



List of courses with focus on employability/ entrepreneurship/ skill development

S. No.	Program Name	Course Code	Name of Course	Year of introduction	Activities/Content with direct bearing on EM/ Entrepreneurship/ SD development
1	B.E CIVIL ENGINEERING	FEB130001	EFFECTIVE TECHNICAL COMMUNICATION	2018-19	SD: To Express the basics of human values. & Analyze ethical confusions and contradictions to bring harmony at thought, behavior and action level. EM: Write a CV and communication with employees and customers
2	B.E CIVIL ENGINEERING	FEB130101	ENGINEERING MATHEMATICS –III (TRANSFORM & DISCRETE MATHEMATICS)	2018-19	SD: Mathematical concept and various techniques required for the analysis and design structures.
3	B.E CIVIL ENGINEERING	FEB130102	BUILDING CONSTRUCTION TECHNOLOGY	2018-19	EM: To identify selection, basic parts, operation, factors affecting output and selection of different types of Excavating equipment SD: Develop teamwork and problem-solving SDs necessary in the construction industry.
4	B.E CIVIL ENGINEERING	FEB130103	ENGINEERING GEOLOGY	2018-19	SD: Engineering geology studies may be performed during the planning, environmental impact analysis, civil or structural engineering design, value engineering and construction phases of public and private works projects, and during post-construction and forensic phases of projects
5	B.E CIVIL ENGINEERING	FEB130104	MECHANICS OF SOLIDS	2018-19	SD: Apply the fundamental principles, concepts and techniques theoretically and practically with emphasis on solution of engineering mechanics and strength of material problems
6	B.E CIVIL ENGINEERING	FEB140001	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE	2018-19	SD: to understand, connect up and explain basics of Indian Traditional knowledge modern scientific perspective
7	B.E CIVIL ENGINEERING	FEB140101	BUILDING AND TOWN PLANNING	2018-19	SD: Understanding the fundamental concepts of planning, its principles, building bye laws and services EM: Use bye laws and services for generating building layout and making working drawings of buildings. EP : Understand, interpret and prepare working drawings, foundation plans, perspective drawing and other executable drawings and prepare the drawing using software
8	B.E CIVIL ENGINEERING	FEB140102	CIVIL ENGINEERING SOCIAL & GLOBAL IMPACT	2018-19	EP : Explain the innovations and methodologies for ensuring sustainability during project development SD: the awareness of various codes & standards governing infrastructure development



9	B.E CIVIL ENGINEERING	FEB140103	FLUID MECHANICS	2018-19	SD: Understanding the different type of flow , stability analysis of floating body , calculate the fluid properties and hydrostatic force
10	B.E CIVIL ENGINEERING	FEB140104	MATERIALS, TESTING & EVALUATION	2018-19	SD: Understanding regarding various Building materials used in construction. Conventional building materials, its properties and uses with respect to civil engineering and construction.
11	B.E CIVIL ENGINEERING	FEB140105	STRUCTURAL ANALYSIS I	2018-19	SD: To acquire the SD for the solution of static determinate structures and calculations of support reactions and stresses in various tpes of beams, columns, arches and cable ans suspension bridges.
12	B.E CIVIL ENGINEERING	FEB140106	SURVEYING	2018-19	SD: Preparation of map and identifying the area and volume of different shape. Demonstrate different surveying and levelling techniques using standard and modern surveying instruments,
13	B.E CIVIL ENGINEERING	FEB150001	ENGINEERING ECONOMICS & MANAGEMENT	2018-19	EP: Basic ENand its role in Economical growth/development in India
14	B.E CIVIL ENGINEERING	FEB150101	HYDROLOGY AND WATER RESOURCES ENGINEERING	2018-19	EM: Flood estimation and forcasting using probability plotting methods SD : To evaluate various parameters of Hydrology
15	B.E CIVIL ENGINEERING	FEB150102	SOIL ENGINEERING-I	2018-19	SD: Learn the advance properties of soil , their interrationship and its application in construction project. EM: Experimental Knowledge of determination of advance properties of soil in the laboratory.
16	B.E CIVIL ENGINEERING	FEB150103	STRUCTURAL ANALYSIS II	2018-19	SD: To acquire the SD for the solution of static indeterminate structures using slope deflection , moment distribution and matrix methods and calculation of forces using Influence Line Diagram for moving load.
17	B.E CIVIL ENGINEERING	FEB150104	TRANSPORTATION ENGINEERING-I	2018-19	SD: Learning concepts of road network design, geometric elements of highway and its design, various materials used for construction of road, design procedure of roads, various types of road construction methodologies, various types of highway economic models, road safety audit procedure, basic fundamentals of traffic and their significance in facility design EP: understanding of geometric design, pavement material, maintenance strategies and traffic fundamentals and their solution leads to start business
18	B.E CIVIL ENGINEERING	FEB150106	INFRASTRUCTURE PLANNING	2018-19	EM: Learning of Planning and appraisal of major infrastructure projects, Scheduling and management of planning activities



