	Petrochemical Science
04	BSCB 304	Bio-Technology	BSCB 325	Physics
05	BSCB 305	Chemistry	BSCB 326	Seed Technology
06	BSCB 306	Computer Application	BSCB 327	Statistics
07	BSCB 307	Computer Maintenance	BSCB 328	Zoology
08	BSCB 308	Computer Science	BSCB 329	Computer
09	BSCB 309	Electronics (Instrumentation)	BSCB 330	Application(Vocational)
10	BSCB 310	Environmental Science		
11	BSCB 311	Fishries		
12	BSCB 312	Forensic Science		
13	BSCB 313	Food Science		
14	BSCB 314	Geology		
15	BSCB 315	Industrial		
16	BSCB 316	Chemistry(Vocational)		
17	BSCB 317	Geography		
18	BSCB 318	Industrial Fish & Fisheries		
19	BSCB 319	Information Technology		
20	BSCB 320	Industrial Microbiology		
21	BSCB 321	Industrial Chemistry		

B.Sc. (PCM)) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCP 101	Mechanics
02	BSCP 102	Thermal Physics
03	BSCP 103	Differential Equations & Vector Calculus
04	BSCP 104	Differential & Integral Calculus
05	BSCP 105	Real Analysis – I
06	BSCP 106	Introductory Organic Chemistry
07	BSCP 107	Atomic Structure & Periodic Classification
08	BSCP 108	Chemical Kinetics & Electro Chem.
09	BSCP 109	Moral & Value Education
10	BSCP 110	Waves & Oscillations
11	BSCP 111	Electromagnetism
12	BSCP 112	Real Analysis – II
13	BSCP 113	Algebra – I
14	BSCP 114	3d Coordinate Geometry
15	BSCP 115	Hydro Carbons
16	BSCP 116	Chemical Bonding & Nuclear Chem.
17	BSCP 117	Gases, Chemical Equilibrium & Surface Chem.
18	BSCP 118	Physics Lab. – I
19	BSCP 119	Structural & Spoken English

B.Sc. (PCM)) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCP 201	Atomic & Nuclear Physics
02	BSCP 202	Optics & Statics
03	BSCP 203	Linear Algebra –I
04	BSCP 204	Real Analysis – III
05	BSCP 205	Aliphatic Compounds
06	BSCP 206	Main Group Elements
07	BSCP 207	Thermodynamics – I & Ionic Equilib
08	BSCP 208	Modern Optics & Dynamics
09	BSCP 209	Statistical Physics & Astrophysics
10	BSCP 210	Linear Algebra-II
11	BSCP 211	Numerical- Analysis
12	BSCP 212	Aromatic Compounds
13	BSCP 213	Thermodynamic – II, Phase Equilib & Radio Chem
14	BSCP 214	Physics Lab. – II

B.Sc. (PCM)) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCP 301	Quantum Mechanics
02	BSCP 302	Electronics – I
03	BSCP 303	Algebra- II
04	BSCP 304	Advanced Analysis
05	BSCP 305	Hydrodynamics
06	BSCP 306	Coordination Chemistry & Isomerism.
07	BSCP 307	Solution Chemistry & Advanced Electrochemistry
08	BSCP 308	Natural Products
09	BSCP 309	Computer Applications
10	BSCP 310	Environmental Studies – I
11	BSCP 311	Solid State Physics
12	BSCP 312	Electronics – II
13	BSCP 313	Physics Lab – III
14	BSCP 314	Partial Differential Equations
15	BSCP 315	Number Theory
16	BSCP 316	Optimization Techniques
17	BSCP 317	Advanced Organic Chemistry
18	BSCP 318	Spectroscopy
19	BSCP 319	Photo Chemistry & Advanced Wave Mechanics
20	BSCP 320	Computer Languages
21	BSCP 321	Environmental Studies – li

B.SC. Home Science : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCHC 101	Communication and Extension
02	BSCHC 102	Communication and Extension Practical
03	BSCHC 103	Resource Management
04	BSCHC 104	Resource Management Practical
05	BSCHC 105	Fashion Studies
06	BSCHC 106	Fashion Studies Practical
07	BSCHC 107	Nutrition for the Family
08	BSCHC 108	Nutrition for the Family Practical

B.SC. Home Science : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCHC 201	English Communications/ Environmental Science
02	BSCHC 202	Fundamentals of Nutrition and Food Science
03	BSCHC 203	Fundamentals of Nutrition and Food Science Practical
04	BSCHC 204	Life Span Development I
05	BSCHC 205	Life Span Development I Practical
06	BSCHC 206	Fundamentals of Textiles
07	BSCHC 207	Fundamentals of Textiles Practical
08	BSCHC 208	Physical Sciences
09	BSCHC 209	Physical Sciences Practical
10	BSCHC 210	Life Span Development II
11	BSCHC 211	Life Span Development II Practical

B.SC. Home Science: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCHC 301	Life Sciences
02	BSCHC 302	Life Sciences Practical
03	BSCHC 303	Personal Finance and Consumer Studies
04	BSCHC 304	Personal Finance and Consumer Studies Practical
05	BSCHC 305	Communication Systems and Social Change
06	BSCHC 306	Communication Systems and Social Change Practical
07	BSCHC 307	Clothing Construction
08	BSCHC 308	Interior Design
09	BSCHC 309	Fundamentals of Psychology: Behavioural Processes
10	BSCHC 310	Human Nutrition
11	BSCHC 311	Home Science Extension Education

B.Sc. Statistics: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCS 101	Statistical Methods-I
02	BSCS 102	Probability Theory
03	BSCS 103	Statistical Methods-II
04	BSCS 104	Probability Distributions
05	BSCS 105	Descriptive Statistics
06	BSCS 106	Linear algebra
07	BSCS 107	Probability Theory 1
08	BSCS 108	Numerical Methods

B.Sc. Statistics: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCS 201	Elementary Inference
02	BSCS 202	Sample Surveys
03	BSCS 203	Parametric and Nonparametric tests
04	BSCS 204	Design of Experiments
05	BSCS 205	Probability Theory 2
06	BSCS 206	Indian Statistical System
07	BSCS 207	Statistical quality control
08	BSCS 208	Population Statistics

B.Sc. Statistics: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCS 301	Applied Statistics
02	BSCS 302	Numerical Methods and Fundamentals of Computers
03	BSCS 303	Statistical Quality Control
04	BSCS 304	Operations Research
05	BSCS 305	Demographics study
06	BSCS 306	Categorical Data analysis
07	BSCS 307	Analysis of Variance
08	BSCS 308	Mathematical and Computing basics in statistics

B.Sc. Microbiology/ Bio Technology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCMB 101	Macromolecular Structure & Analysis
02	BSCMB 102	Biophysics & Instrumentation
03	BSCMB 103	Cell Structure & Dynamics
04	BSCMB 104	Biomathematics – I
05	BSCMB 105	Chemistry
06	BSCMB 106	Introduction to Computer
07	BSCMB 107	Basic Microscopy & Instrumentation

B.Sc. Microbiology/ Bio Technology: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCMB 201	Organic Mechanisms in Biology
02	BSCMB 202	Principles of Transmission Genetics
03	BSCMB 203	Principles of Microbiology
04	BSCMB 204	Microbial Growth & Reproduction
05	BSCMB 205	Chemistry
06	BSCMB 206	Introduction to C-Programming & Digital Logic
07	BSCMB 207	Cyto-genetic Techniques
08	BSCMB 208	Microbiology

B.Sc. Microbiology/ Bio Technology: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCMB 301	Microbial Genetics
02	BSCMB 302	Principles of Immunology
03	BSCMB 303	Plant and Animal Tissue Culture Techniques and applications
04	BSCMB 304	Microbial diversity & classification
05	BSCMB 305	Chemistry
06	BSCMB 306	Introduction to Data Structure & Computer Organization
07	BSCMB 307	Immunology
08	BSCMB 308	Tissue Culture Techniques

B.Sc. Forensic Science: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCFS 101	Introduction to Forensic Science
02	BSCFS 102	Crime and Society
03	BSCFS 103	Criminal Law
04	BSCFS 104	Forensic Psychology
05	BSCFS 105	History of Development of Forensic Science in India
06	BSCFS 106	Tools and Techniques in Forensic Science
07	BSCFS 107	Organizational set up of Forensic Science Laboratories in India
08	BSCFS 108	Basics of Criminology
09	BSCFS 109	Criminal Justice System

B.Sc. Forensic Science: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCFS 201	Forensic Dermatoglyphics
02	BSCFS 202	Technological Methods in Forensic Science
03	BSCFS 203	Criminalities
04	BSCFS 204	Forensic Chemistry
05	BSCFS 205	Questioned Documents
06	BSCFS 206	Forensic Biology
07	BSCFS 207	Law to Combat Crime
08	BSCFS 208	Constitution of India
09	BSCFS 209	Acts Pertaining to Socio-economic and Environmental Crimes
10	BSCFS 210	Basics of Forensic Psychology

B.Sc. Forensic Science: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCFS 301	Forensic Ballistics
02	BSCFS 302	Forensic Toxicology
03	BSCFS 303	Forensic Anthropology
04	BSCFS 304	Detection of Deception
05	BSCFS 305	Psychology and Criminal Behavior
06	BSCFS 306	Forensic Dermatoglyphics
07	BSCFS 307	Basics of Fingerprinting
08	BSCFS 308	Development of Fingerprints
09	BSCFS 309	Other Impressions
10	BSCFS 310	Technological Methods in Forensic Science
11	BSCFS 311	Microscopy
12	BSCFS 312	Forensic photography

A. Discipline Specific	A. Discipline Specific
Two each in Years. To be chosen from the following. Digital Forensics Economic Offences Forensic Serology Accident Investigations Typing Dissertation (in Third Year only)	One each in Years. To be chosen from the following Physics Chemistry Botany Zoology Anthropology Computer Science Economics Psychology

B.Sc. Geology: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCG 101	English – I
02	BSCG 102	Dynamic Geology
03	BSCG 103	Geomorphology
04	BSCG 104	Crystallography and Mineralogy
05	BSCG 105	Palaeontology and General stratigraphy
06	BSCG 106	Practical I: Palaeontology

B.Sc. Geology: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCG 201	English – II
02	BSCG 202	Crystallography and Optical Mineralogy
03	BSCG 203	Mineralogy
04	BSCG 204	English – IV
05	BSCG 205	Indian Stratigraphy
06	BSCG 206	Structural Geology

B.Sc. Geology: III Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BSCG 301	Igneous Petrology
02	BSCG 302	Sedimentary and Metamorphic Petrology
03	BSCG 303	Petrology
04	BSCG 304	Field Geology (or) Environmental Geology and Marine Geology
05	BSCG 305	Hydrogeology and Engineering Geology (or) Project Dissertation and Viva voce
06	BSCG 306	Igneous Petrology
07	BSCG 307	Sedimentary and Metamorphic Petrology

M.Sc. Chemistry: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCC 101	Bimolecular
02	MSCC 102	Analytical Techniques
03	MSCC 103	Advance Enzymologist
04	MSCC 104	Bio-Energetic & Biological Oxidation
05	MSCC 105	Inorganic Chemistry Unit-1: Covalent and Ionic Bondings
06	MSCC 106	Chemistry of Lanthanides and Actinides and Studies on Magnetism
07	MSCC 107	Chemistry of Non-aqueous Solvents
08	MSCC 108	Nuclear Chemistry

M.Sc. Chemistry: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCC 201	Chemistry And Technology Of Polymers
02	MSCC 202	Organic Chemistry
03	MSCC 203	Coordination & Organ metallic Chemistry
04	MSCC 204	Physical Chemistry
05	MSCC 205	Chemistry of Solid State
06	MSCC 206	Organic Chemistry - I
07	MSCC 207	Electron Displacement, Introduction to Reaction Mechanism and Aromaticity
08	MSCC 208	Reaction Mechanisms I - Substitution Reactions

M.Sc. Physics: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCP 101	Research Methodology
02	MSCP 102	Comprehensive Examination
03	MSCP 103	Organic Chemistry Ii (Rearrangements, Pericyclic Reactions & Photochemistry
04	MSCP 104	Analytical Techniques In Chemistry
05	MSCP 105	Mathematical Methods
06	MSCP 106	Classical Mechanics
07	MSCP 107	Quantum Mechanics
08	MSCP 108	Electronics
09	MSCP 109	Solid State Physics
10	MSCP 110	Atomic Spectroscopy
11	MSCP 111	Nuclear Physics
12	MSCP 112	Relativity and Cosmology
13	MSCP 113	Classical Electrodynamics

M.Sc. Physics: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCP 201	Spectroscopy
02	MSCP 202	Organic Chemistry
03	MSCP 203	Physical Chemistry
04	MSCP 204	Clinical Biochemistry
05	MSCP 205	Bioinformatics, Biostatistics & Search Methodology
06	MSCP 206	Advanced Optics
07	MSCP 207	Statistical Mechanics
08	MSCP 208	Molecular Spectroscopy

M.Sc. Zoology: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCZ 101	Animal Structure & Function(Non-Chordate)
02	MSCZ 102	Animal Structure & Function(Chordate)
03	MSCZ 103	Gamete Biology
04	MSCZ 104	Genes & Differentiation
05	MSCZ 105	Molecular Cell Biology
06	MSCZ 106	Tools & Techniques In Biology

M.Sc. Zoology: II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCZ 201	Molecular Cell Biology
02	MSCZ 202	Tools & Techniques In Biology
03	MSCZ 203	Endocrinology
04	MSCZ 204	Ecology & Environment
05	MSCZ 205	Gamete Biology
06	MSCZ 206	Genes And Differentiation
07	MSCZ 207	Endocrinology & Ecology & Environment

M.Sc. Microbiology / Bio Technology: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCMB 101	Microbial Techniques
02	MSCMB 102	Microbial Enzymologist
03	MSCMB 103	Microbial Physiology & Photosynthesis
04	MSCMB 104	Environmental Microbiology
05	MSCMB 105	General Microbiology
06	MSCMB 106	Principles of Biochemistry
07	MSCMB 107	Basics of Microbial Biotechnology

M.Sc. Microbiology / Bio Technology: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCMB 201	Biostatistics, Bioinformatics & Computer Applications
02	MSCMB 202	Enzyme Technology
03	MSCMB 203	Microbial Metabolism
04	MSCMB 204	Environmental Microbiology & Extremophiles
05	MSCMB 205	Techniques in Microbial Biotechnology
06	MSCMB 206	Production of Microbial Biomass
07	MSCMB 207	Fundamentals of Microbial Remediation
08	MSCMB 208	Molecular Biology
09	MSCMB 209	Biostatistics and Bioinformatics
10	MSCMB 210	Biochemical Engineering
11	MSCMB 211	Genetic Engineering of Microorganisms
12	MSCMB 212	Communication Skills development

M.Sc. Home Science: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCHC 101	Research methods
02	MSCHC 102	Therapeutic nutrition
03	MSCHC 103	Child human rights
04	MSCHC 104	Extension management
05	MSCHC 105	Entrepreneurship management
06	MSCHC 106	Statistics
07	MSCHC 107	Apparel design
08	MSCHC 108	Maternal and child nutrition
09	MSCHC 109	Advertising and marketing

M.Sc. Home Science: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCHC 201	Scientific writing
02	MSCHC 202	Development communication
03	MSCHC 203	Nutrition for health
04	MSCHC 204	Advance studies in human development
05	MSCHC 205	Housing for family living
06	MSCHC 206	Environment management
07	MSCHC 207	Communication technologies in extension
08	MSCHC 208	Advance apparel and design
09	MSCHC 209	Care and children with illness
10	MSCHC 210	Residential interior space design & Dissertation.

M.Sc. Forensic Science: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCFS 101	Forensic Science and Criminal Justice System
02	MSCFS 102	Medical Jurisprudence
03	MSCFS 103	Questioned Documents, Finger prints and other impressions
04	MSCFS 104	Instrumental Methods – Physical
05	MSCFS 105	Crime scene investigation -
06	MSCFS 106	Instrumental Methods - Chemical
07	MSCFS 107	Forensic Chemistry and Explosives
08	MSCFS 108	Forensic Toxicology and Pharmacology
09	MSCFS 109	Instrumental Methods (Physical, Chemical & Biological)
10	MSCFS 110	Forensic Chemistry and Toxicology
11	MSCFS 111	Emerging trends in Forensic Science

M.Sc. Forensic Science: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCFS 201	Forensic Serology and DNA Profiling
02	MSCFS 202	Biological
03	MSCFS 203	Forensic Biology
04	MSCFS 204	Forensic Ballistics and Photography
05	MSCFS 205	Forensic Physics and Cyber Forensic
06	MSCFS 206	Forensic Physics, Ballistics and Cyber Forensic
07	MSCFS 207	Forensic Biology and Serology
08	MSCFS 208	Toxicants & Forensic Toxicology
09	MSCFS 209	Chromatographic Techniques

M.Sc. Geology: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCG 101	Mineralogy
02	MSCG 102	Structural Geology & Tectonics
03	MSCG 103	Geochemistry & Analytical Techniques
04	MSCG 104	Palaeobiology
05	MSCG 105	Igneous Petrology
06	MSCG 106	Metamorphic Petrology
07	MSCG 107	Sediment logy
08	MSCG 108	Geomorphology & Field Geology
09	MSCG 109	Dissertation

M.Sc. Geology: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCG 201	Stratigraphy
02	MSCG 202	Ore Geology & Mining Geology
03	MSCG 203	Hydrogeology
04	MSCG 204	Exploration Methods
05	MSCG 205	Remote Sensing & GIS
06	MSCG 206	Environmental Geology & Engineering Geology
07	MSCG 207	Indian Mineral Deposits & Mineral Economics
08	MSCG 208	Petroleum & Coal Geology

M.Sc. Environment Science: I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCES 101	Environmental Sci.-An Interdisciplinary Approach
02	MSCES 102	Concepts Of Ecology & Biodiversity
03	MSCES 103	Environmental Chemistry
04	MSCES 104	Geodynamics & Energy Resources
05	MSCES 105	Environmental Science-An Interdisciplinary Approac
06	MSCES 106	Concepts Of Ecology & Biodiversity
07	MSCES 107	Environmental Chemistry
08	MSCES 108	Geodynamics & Energy Resources

M.Sc. Environment Science: II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MSCES 201	Bioinformatics In Environmental Analysis
02	MSCES 202	Environmental Microbiology
03	MSCES 203	Air & Noise Pollution
04	MSCES 204	Water Pollution
05	MSCES 205	Bioinformatics In Environmental Analysis
06	MSCES 206	Environmental Microbiology
07	MSCES 207	Air & Noise Pollution
08	MSCES 208	Water Pollution
09	MSCES 209	Terrestrial Pollution

Diploma in Fire Safety & Hazard Management: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DFSHM 101	Fire Tech & Design
02	DFSHM 102	Construction Safety
03	DFSHM 103	Industrial Safety
04	DFSHM 104	Environmental Safety
05	DFSHM 105	Safety of People in the event of Fire
06	DFSHM 106	Fire Risk Assessment
07	DFSHM 107	Fundamental of Fire Engineering Science
08	DFSHM 108	Fire Control Technology
09	DFSHM 109	Fire Fighting Drills-I