19	B.E CIVIL ENGINEERING	FEB160002	REMOTE SENSING AND GIS	2018-19	EM: knowledge of system designed to capture, store, manage, analyze, manipulate, and present geographic or spatial data
20	B.E CIVIL ENGINEERING	FEB160101	ENVIRONMENTAL ENGINEERING	2018-19	SD: Understanding of different pollutions and its impact to the environment EM: Applying different disposal techniques for soil, marine water and solid waste
21	B.E CIVIL ENGINEERING	FEB160103	SOIL ENGINEERING-II	2018-19	SD: Learn the advance properties of soil, their interrelationship and its application in construction project. EM: Experimental Knowledge of determination of advance properties of soil in the laboratory.
22	B.E CIVIL ENGINEERING	FEB160104	TRANSPORTATION ENGINEERING-II	2018-19	SD: Understand the concept of various basic elements of railway and airway their importance, functions EM: knowledge of designing various elements of railway and airway
23	B.E CIVIL ENGINEERING	FEB160105	CONCRETE TECHNOLOGY & REPAIR STRATEGY	2018-19	SD: Identification of various causes responsible for the deterioration of concrete structures EM: Application of various retrofitting and repairing techniques to deteriorate concrete structures
24	B.E CIVIL ENGINEERING	FEB170002	METRO SYSTEMS AND ENGINEERING	2018-19	EM: It assists in optimization of metro infrastructure investment and running of efficient train services on the network.
25	B.E CIVIL ENGINEERING	FEB170101	PROFESSIONAL PRACTICE AND VALUATION	2018-19	EM: To understand the process of tender and contract SD: Working out detailed quantity estimation, rate analysis and valuation of structure
26	B.E CIVIL ENGINEERING	FEB170102	STRUCTURAL DESIGN -I	2018-19	EM: Understanding various methods of designing as per Indian code provision for design of residential structure, design of retaining wall, etc. & implement into real R.C.C. structure design.
27	B.E CIVIL ENGINEERING	FEB170103	EARTHQUAKE ENGINEERING	2018-19	SD: To acquire the knowledge of structural dynamics of SDOF and MDOF structures. EM: Understanding the design philosophy for the earthquake resistant design of structures.
28	B.E CIVIL ENGINEERING	FEB170105	PROJECT-I	2018-19	SD: Identification of problem statement from the observation EM: Problem solving methodology for complex problem of engineering
29	B.E CIVIL ENGINEERING	FEB180101	CONSTRUCTION MANAGEMENT & EQUIPMENT	2018-19	SD: Understanding the various methods of management for the construction of any kind of structure



30	B.E CIVIL ENGINEERING	FEB180104	IRRIGATION ENGINEERING	2018-19	SD: understand various methods of irrigation. EM: Design of hydraulic structures such as canal and diversion structures.
31	M.E STRUCTURAL ENGINEERING	FEM110001	RESEARCH SD AND METHODOLOGY	2020-21	SD: To impart the knowledge for writing various statements and research paper, To impart the knowledge about copyright, IPR patent and plagiarism
32	M.E STRUCTURAL ENGINEERING	FEM115201	ADVANCED CONCRETE DESIGN	2020-21	EM: Design and detailing of various structural elements of reinforced concrete structures as per IS code provisions
33	M.E STRUCTURAL ENGINEERING	FEM115202	ADVANCED STRUCTURAL ANALYSIS	2020-21	SD: Analysis of different structural elements using Matrix & Finite Element Method
34	M.E STRUCTURAL ENGINEERING	FEM115203	ANALYTICAL AND NUMERICAL METHODS FOR STRUCTURAL ENGG.	2020-21	SD: Mathematical concept and various techniques required for the analysis and design structures.
35	M.E STRUCTURAL ENGINEERING	FEM115205	STRUCTURAL HEALTH MONITORING AND RETROFITTING OF STRUCTURES	2020-21	SD: Understanding the various types of sensors & techniques for the health monitoring of structures. EM: Applying the various types of retrofitting techniques to damaged structures.
36	M.E STRUCTURAL ENGINEERING	FEM120001	RESEARCH PAPER WRITING	2020-21	EP: Understanding of various forms of IPR and filing process in india. SD: Identification of the problem statement and thesis writing. Activity: Patent Search And Analysis Report, Patent filing process, Quality Indices, Reference Management Tools
37	M.E STRUCTURAL ENGINEERING	FEM125201	ADVANCED STEEL DESIGN	2020-21	EM: Design of industrial structures and cold form structures.
38	M.E STRUCTURAL ENGINEERING	FEM125202	STRUCTURAL DYNAMICS	2020-21	SD: Structural dynamics required for the earthquake resistant design. Identification of SDOF & MDOF structures subjected to dynamic load.
39	M.E STRUCTURAL ENGINEERING	FEM125203	DESIGN OF HIGH RISE STRUCTURES	2020-21	SD: Learning of Commercially available Software for analysis design of High rise Structures
40	M.E STRUCTURAL ENGINEERING	FEM125205	DESIGN OF BRIDGE STRUCTURES	2020-21	EM: Design of different components of bridges as per IS code provisions. Various techniques used for the analysis and design of bridges components.
41	M.E STRUCTURAL ENGINEERING	FEM135202	DISSERTATION	2020-21	EM: The overall development of an individual to identify real-life challenges and work for solutions with available resources related to structural engineering problems.
42	M.E STRUCTURAL ENGINEERING	FEM135205	DESIGN OF PRESTRESSED CONCRETE STRUCTURES	2020-21	EM: Application of prestressing techniques for various structural elements and composites structures.
43	M.E TRANSPORTATION ENGINEERING	FEM115801	HIGHWAY MATERIALS AND CONSTRUCTION TECHNIQUES	2022-23	EM: Understand the properties of the highway material, their testing and change