B.Sc. Fire Safety & Hazard Management: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BFSHM 101	Safety Management
02	BFSHM 102	Fire Science
03	BFSHM 103	Fire Technology
04	BFSHM 104	Industrial Safety
05	BFSHM 105	Communication & Soft Skills
06	BFSHM 106	Construction Industry Safety
07	BFSHM 107	Emergency Planning & First Aid
08	BFSHM 108	Communicative English

B.Sc. Fire Safety & Hazard Management: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BFSHM 201	Security Management of Industrial Plants
02	BFSHM 202	Organization, Administration and Management Responsibility
03	BFSHM 203	Chemical and Environmental Hazards
04	BFSHM 204	Industrial Psychology, Ergonomics and Accidents
05	BFSHM 205	Industrial Noise and Noise Control
06	BFSHM 206	Industrial Safety Analysis
07	BFSHM 207	Safety In Power Plants

B.Sc. Fire Safety & Hazard Management: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BFSHM 301	Radiation Hazards
02	BFSHM 302	Safety Training for Employees and HRD
03	BFSHM 303	Social Security in Industries
04	BFSHM 304	Occupational Health Safety
05	BFSHM 305	Controlling Environmental Pollution
06	BFSHM 306	Disaster Management
07	BFSHM 307	Energy Conservation and Sustainable Development

FACULTY OF PARAMEDICAL SCIENCE

Diploma in Medical Lab Technician (DMLT) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DMLT 101	Basic Haematology
02	DMLT 102	Blood banking & Immune Haematology
03	DMLT 103	Clinical Pathology (body fluids) and Parasitological
04	DMLT 104	Clinical Biochemistry
05	DMLT 105	Microbiology
06	DMLT 106	Immunology

Diploma in Medical Lab Technician (DMLT) : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DMLT 201	Basics in laboratory equipment and chemistry
02	DMLT 202	Diagnostic Microbiology
03	DMLT 203	Clinical Microbiology and Parasitological
04	DMLT 204	Clinical Pathology, Haematology and Blood Banking
05	DMLT 205	Clinical Pathology
06	DMLT 206	Biochemistry for DMLT
07	DMLT 207	Practical Human Anatomy and Physiology

Certificate in Yoga: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CY 101	Foundation Course in Yoga Science for Wellness
02	CY 102	Certificate Course in Yogasana for Health Promotion
03	CY 103	Certificate Course in Pranayama and Meditation for Health Promotion
04	CY 104	Yoga Training Programme
05	CY 105	Pranayama and Meditation Programme
06	CY 106	Fundamental principles of Yogasanas with reference to traditional Yogic

Certificate in Medical Lab Technology (CML): I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CML 101	Human Anatomy
02	CML 102	Physiology
03	CML 103	Biochemistry
04	CML 104	Pathology
05	CML 105	Microbiology
06	CML 106	Sociology
07	CML 107	Constitution of India
08	CML 108	Environmental Science and Health

Certificate in Health Inspector: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CHI 101	Anatomy and Physiology
02	CHI 102	Nutrition, Hygiene, Basic Pharmacology, Basic Microbiology
03	CHI 103	First Aid and Basic Medicine
04	CHI 104	Disaster Management and Rehabilitation
05	CHI 105	Public Healthcare and Primary Healthcare
06	CHI 106	Healthcare Statistics and Population Education
07	CHI 107	Environmental Sanitation
08	CHI 108	Communication and Health Education
09	CHI 109	Behavioural Science
10	CHI 110	Waste Management

Certificate in Mahila Ayurvedic Swasthaya: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CMAS 101	Pharmaceutical Biology
02	CMAS 102	Pharmaceutical Analysis
03	CMAS 103	Pharmaceutical Chemistry
04	CMAS 104	Pharmaceutical Engineering
05	CMAS 105	Pharmacognosy
06	CMAS 106	Patho Physiology
07	CMAS 107	Physical Pharmacy
08	CMAS 108	Pharmacology
09	CMAS 109	Pharmacognosy (Advanced)
10	CMAS 110	Toxicology
11	CMAS 111	Dravyaguna Vijnanam
12	CMAS 112	Industrial Pharmacy
13	CMAS 113	Sareera Kriya Vijnanam
14	CMAS 114	First Aid

Karyakarta Prakshishan Patyakaram: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	KPP 101	Akshay
02	KPP 102	Akshar
03	KPP 103	akadami, akaadamee
04	KPP 104	Ankit
05	KPP 105	akhil bharatiy, akhil bhaarateey
06	KPP 106	Agar
07	KPP 107	agrani, agranee

Certificate in O.T. Tech : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	COTT 101	Elementary Physics & Chemistry
02	COTT 102	Characteristics of Living Matter
03	COTT 103	Structure of Living Matter
04	COTT 104	The Tissues
05	COTT 105	Systems and Various Parts of Human Body
06	COTT 106	Development & Types of Bones
07	COTT 107	Bones of Head & Trunk
08	COTT 108	Bones of the Limbs
09	COTT 109	Joints or Articulations
10	COTT 110	Structure and action of Muscles
11	COTT 111	The chief Muscles of the Body
12	COTT 112	The Brain
13	COTT 113	The Heart and Blood Vessels
14	COTT 114	The Circulatory System
15	COTT 115	The Lymphatic System
16	COTT 116	The Respiratory System
17	COTT 117	The Digestive System
18	COTT 118	The Liver, Biliary System and Pancreas
19	COTT 119	Nutrition & Metabolism
20	COTT 120	Endocrine Glands and Exocrine Glands
21	COTT 121	The Urinary System
22	COTT 122	The Nervous System
23	COTT 123	The ear
24	COTT 124	The Eye
25	COTT 125	The Skin
26	COTT 126	The Reproductive System

Certificate in X-Ray (Radiographer) Technical: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CRT 101	Physiology
02	CRT 102	Patient care procedures
03	CRT 103	Radiation physics
04	CRT 104	Radiation protection
05	CRT 105	X-ray positioning techniques
06	CRT 106	Patient care procedures
07	CRT 107	Anatomy and physiology
08	CRT 108	Radiation protection
09	CRT 109	Image production
10	CRT 110	Radiographic procedures

Certificate in Ultrasound Technician: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CUT 101	Surgical Courses with Detailed Course Descriptions
02	CUT 102	Radiology Program
03	CUT 103	Physician's Assistant Courses and Classes
04	CUT 104	Limited X-Ray Courses
05	CUT 105	Duplex Ultrasound of Carotid Stents
06	CUT 106	Point-Of-Care Ultrasound for the Sonographer
07	CUT 107	Use of Multiplanar 3-Dimensional Ultrasonography for Prenatal Sex Identification
08	CUT 108	Detection of Tumor-Associated Neoangiogenesis by Doppler Ultrasonography During Early-Stage Ovarian Cancer in Laying Hens
09	CUT 109	Prenatal Sonographic Detection of Birth Defects

Certificate in Ayurvedic Compounder : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	CAC 101	Master of Technology (MTech Pharmaceutical Technology)
02	CAC 102	Advanced Shipboard Management (ASM)
03	CAC 103	Certificate in Securities Laws & Advanced Ayurveda
04	CAC 104	Master of Science (MSc Psychiatric Nursing)
05	CAC 105	Master of Science (MSc in Computing Science)
06	CAC 106	Master of Science (MSc Organic Chemistry)
07	CAC 107	Master of Pharmacy (MPharm)
08	CAC 108	Diploma Quantity Surveying and Valuation (DQSV)
09	CAC 109	Certification Portfolio Design & Presentation Techniques (CPDPT)
10	CAC 110	Certification Boiler Attendant (CBA)
11	CAC 111	Master of Surgery (MS Research) & Master of Science (MS Chemistry)
12	CAC 112	Master of Philosophy (MPhil Organic Chemistry)

FACULTY OF NURSING/DOCTORATE

Auxiliary Nurse & Midwife (ANM) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	ANM 101	Community Health Nursing
02	ANM 102	Nutrition
03	ANM 103	Human body and Hygiene
04	ANM 104	Environmental Sanitation
05	ANM 105	Mental health
06	ANM 106	Primary health care nursing I

Auxiliary Nurse & Midwife (ANM) : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	ANM 201	First Aid and Referral
02	ANM 202	Course Title and description
03	ANM 203	Health centre Management
04	ANM 204	Infection and Immunization
05	ANM 205	Communicable disease
06	ANM 206	Community Health Problems
07	ANM 207	Primary Medical care

General Nursing & Midwifery (GNM) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	GNM 101	Nutrition
02	GNM 102	Anatomy & Physiology
03	GNM 103	Microbiology
04	GNM 104	Psychology
05	GNM 105	Sociology
06	GNM 106	Fundamentals of Nursing
07	GNM 107	First Aid
08	GNM 108	Personal Hygiene
09	GNM 109	Community Health Nursing – I
10	GNM 110	Environmental hygiene
11	GNM 111	Health Education & Communication Skills

General Nursing & Midwifery (GNM) : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	GNM 201	Medical Surgical Nursing –I (including Pharmacology)
02	GNM 202	Medical Surgical Nursing –II (Specialities)
03	GNM 203	Mental Health & Psychiatric Nursing
04	GNM 204	Computer Education
05	GNM 205	Bio-Science
06	GNM 206	Educational Methods & Media for teaching in practice of nursing
07	GNM 207	Introduction to Research
08	GNM 208	Professional Trends and Adjustment
09	GNM 209	Administration and ward management

General Nursing & Midwifery (GNM) : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	GNM 301	Midwifery & Gynaecology
02	GNM 302	Community Health Nursing – II
03	GNM 303	Paediatric Nursing
04	GNM 304	Health Economics
05	GNM 305	Definition / meaning of research
06	GNM 306	Introduction to research process
07	GNM 307	Introduction to research approaches
08	GNM 308	Introduction to data collection process

General Nursing & Midwifery (GNM) : Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	GNM 401	Educational Methods & Media for teaching in practice of nursing
02	GNM 402	Introduction to Research
03	GNM 403	Professional Trends and Adjustment
04	GNM 404	Administration and ward management
05	GNM 405	Health Economics
06	GNM 406	Introduction to analysis of data
07	GNM 407	Application and Utilization of Research in Nursing Practice
08	GNM 408	Introduction to nursing as a profession
09	GNM 409	Professional ethics
10	GNM 410	Personal and professional growth/development

B.Sc. Nursing: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCN 101	English
02	BSCN 102	Hind
03	BSCN 103	Anatomy
04	BSCN 104	Physiology
05	BSCN 105	Biochemistry
06	BSCN 106	Nutrition
07	BSCN 107	Fundamentals of Nursing,First aid with applied Sciences and Pharmacology
08	BSCN 108	Introduction to community health
09	BSCN 109	Psychology
10	BSCN 110	Introduction to medical surgical nursing

B.Sc. Nursing: II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCN 201	Med.Surg.Nursing Orthopaedics
02	BSCN 202	Med.Surg.Nursing E.N.T.
03	BSCN 203	Med.Surg.Nursing Skin & Communicable diseases
04	BSCN 204	Med.Surg.Nursing Eye
05	BSCN 205	Med.Surg.Nursing Gynae
06	BSCN 206	Med.Surg.Nursing General Med. Surg
07	BSCN 207	Med.Surg.Nursing Applied pharmacology
08	BSCN 208	Psychiatric Nursing
09	BSCN 209	O.T. Technique
10	BSCN 210	Microbiology
11	BSCN 211	Health Education & A.V.Aids.

B.Sc. Nursing: III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCN 301	Med.Surg. Nursing (speciality nursing) ICU
02	BSCN 302	Paediatric Nursing & Growth & Development
03	BSCN 303	Public Health Nursing
04	BSCN 304	M.C.H
05	BSCN 305	Sociology & Social Medicine
06	BSCN 306	Trends in Nursing & Professional adjustment
07	BSCN 307	Legislation in nursing
08	BSCN 308	Professional and related organizations
09	BSCN 309	Organization: Command, Co-ordination and Control, Delegation, Staffing and Budgeting
10	BSCN 310	Administration of a hospital unit and ward

B.Sc. Nursing : IV Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCN 401	Midwifery & Obstetrical Nursing
02	BSCN 402	Principles of administration & supervision
03	BSCN 403	Elective-Introduction to Research and statistics
04	BSCN 404	Anatomy & Physiology
05	BSCN 405	Biochemistry, Nutrition and Dietetics
06	BSCN 406	Fundamentals of Nursing and First Aid Introduction to community health
07	BSCN 407	Nursing Practical Fundamentals of Nursing & First Aid

M.Sc. Nursing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCN 101	Advance Nursing & Allied subjects
02	MSCN 102	Nursing Education
03	MSCN 103	Research & Statistics
04	MSCN 104	Clinical Nursing I
05	MSCN 105	Personal Management
06	MSCN 106	Management of Equipment and supplies
07	MSCN 107	Introduction to Health Economics
08	MSCN 108	Costs of Health Care

M.Sc. Nursing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCN 201	Nursing Management
02	MSCN 202	Clinical Nursing II
03	MSCN 203	(Clinical Nursing, Thesis viva, Nursing Education & Management)
04	MSCN 204	Mechanical ventilation
05	MSCN 205	O.T techniques
06	MSCN 206	Demand and Supply in Health Care.
07	MSCN 207	Financing of Health Care in India
08	MSCN 208	The economics of health and health care service Health and economic development.
09	MSCN 209	Causes of health problems in India.
10	MSCN 210	Structure of health care industry.
11	MSCN 211	Health Economics

FACULTY OF MBBS/BDS

MBBS : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MBBS 101	Osteology
02	MBBS 102	Muscular System
03	MBBS 103	Arthrology
04	MBBS 104	Cardio Vascular System
05	MBBS 105	Respiratory System
06	MBBS 106	Digestive System
07	MBBS 107	Genito-Urinary System
08	MBBS 108	Endocrine System and Individual Endocrine Glands
09	MBBS 109	Nervous System and its components
10	MBBS 110	Special Sensory Organs
11	MBBS 111	Lymphatic System
12	MBBS 112	Lymphatic System
13	MBBS 113	Cross Sectional Anatomy

MBBS : II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MBBS 201	Systemic Embryology
02	MBBS 202	Human Genetics
03	MBBS 203	Gross Anatomy
04	MBBS 204	Neuro Anatomy
05	MBBS 205	Demonstrations
06	MBBS 206	Microscopic Anatomy
07	MBBS 207	Developmental Anatomy
08	MBBS 208	Genetics & Skills

MBBS : III Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MBBS 301	Histology
02	MBBS 302	. Developmental Anatomy
03	MBBS 303	Neuroanatomy
04	MBBS 304	Genetics
05	MBBS 305	Biological cell
06	MBBS 306	Bio molecules
07	MBBS 307	Enzymes
08	MBBS 308	Metabolic pathways, their regulation and metabolic interrelationships
09	MBBS 309	Amino acid metabolism
10	MBBS 310	Lipid metabolism

MBBS : IV Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MBBS 401	Regulation of the metabolic pathways
02	MBBS 402	Food assimilation and nutrition
03	MBBS 403	Hormones
04	MBBS 404	Molecular Biology
05	MBBS 405	PH, Buffer, physiological buffer systems
06	MBBS 406	Immunology
07	MBBS 407	Environmental biochemistry, cancer and cancer makers

MBBS : V Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	MBBS 501	General Physiology
02	MBBS 502	Nerve–Muscle
03	MBBS 503	Blood
04	MBBS 504	Respiratory System
05	MBBS 505	Cardiovascular System
06	MBBS 506	Gastrointestinal System
07	MBBS 507	Nutrition
08	MBBS 508	Environmental Physiology
09	MBBS 509	Reproduction
10	MBBS 510	Kidney
11	MBBS 511	Neurophysiology

BDS : I Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BDS 101	General Human Anatomy including Embryology and Histology
02	BDS 102	General Human Physiology and Biochemistry, Nutrition and Dietetics
03	BDS 103	Dental Materials
04	BDS 104	Dental Anatomy, Embryology and Oral Histology
05	BDS 105	Preclinical Conservative Dentistry
06	BDS 106	Preclinical Prosthodontics and Crown & Bridge
07	BDS 107	Orthodontics & Dentofacial Orthopaedics
08	BDS 108	Oral Medicine & Radiology
09	BDS 109	Public Health Dentistry
10	BDS 110	Periodontology
11	BDS 111	Prosthodontics & Crown and Bridge
12	BDS 112	Conservative Dentistry and Endodontic
13	BDS 113	Oral & Maxillofacial Surgery
14	BDS 114	Paediatric & Preventive Dentistry

BDS : II Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BDS 201	General Pathology and Microbiology
02	BDS 202	General and Dental Pharmacology and Therapeutics
03	BDS 203	Dental Anatomy, Embryology and Oral Histology
04	BDS 204	Dental Materials
05	BDS 205	Pre clinical Conservative Dentistry
06	BDS 206	Preclinical Prosthodontics and Crown & Bridge
07	BDS 207	Pre clinical Orthodontics
08	BDS 208	Oral Pathology & Oral Microbiology
09	BDS 209	Prosthodontics and Crown & Bridge
10	BDS 210	Conservative Dentistry and Endodontics
11	BDS 211	Oral & Maxillofacial Surgery
12	BDS 212	Paediatric & Preventive Dentistry Emphasis on Comprehensive Dental Care

BDS : III Year**Full Marks 100 (Theory -70 & Practical-30)**

SL. NO	SUBJECT CODE	SUBJECT
01	BDS 301	General Medicine
02	BDS 302	General Surgery
03	BDS 303	Oral Pathology and Oral Microbiology
04	BDS 304	Conservative Dentistry and Endodontic
05	BDS 305	Oral & Maxillofacial Surgery
06	BDS 306	Oral Medicine and Radiology
07	BDS 307	Orthodontics & Dent facial Orthopaedics
08	BDS 308	Paediatric & Preventive Dentistry
09	BDS 309	Prosthodontics and Crown & Bridge
10	BDS 310	Period ontology
11	BDS 311	Public Health Dentistry

FACULTY OF LIBRARY & INFORMATION SCIENCE

Diploma in Library Sciences : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DLS 101	Archives Management
02	DLS 102	Information Retrieval
03	DLS 103	Documentation
04	DLS 104	Research methods in Library Sciences
05	DLS 105	Concepts of Library Cataloguing
06	DLS 106	Elements of Library Management

Bachelor of library Sciences: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BLS 101	Library Organisation
02	BLS 102	History & Development of Libraries
03	BLS 103	Theory of classification
04	BLS 104	Prolegomena to library classification
05	BLS 105	Endowment for Library Science
06	BLS 106	Software for university libraries
07	BLS 107	Library management
08	BLS 108	Library administration
09	BLS 109	Theory of cataloguing
10	BLS 110	Sarada Ranganathan Endowment for Library Science

Master of Library Science : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MLS 101	Introduction to Research Methodology
02	MLS 102	Research Methods and Design
03	MLS 103	Data Collection, Analysis and Interpretation
04	MLS 104	Research communication and promotion
05	MLS 105	Concept of Preservation and Conservation of Library Materials
06	MLS 106	Library Materials
07	MLS 107	Enemies of Library Materials
08	MLS 108	Control of Deterioration
09	MLS 109	Binding
10	MLS 110	Academic Library
11	MLS 111	Organization and Management of Library Services

FACULTY OF JOURNALISM AND MASS COMMUNICATION

Bachelor of Journalism & Mass Comm. (BJMC) : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BJMC 101	Introduction to Communication & Media
02	BJMC 102	Introduction to Journalism (Reporting, Writing & Editing) + Practical
03	BJMC 103	Indian Social System
04	BJMC 104	Communicative Hindi
05	BJMC 105	Theory of Communication
06	BJMC 106	Application of Computer in Media
07	BJMC 107	State Politics & Constitution
08	BJMC 108	Writing for Media
09	BJMC 109	Media Laws & Ethics
10	BJMC 110	Media Management
11	BJMC 111	Folk Media
12	BJMC 112	Cyber Media
13	BJMC 113	Development & Communication
14	BJMC 114	Design & Graphics
15	BJMC 115	Fundamentals of Economics & Indian Economy
16	BJMC 116	National & International Affairs
17	BJMC 117	Introduction to Public Relations
18	BJMC 118	Introduction to Advertising
19	BJMC 119	Tribal Communication
20	BJMC 120	Communication Research
21	BJMC 121	Internship Report
22	BJMC 122	Radio Journalism
23	BJMC 123	Television Journalism
24	BJMC 124	Value Education
25	BJMC 125	Tribal Study
26	BJMC 126	Study Tour

Diploma in Press Journalism : I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPJ 101	Basics of Communication
02	DPJ 102	Media Theory & Mass Communication
03	DPJ 103	Communication Concepts, History, Law and Ethics
04	DPJ 104	Public relations, Advertising, and Media Management
05	DPJ 105	Media Theory & Mass Communication
06	DPJ 106	Emerging Social Media
07	DPJ 107	Communication: Concept and Process
08	DPJ 108	PR, Advertising and Media Management

Master of Journalism & Mass Comm. (MJMC) : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MJMC 101	Introduction To Communication
02	MJMC 102	Communication Theories
03	MJMC 103	Communication Technology
04	MJMC 104	Media Laws And Ethics
05	MJMC 105	Writing Skills
06	MJMC 106	Print Journalism
07	MJMC 107	Electronic Journalism
08	MJMC 108	Advertising And Public Relations
09	MJMC 109	Development Communication
10	MJMC 110	Photography And Video Production

Diploma in Journalism : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DJ 101	Basics of Communication
02	DJ 102	Media Theory & Mass Communication
03	DJ 103	Communication & Society
04	DJ 104	Communication, Culture & New Technologies
05	DJ 105	Reporting & Post Reporting
06	DJ 106	Reporting & Module
07	DJ 107	Post Reporting
08	DJ 108	The Radio and TV
09	DJ 109	Computer Application
10	DJ 110	Media law & Ethics
11	DJ 111	Video Documentary
12	DJ 112	Advertising & Public Relations
13	DJ 113	Public Relations
14	DJ 114	Mass Communication
15	DJ 115	Reporting & Post Reporting
16	DJ 116	Community Media Management
17	DJ 117	Advertising & Public Relations
18	DJ 118	Film Studies

Diploma in secret Journalism : Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DSJ 101	Introduction To Mass Communication
02	DSJ 102	Growth & Development Of Print Media
03	DSJ 103	Reporting For Print Media
04	DSJ 104	Media Management
05	DSJ 105	Advertising
06	DSJ 106	Electronic Media
07	DSJ 107	Editing & Editorial Writing
08	DSJ 108	Research Methodology

FACULTY OF FASHION DESIGN

B.A Fashion Marketing & Promotion: I Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAFMP 101	Introduction to the Fashion Business for Fashion Marketing
02	BAFMP 102	Principles of Fashion Marketing
03	BAFMP 103	Global Fashion Branding: Theory
04	BAFMP 104	Introduction to Cultural and Historical Studies
05	BAFMP 105	Better Lives
06	BAFMP 106	Global Fashion Branding: Communications
07	BAFMP 107	Industry expert presentations
08	BAFMP 108	Individual and group work.

B.A Fashion Marketing & Promotion: II Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAFMP 201	Cultural and Historical Studies
02	BAFMP 202	Researching Consumer Behavior and Psychology
03	BAFMP 203	Social and Digital Marketing
04	BAFMP 204	Work Experience Based Learning
05	BAFMP 205	Library and digital creative inductions
06	BAFMP 206	Formative and summative presentations
07	BAFMP 207	Collaborative online learning
08	BAFMP 208	Formative exhibitions
09	BAFMP 209	Business development plans

B.A Fashion Marketing & Promotion : III Year

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAFMP 301	Futures and Innovation
02	BAFMP 302	Fashion Marketing Strategy
03	BAFMP 303	Final Major Project
04	BAFMP 304	Briefings, lectures, seminars and tutorials
05	BAFMP 305	Field trips
06	BAFMP 306	Reflective writing
07	BAFMP 307	Dissertation
08	BAFMP 308	Presentations
09	BAFMP 309	Graduate exhibition

B.A Fashion Technology : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAFT 101	Fashion and Fabric Terminology
02	BAFT 102	fashion business
03	BAFT 103	To develop and initialize a design vocabulary, an essential tool for practicing as designers.
04	BAFT 104	introduce students the rudiments of sketching and its perspectives.
05	BAFT 105	introduce students to garment making
06	BAFT 106	introduce the various traditional embroideries
07	BAFT 107	surface design of fabric.
08	BAFT 108	Identification of Tools & Equipments
09	BAFT 109	Introduction and familiarization with the institute
10	BAFT 110	Importance of safety and general precaution

B.A Fashion Technology : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAFT 201	Safety precautions
02	BAFT 202	Introduction to work ethics, Discipline
03	BAFT 203	Introduction to sewing machine & its components
04	BAFT 204	Basic part and attachment and Their applications
05	BAFT 205	Classification of sewing machine, cutting machines, and finishing equipments and their applications
06	BAFT 206	Defects and remedies
07	BAFT 207	Safe broken Needle disposable Policy.
08	BAFT 208	Introduction To Hand Stitching
09	BAFT 209	Textile fabric
10	BAFT 210	Introduction to Basic hand and Machine stitches

B.A Fashion Technology : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BAFT 301	Characteristic of yarn
02	BAFT 302	Introduction to Dyeing & Printing
03	BAFT 303	Introduction to knitting
04	BAFT 304	Types of Knitted Fabric used in garment industry
05	BAFT 305	Finishes
06	BAFT 306	Introduction and Identification
07	BAFT 307	Prepare sample file and a survey report
08	BAFT 308	Introducing Fullness
09	BAFT 309	Introduction to measurement
10	BAFT 310	Introduction to paper pattern

B.Sc. Fashion Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCFD 101	Basic Fashion Knowhow
02	BSCFD 102	Textile Science
03	BSCFD 103	Fundamentals of Design and its applications(
04	BSCFD 104	Introduction to Fashion Art & Drawing
05	BSCFD 105	Sewing Fundamentals
06	BSCFD 106	Computer Basics
07	BSCFD 107	English Language & Communication
08	BSCFD 108	Fashion Psychology & Grooming
09	BSCFD 109	Traditional Indian Textile and History of Indian Art & Costume
10	BSCFD 110	Garment Construction
11	BSCFD 111	Pattern Making Fundamentals
12	BSCFD 112	Computer Graphics

B.Sc. Fashion Designing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCFD 201	History of Western Costume
02	BSCFD 202	Fashion Marketing & Draping
03	BSCFD 203	Basic Economics & Garment Assembling
04	BSCFD 204	Surface Ornamentation
05	BSCFD 205	Fashion Stylization and illustration
06	BSCFD 206	Pattern Manipulation
07	BSCFD 207	Fundamentals of Apparel Production
08	BSCFD 208	Export Merchandising
09	BSCFD 209	Retail Store Operation
10	BSCFD 210	Marketing Management

B.Sc. Fashion Designing : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCFD 301	Fundamentals of Entrepreneurship
02	BSCFD 302	Management and Accounting
03	BSCFD 303	Material Management
04	BSCFD 304	Computer Aided Designing
05	BSCFD 305	Costume Designing
06	BSCFD 306	Accessory Designing
07	BSCFD 307	Portfolio Making
08	BSCFD 308	Final Collection
09	BSCFD 309	Major Project on specialized area
10	BSCFD 310	Apparel Machinery & Quality Control

B.Sc. Textile Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCTD 101	Hindi - I
02	BSCTD 102	English - I
03	BSCTD 103	Pattern Making and Grading Practical
04	BSCTD 104	Basic Apparel Designing Practical
05	BSCTD 105	Sewing Technology
06	BSCTD 106	Yoga & Environmental Studies
07	BSCTD 107	Fibre To Yarn Science
08	BSCTD 108	Fibre To Yarn Science Practical
09	BSCTD 109	Basic Draping Practical
10	BSCTD 110	Basic Illustration and Sketching Practical

B.Sc. Textile Designing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCTD 201	Clothing Care
02	BSCTD 202	Fabric Science Practical
03	BSCTD 203	Children's Apparel Practical
04	BSCTD 204	Fashion Designing
05	BSCTD 205	Fashion Designing Practical
06	BSCTD 206	Fundamentals of Textiles
07	BSCTD 207	Textile Processing
08	BSCTD 208	Women's Apparel Practical
09	BSCTD 209	Textiles Processing Practical
10	BSCTD 210	Fashion Clothing and Psychology
11	BSCTD 211	Embroidery Practical
12	BSCTD 212	Fundamentals Of Designing

B.Sc. Textile Designing : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCTD 301	Computer & Textile In Garment Design
02	BSCTD 302	Textile Finishing
03	BSCTD 303	Textile Printing
04	BSCTD 304	Computer & Textile In Garment Design Practical
05	BSCTD 305	Textile Printing Practical
06	BSCTD 306	Men's Apparel Practical
07	BSCTD 307	Garment Quality and Cost Control
08	BSCTD 308	Fabric Science
09	BSCTD 309	Organization of Garment Unit
10	BSCTD 310	Accessories Making Practical
11	BSCTD 311	Fashion Visual Merchandising
12	BSCTD 312	Practical - Portfolio Presentation Viva Voce
13	BSCTD 313	Beauty Care Practical

B.Sc. Interior Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCID 101	Communication Skills
02	BSCID 102	Introduction to Computers & Elementary Mathematics
03	BSCID 103	Design Development & Colour Concept
04	BSCID 104	Building Materials – I
05	BSCID 105	Building Construction - I
06	BSCID 106	Computer Applications
07	BSCID 107	Practical – I - Drawing and Graphics
08	BSCID 108	Practical –II – Design Rendering

B.Sc. Interior Designing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCID 201	Building Materials-II
02	BSCID 202	Building Construction – II
03	BSCID 203	Practical – I - Residential Space Design - I
04	BSCID 204	Practical – II - Working Drawing - I
05	BSCID 205	Computer Aided Design
06	BSCID 206	Professional Practice - I
07	BSCID 207	Editing : Concept and Process
08	BSCID 208	Practical – III – Residential Space Design - II

B.Sc. Interior Designing : III Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCID 301	Theory of Architecture
02	BSCID 302	Services
03	BSCID 303	Practical – I - Applied Craft and Art Design
04	BSCID 304	Practical – II - Working Drawing-II
05	BSCID 305	Professional Practice - II
06	BSCID 306	Landscape
07	BSCID 307	Practical – III - Commercial Space Design – II
08	BSCID 308	Practical – IV - Viva - Internship & Training

M.Sc. Fashion Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCFD 101	Drafting and Pattern Making
02	MSCFD 102	Textile Studies - I
03	MSCFD 103	Sketching & Illustration
04	MSCFD 104	History of Fashion
05	MSCFD 105	Computer Application - I
06	MSCFD 106	Textile Studies - II
07	MSCFD 107	Inspirational Fashion
08	MSCFD 108	Knitting Technology
09	MSCFD 109	Pattern Drafting, Grading & Construction Studies
10	MSCFD 110	Computer Application - II

M.Sc. Fashion Designing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCFD 201	Fashion Industry, Marketing and Management
02	MSCFD 202	Fashion Illustration & Appreciation
03	MSCFD 203	Garment Ornamentation
04	MSCFD 204	Advance Garment Construction Technique
05	MSCFD 205	Computer Application - III
06	MSCFD 206	Garment Production & Technique
07	MSCFD 207	Design Collection
08	MSCFD 208	Survey and Project
09	MSCFD 209	Computer Application - IV
10	MSCFD 210	Entrepreneurship

M.Sc. Textile Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCTD 101	Advanced Textile Science
02	MSCTD 102	Textile And Apparel Quality Evaluation
03	MSCTD 103	Advanced Garment Construction Practical
04	MSCTD 104	Fashion Sketching Practical
05	MSCTD 105	CAD in Fashion Designing Practical
06	MSCTD 106	Fashion merchandising
07	MSCTD 107	Technical Textiles
08	MSCTD 108	Fashion Portfolio Practical
09	MSCTD 109	Advanced Draping Techniques Practical
10	MSCTD 110	Entrepreneurship Development in Textiles
11	MSCTD 111	Human Rights

M.Sc. Textile Designing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCTD 201	Research Methodology And Statistics In Textiles
02	MSCTD 202	Textile Testing
03	MSCTD 203	Textile Testing Practical
04	MSCTD 204	Advanced Textile Processing
05	MSCTD 205	Accessories Designing practical
06	MSCTD 206	Online Business
07	MSCTD 207	Advanced Surface Ornamentation Practical
08	MSCTD 208	Traditional Indian Textiles

M.sc. Interior Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCID 101	Residential Interior Space Design
02	MSCID 102	Building Materials - I
03	MSCID 103	Drawing and Graphics
04	MSCID 104	Commercial Interior Space Design
05	MSCID 105	Residential Interior Space Design
06	MSCID 106	Commercial Interior Space Design
07	MSCID 107	Building Services - I
08	MSCID 108	Professional Practice-I
09	MSCID 109	Practical – I Drawing and Graphics
10	MSCID 110	Practical – II Building Construction

M.sc. Interior Designing : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCID 201	Design with Thesis
02	MSCID 202	Theory of Architecture
03	MSCID 203	Professional Practice- II
04	MSCID 204	Working Drawing
05	MSCID 205	CAD
06	MSCID 206	Building Services - II
07	MSCID 207	Building Materials - II
08	MSCID 208	Environmental Studies
09	MSCID 209	Practical - I, Working Drawing
10	MSCID 210	Practical – II, CAD

PG Diploma in Fashion Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PGDFD 101	Drafting and Pattern Making
02	PGDFD 102	Textile Studies - I
03	PGDFD 103	Sketching & Illustration
04	PGDFD 104	History of Fashion
05	PGDFD 105	Computer Application - I
06	PGDFD 106	Textile Studies - II
07	PGDFD 107	Inspirational Fashion
08	PGDFD 108	Knitting Technology
09	PGDFD 109	Pattern Drafting, Grading & Construction Studies
10	PGDFD 110	Computer Application - II

PG Diploma in Textile Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PGDTD 101	Communication English-I
02	PGDTD 102	Mathematics
03	PGDTD 103	Engineering Physics-I
04	PGDTD 104	Engineering Chemistry-I
05	PGDTD 105	Engineering Graphics
06	PGDTD 106	Physics Practical
07	PGDTD 107	Chemistry Practical
08	PGDTD 108	Computer Application
09	PGDTD 109	Workshop Practice
10	PGDTD 110	Advanced textile manufacturing Statistical quality control in textiles

PG Diploma in Interior Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PGDID 101	Residential Interior
02	PGDID 102	Building Materials - I
03	PGDID 103	Drawing and Graphics
04	PGDID 104	Commercial Interior
05	PGDID 105	Residential Interior
06	PGDID 106	Commercial Interior
07	PGDID 107	Building Services - I
08	PGDID 108	Professional Practice-I
09	PGDID 109	Drawing and Graphics
10	PGDID 110	Building Construction

DIPLOMA COURSES

Diploma in Fashion Designing : I Year Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DFD 101	Fashion Designing
02	DFD 102	Fashion Accessory
03	DFD 103	Textile science
04	DFD 104	Pattern Making and Garment Construction
05	DFD 105	Fashion merchandising and management
06	DFD 106	Fashion Illustration
07	DFD 107	Fashion Ornamentation
08	DFD 108	Product Specification
09	DFD 109	Computer Aided Design
10	DFD 110	Computer Aided Design

Diploma in Textile Designing : I Year Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DTD 101	Computer application I
02	DTD 102	Communication skills in English
03	DTD 103	Introduction to textiles
04	DTD 104	Structural fabric designing I
05	DTD 105	Color and creation
06	DTD 106	Introduction to textile art and craft I
07	DTD 107	Sketching and drawing
08	DTD 108	Basics of designing
09	DTD 109	Computer applications II
10	DTD 110	Environmental studies
11	DTD 111	Dyeing and printing I
12	DTD 112	Creative textile design II
13	DTD 113	Structural fabric design II
14	DTD 114	Indian traditional textiles
15	DTD 115	Introduction to textile art and craft II
16	DTD 116	Drawing and rendering
17	DTD 117	Creative textile design I
18	DTD 118	Professional management and entrepreneurship
10	DTD 119	Computer-aided textile design
20	DTD 120	Dyeing and printing II
21	DTD 121	Structural fabric design III
22	DTD 122	Basic textile knitting
23	DTD 123	Fashion design and illustration
24	DTD 124	Freehand drawing and painting

Diploma in Interior Designing : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DID 101	Basic Design
02	DID 102	Interior Design
03	DID 103	Construction Technique
04	DID 104	Materials & Products
05	DID 105	Primary Services
06	DID 106	Communication & Personality Skills
07	DID 107	Paraline & Perspective projections
08	DID 108	Market Study & Practices I
09	DID 109	Advance Interior Design
10	DID 110	Speciality Interior Design
11	DID 111	Interior Working Drawing
12	DID 112	Interior Professional Practice
13	DID 113	Secondary Services
14	DID 114	2D and 3D CADD
15	DID 115	Market Study & Practices II

Diploma in Fashion Merchandising: I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DFM 101	Fashion
02	DFM 102	Design And Its Elements
03	DFM 103	Principles Of Design, Accessories & Trimmings
04	DFM 104	Colours
05	DFM 105	Figure Irregularities
06	DFM 106	Sewing Equipment
07	DFM 107	Seams And Fullness
08	DFM 108	Sleeves, Skirts And Neck Finishes
09	DFM 109	Yokes, Collars And Plackets
10	DFM 110	Pattern Making
11	DFM 111	Prepare Sketches
12	DFM 112	Draw & Shade
13	DFM 113	Embroidery Stitches
14	DFM 114	Basic Sewing Techniques & Kids wear
15	DFM 115	Fibres Classification
16	DFM 116	Spinning Technology
17	DFM 117	Weaving And Knitting
18	DFM 118	Nonwoven Techniques And Dyeing
19	DFM 119	Basic Finishes And Printing Techniques

Diploma in Art & Craft : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAC 101	Animation
02	DAC 102	Film-making
03	DAC 103	Screen printing
04	DAC 104	Art metalwork
05	DAC 105	Batik
06	DAC 106	Block printmaking
07	DAC 107	Book crafts
08	DAC 108	Calligraphy
09	DAC 109	Carving
10	DAC 110	Computer graphics
11	DAC 111	Embroidery
12	DAC 112	Fabric print
13	DAC 113	Fashion design
14	DAC 114	Graphic design
15	DAC 115	Jewellery making
16	DAC 116	Leatherwork
17	DAC 117	Mixed media sculpture
18	DAC 118	Model making
19	DAC 119	Modelling/casting
20	DAC 120	Packaging
21	DAC 121	Photography
22	DAC 122	Pottery ceramics
23	DAC 123	Puppetry
24	DAC 124	Soft sculpture
25	DAC 125	Strip cartooning
26	DAC 126	Tapestry
27	DAC 127	Theatre design
28	DAC 128	Toy making
29	DAC 129	Traditional crafts
30	DAC 130	lace
31	DAC 131	hedgerow
32	DAC 132	basketry

Diploma in Art & Craft : II Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DAC 201	Video making
02	DAC 202	Weaving
03	DAC 203	Dot
04	DAC 204	Colour
05	DAC 205	Pattern
06	DAC 206	Unity
07	DAC 207	Line
08	DAC 208	Shape
09	DAC 209	Tone
10	DAC 210	Texture
11	DAC 211	Form
12	DAC 212	Light
13	DAC 213	Space
14	DAC 214	Structure
15	DAC 215	Volume
16	DAC 216	Balance
17	DAC 217	Scale
18	DAC 218	Rhythm
19	DAC 219	Harmony
20	DAC 220	Contrast
21	DAC 221	Symmetry
22	DAC 222	Proportion

Diploma in Photography : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DPH 101	Digital Photography
02	DPH 102	Introduction to Digital Photography
03	DPH 103	Digital Basics & Animation
04	DPH 104	Digital Platform
05	DPH 105	Digital Capture
06	DPH 106	Scanning and Image Editing
07	DPH 107	Digital Retouching & Image Enhancement
08	DPH 108	Digital Output
09	DPH 109	Introduction to Multimedia
10	DPH 110	Study of Multimedia Computer
11	DPH 111	Study of Operating System
12	DPH 112	Basics of Internet & Image & Graphics component in Multimedia

Diploma in Videography : I Year
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DVG 101	Still Digital Camera
02	DVG 102	Digital Video Cameras (VHS and CCD)
03	DVG 103	Battery Charger
04	DVG 104	Sound Recorder
05	DVG 105	Stabilizer
06	DVG 106	Camera Stand
07	DVG 107	Additional Batteries
08	DVG 108	Video Camera lights
09	DVG 109	Camera Stand
10	DVG 110	Additional Batteries
11	DVG 111	Video Camera lights
12	DVG 112	Pentium IV Computer with DV capturing , Photoshop and premier software
13	DVG 113	Microphone (Label Mike)

FACULTY OF ANIMATION & MULTIMEDIA

B.Sc. Animation: I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCA 101	Web Development
02	BSCA 102	Graphics and Animation
03	BSCA 103	Independent Film Making
04	BSCA 104	E-Commerce, E-Business and E-Governance portal development
05	BSCA 105	E-Services like E-learning
06	BSCA 106	Cyber Security
07	BSCA 107	Freelance Animators

B.Sc. Animation: II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCA 201	Script Writing
02	BSCA 202	Introduction to Action Script
03	BSCA 203	Gaming Technology
04	BSCA 204	Digital Editing and Motion Graphics – I
05	BSCA 205	Color Theory and Visual Design
06	BSCA 206	Advanced 3D Animation – I

B.Sc. Animation: III Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCA 301	Web Technology
02	BSCA 302	Intellectual Property Rights & Cyber Security
03	BSCA 303	Gaming Production
04	BSCA 304	Digital Editing and Motion Graphics – II
05	BSCA 305	Visual Effects
06	BSCA 306	Advanced 3D Animation – II

B.Sc. Animation : IV Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCA 401	History/Evolution of Animation
02	BSCA 402	Genres and Categories
03	BSCA 403	How to Research and Analyze.
04	BSCA 404	Finding Ideas
05	BSCA 405	Basic Animation Writing Structure
06	BSCA 406	Basic Animation Writing Structure
07	BSCA 407	Script and Animation Terminology

B.Sc. Animation : V Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCA 501	Dialogue
02	BSCA 502	The Script Process and Format
03	BSCA 503	Editing and Rewriting
04	BSCA 504	The Differences between Live action and Animation Scripts.
05	BSCA 505	Scriptwriting Software
06	BSCA 506	The Animated Feature Film
07	BSCA 507	Beyond the Basics Advice, Tips, and Trick

B.Sc. Animation: VI Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	BSCA 601	Pitching your work.
02	BSCA 602	Agents, Networking, and Finding Work
03	BSCA 603	Introduction to interactive design mediums
04	BSCA 604	Digital Editing
05	BSCA 605	A Brief History of Motion Graphics
06	BSCA 606	Motion Graphics in Film and Television
07	BSCA 607	Motion Graphics in interactive Media
08	BSCA 608	Motion Graphics in the Environment
09	BSCA 609	Motion Literacy: Choreographing Movement

M.Sc. Animation : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCA 101	Story Designing
02	MSCA 102	Photography
03	MSCA 103	Basic Drawing
04	MSCA 104	Graphic Design
05	MSCA 105	Scripting for Media
06	MSCA 106	Basic Drawing-I
07	MSCA 107	Preproduction-I
08	MSCA 108	Animation Fundamentals

M.Sc. Animation : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCA 201	Basic Drawing-I
02	MSCA 202	Film studies
03	MSCA 203	Preproduction-II
04	MSCA 204	Advanced 2D Animation-I
05	MSCA 205	Media studies
06	MSCA 206	Production Process
07	MSCA 207	Advanced 2D Animation-II

M.Sc. Animation : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCA 301	Introduction to Maya
02	MSCA 302	Advanced Maya-I
03	MSCA 303	Group Project
04	MSCA 304	VFX
05	MSCA 305	Autography/ Sound Design
06	MSCA 306	Motion Graphic
07	MSCA 307	Advanced Maya-II

M.Sc. Animation : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MSCA 401	Editing
02	MSCA 402	Dissertation
03	MSCA 403	Individual Project
04	MSCA 404	Advanced Maya-III
05	MSCA 405	Individual Project
06	MSCA 406	Animation Studies II: Contemporary Trends
07	MSCA 407	Individual Project: Production / Postproduction

Diploma in animation : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DA 101	Communication Skills
02	DA 102	Introduction to Computers & Elementary Mathematics
03	DA 103	Basics of Drawing & Graphics - 1
04	DA 104	Elements of Design
05	DA 105	Elements of Material -I
06	DA 106	Basics of Drawing & Graphics -II
07	DA 107	Interior Furnishing -I
08	DA 108	Principles of Marketing Management

Diploma in animation : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	DA 201	Introduction to 3D Animation
02	DA 202	Creating a 3D models from primitives
03	DA 203	Polygon mesh editing tools
04	DA 204	Materials and Texturing
05	DA 205	Cameras and lighting
06	DA 206	Animation, Rendering, and Output Techniques
07	DA 207	NURBS and spline-based modelling
08	DA 208	Dynamic particle systems
09	DA 209	Mental Ray and special topics in 3D rendering

PG Diploma in Animation : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PGDA 101	Elements of Graphic communication and Animation
02	PGDA 102	Multimedia Technology
03	PGDA 103	Multimedia Design Principles and Authoring
04	PGDA 104	Computer Network and Web Technology
05	PGDA 105	Multimedia Laboratory
06	PGDA 106	Project Assignment - I

PG Diploma in Animation : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PGDA 201	Elective Laboratory
02	PGDA 202	Web authoring Laboratory
03	PGDA 203	Nonlinear Digital Editing
04	PGDA 204	Dynamic Web Programming
05	PGDA 205	Animation & Multimedia Authoring For Handheld Devices
06	PGDA 206	Multimedia Programming

POST PG COURSES (M.PHIL/PH.D)

PhD (Arts/Commerce/Etc.): I Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDASC 101	Anthropology
02	PHDASC 102	Applied Sciences(Chemical Science)
03	PHDASC 103	Applied Sciences(Mathematical Science)
04	PHDASC 104	Applied Sciences(Physical Science)
05	PHDASC 105	Arabic
06	PHDASC 106	Assamese
07	PHDASC 107	Bengali
08	PHDASC 108	Bioengineering & Technology
09	PHDASC 109	Bioengineering & Technology (Food Science)
10	PHDASC 110	Biotechnology
11	PHDASC 111	Bodo
12	PHDASC 112	Botany
13	PHDASC 113	Botany
14	PHDASC 114	Chemistry

PhD (Arts/Commerce/Etc.): II Semester

Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDASC 201	Clinical Psychology
02	PHDASC 202	Commerce
03	PHDASC 203	Communication and Journalism
04	PHDASC 204	Computer Science
05	PHDASC 205	Economics
06	PHDASC 206	Education
07	PHDASC 207	Electronics and Communication Engineering
08	PHDASC 208	Electronics and Communication Technology
09	PHDASC 209	English
10	PHDASC 210	English Language Teaching
11	PHDASC 211	Environmental Science
12	PHDASC 212	Folklore Research
13	PHDASC 213	Foreign Languages

PhD (Arts/Commerce/Etc.): III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDASC 301	Geography
02	PHDASC 302	Geological Sciences
03	PHDASC 303	Hindi
04	PHDASC 304	History
05	PHDASC 305	Information Technology
06	PHDASC 306	Instrumentation & USIC
07	PHDASC 307	Law
08	PHDASC 308	Library & Information Science
09	PHDASC 309	Linguistics
10	PHDASC 310	Mathematics
11	PHDASC 311	Modern Indian Languages & Literary Studies
12	PHDASC 312	Persian
13	PHDASC 313	Philosophy
14	PHDASC 314	Physics

PhD (Arts/Commerce/Etc.): IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDASC 401	Physics (Radiological Physics)
02	PHDASC 402	Political Science
03	PHDASC 403	Psychiatric Nursing
04	PHDASC 404	Psychiatric Social Work (Mphil)
05	PHDASC 405	Psychiatric Social Work (PhD)
06	PHDASC 406	Psychology
07	PHDASC 407	Sanskrit
08	PHDASC 408	Sociology
09	PHDASC 409	Statistics
10	PHDASC 410	Women's studies
11	PHDASC 411	Zoology
12	PHDASC 412	Zoology (Wildlife Science)

PhD (Science/Law): I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDSL 101	Architecture
02	PHDSL 102	Animal Sciences
03	PHDSL 103	Atmospheric Sciences
04	PHDSL 104	Plant Sciences
05	PHDSL 105	Biochemistry
06	PHDSL 106	Microbial Sciences
07	PHDSL 107	Biochemistry
08	PHDSL 108	Biochemistry and Molecular Biology
09	PHDSL 109	Biotechnology
10	PHDSL 110	Microbiology

PhD (Science/Law): II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDSL 201	Life Sciences
02	PHDSL 202	Molecular Biology
03	PHDSL 203	Nutrition Biology
04	PHDSL 204	Bio-Informatics
05	PHDSL 205	Genomic Science
06	PHDSL 206	Zoology
07	PHDSL 207	Botany
08	PHDSL 208	Human Genetics
09	PHDSL 209	Molecular Medicine
10	PHDSL 210	Chemistry

PhD (Science/Law): III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDSL 301	Computer Science
02	PHDSL 302	Computer Science & Technology
03	PHDSL 303	Comparative Religion and Civilization
04	PHDSL 304	Electrical Engineering
05	PHDSL 305	Anthropology, History & Archaeology, Linguistics
06	PHDSL 306	Economics
07	PHDSL 307	English (Applied Linguistics)
08	PHDSL 308	English & Comparative Literature
09	PHDSL 309	Environmental Sciences
10	PHDSL 310	Geography

PhD (Science/Law) : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDSL 401	Hindi and Comparative Literature
02	PHDSL 402	Material Sciences and Technology
03	PHDSL 403	Pharmacy & Medicinal Chemistry
04	PHDSL 404	Public Policy, Law and Governance
05	PHDSL 405	Public Administration & Policy Studies
06	PHDSL 406	Public Health and Community Medicine
07	PHDSL 407	Epidemiology & Public Health
08	PHDSL 408	Psychiatric Social Work
09	PHDSL 409	Mathematics
10	PHDSL 410	Human Rights
11	PHDSL 411	Nanotechnology
12	PHDSL 412	Communication & Media Studies
13	PHDSL 413	Water Engineering & Management
14	PHDSL 414	Energy Engineering
15	PHDSL 415	Geoinformatics
16	PHDSL 416	Music & Performing Arts
17	PHDSL 417	Human Resource Management
18	PHDSL 418	Political Science & International Relations
19	PHDSL 419	Law (Environment Law, Human Rights Law, Corporate Law)
20	PHDSL 420	Customary Law and Tribal Governance
21	PHDSL 421	Library and Information Science
22	PHDSL 422	Development Studies
23	PHDSL 423	Computational Sciences

PhD (Technical/Nursing) : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDTN 101	Describe the organization of critical care units.
02	PHDTN 102	Describe the role of the nurse in management of patients in critical care units
03	PHDTN 103	Describe organization of emergency and disaster care services.
04	PHDTN 104	Describe the role of nurse in disaster management
05	PHDTN 105	Describe the role of nurse in management of common emergencies
06	PHDTN 106	Explain the concept, theories and problems of ageing.
07	PHDTN 107	Describe the nursing care of the elderly.
08	PHDTN 108	Describe the nursing management of patients with respiratory disorders.
09	PHDTN 109	management of common cardiac conditions

PhD (Technical/Nursing) : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDTN 201	Describe the Medical ,surgical And nursing management Of patients with Neurological And neurosurgical Conditions
02	PHDTN 202	Describe the Nursing management of patients with renal disorders.
03	PHDTN 203	Describe the Nursing management of patients With oncologic Disorders.
04	PHDTN 204	Describe the Significance of Plastic, reconstructive And cosmetic surgeries.
05	PHDTN 205	Critical care Unit (general) MICU SICU
06	PHDTN 206	Casualty/ Emergency unit
07	PHDTN 207	Dialysis unit
08	PHDTN 208	ICU,CCU, Cardiac OT CATH LAB
09	PHDTN 209	Neurosurgical ICU,OT
10	PHDTN 210	Burns, plastic And reconstructive Surgery

PhD (Technical/Nursing) : III Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDTN 301	Genetics And Embryology
02	PHDTN 302	Paediatric Surgery
03	PHDTN 303	Paediatric Medicine
04	PHDTN 304	Child Psychology
05	PHDTN 305	Describe National Policy And Child Welfare Programmes
06	PHDTN 306	Describe The Normal Growth & Development Of Children At Different Ages.
07	PHDTN 307	Demonstrate Skill In Doing Specific Child Health Nursing Procedures.
08	PHDTN 308	Provide Nursing Care In Common Gastro Intestinal Disorders In Children.
09	PHDTN 309	Demonstrate Skill In Identifying Gastro Intestinal Disorders In Children.
10	PHDTN 310	Orthopaedic Disorders

PhD (Technical/Nursing) : IV Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	PHDTN 401	Genetic Disorders Common chromosomal disorders
02	PHDTN 402	Nursing management of patient with Schizophrenia and other delusional disorders
03	PHDTN 403	Nursing management of patient with affective disorders
04	PHDTN 404	Nursing management of patient with neurotic, stress related and somatoform disorders
05	PHDTN 405	Nursing management of patient with Substance use disorders
06	PHDTN 406	Nursing management of patient with Behavioral syndromes associated.
07	PHDTN 407	Physiological disturbances and physical factors.
08	PHDTN 408	Sexual dysfunction and Eating disorders
09	PHDTN 409	Nursing management of childhood and adolescent disorders including mental deficiency
10	PHDTN 410	Psychiatric emergencies and crisis intervention

M.Phil (All Subject) : I Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MPH 101	Agriculture, Animal Care, and Veterinary Science
02	MPH 102	Archaeology
03	MPH 103	Architecture
04	MPH 104	Biology and Life Sciences
05	MPH 105	Building, Planning and Construction Management
06	MPH 106	Chemistry
07	MPH 107	Financial Management and Accounting
08	MPH 108	Food Science and Technology, Nutrition and Dietetics
09	MPH 109	Gallery, Conservation and Museum Studies and Museology
10	MPH 110	Geography and Earth Sciences
11	MPH 111	Health Care Management and Health Studies
12	MPH 112	Health and Safety
13	MPH 113	History
14	MPH 114	Humanities and Social Sciences
15	MPH 115	Industry, Logistics, Manufacturing and Production
16	MPH 116	Journalism and Publishing
17	MPH 117	Languages
18	MPH 118	Law and Legal studies
19	MPH 119	Communications and Media
20	MPH 120	Complementary Medicine
21	MPH 121	Computer Science and Information Technology
22	MPH 122	Creative Arts and Design and Illustration
23	MPH 123	Economics
24	MPH 124	Political Science
25	MPH 125	Electronic and Electrical Engineering
26	MPH 126	Engineering
27	MPH 127	English Literature
28	MPH 128	Hindi Literature
29	MPH 129	Communications and Media
30	MPH 130	Complementary Medicine
31	MPH 131	Computer Science and Information Technology
32	MPH 132	Creative Arts and Design and Illustration

M.Phil (All Subject) : II Semester
Full Marks 100 (Theory -70 & Practical-30)

SL. NO	SUBJECT CODE	SUBJECT
01	MPH 201	Leisure, Hospitality Management and Event Management
02	MPH 202	Linguistic Studies
03	MPH 203	Literature
04	MPH 204	Management, Business and HR
05	MPH 205	Marketing and PR
06	MPH 206	Mathematics
07	MPH 207	Music Technology and Production and Sound Engineering
08	MPH 208	Nursing and Midwifery
09	MPH 209	Other Sciences and Research
10	MPH 210	Performing and Dramatic Arts, Acting and Music Studies
11	MPH 211	Philosophy
12	MPH 212	Physics
13	MPH 213	Physiotherapy and other Therapies
14	MPH 214	Psychology
15	MPH 215	Religious Studies and Theology
16	MPH 216	Social Work, Community Work and Counselling Skills MPhil Sports and Recreation
17	MPH 217	Surgery, Medicine and Dentistry
18	MPH 218	Teaching and Training
19	MPH 219	Transport Services and Aviation