					in behavior in reference to changing climatic parameters.
44	M.E TRANSPORTATION ENGINEERING	FEM115802	TRAFFIC ENGINEERING& ROAD SAFETY	2022-23	SD: understanding the traffic parameters with their interrelationship and its application in road facility design like signals, intersections, markings, signs etc. EM: Design of traffic signal and intersection design EP: Having Knowledge of various traffic survey procedure can lead to solve traffic problems for the community on effective basis
45	M.E TRANSPORTATION ENGINEERING	FEM115803	NUMERICAL METHODS AND STATISTICAL ANALYSIS	2022-23	SD: Mathematical concept and various techniques required for the analysis and design structures.
46	M.E TRANSPORTATION ENGINEERING	FEM115804	HIGHWAY GEOMETRIC DESIGN	2022-23	SD: Learning design parameters like LOS and capacity of road. EP: Acquiring knowledge of highway alignment and parameters required for design of traffic facilities like intersection, entrance and exit ramp and parking facilities will generate EM
47	M.E TRANSPORTATION ENGINEERING	FEM125801	PAVEMENT DESIGN, AND EVALUATION	2022-23	SD: Material testing and mix design for Flexible & Rigid pavement EM: Stress analysis and design of various parameters enhance an EM
48	M.E TRANSPORTATION ENGINEERING	FEM125802	TRAFFIC FLOW THEORY AND MANAGEMENT	2022-23	SD: understanding the traffic parameters with their interrelationship and its application in road facility design like signals, intersections, markings, signs etc. EM: Design of traffic signal and intersection design EP: Having Knowledge of various traffic survey procedure can lead to solve traffic problems for the community on effective basis
49	M.E TRANSPORTATION ENGINEERING	FEM125804	DOCKS AND HARBOUR ENGINEERING	2022-23	SD: Understand the concept of various basic elements of docks & Harbours their importance, functions EM: knowledge of designing various elements of docks & Harbours
50	M.E TRANSPORTATION ENGINEERING	FEM125806	APPLICATION OF GIS AND RS FOR TRANSPORTATION	2022-23	SD: understand,analyse and interpret the GIS/RS data and Image. The application of GPS
51	M.E ENVIRONMENTAL ENGINEERING	FEM115701	FUNDAMENTALS OF WATER AND WASTEWATER TREATMENT	2022-23	SD: To impart the knowledge of water & waste water treatment technologies & process.
52	M.E ENVIRONMENTAL ENGINEERING	FEM115702	ANALYTICAL METHOD & INSTRUMENTATION IN ENVIRONMENTAL	2022-23	SD: To impart the knowledge of an analytical instruments in monitoring and maintaining the quality of water and air for solving real world environmental problem.



53	M.E ENVIRONMENTAL ENGINEERING	FEM115703	COLLECTION AND CONVEYANCE OF WATER AND WASTEWATER	2022-23	SD: To impart the knowledge of collection & conveyance of water & wastewater before reach the water treatment plant & sewage treatment plant.
54	M.E ENVIRONMENTAL ENGINEERING	FEM115705	ENVIRONMENTAL IMPACT ASSESSMENT	2022-23	SD Analyse proposed development project plans for possible environmental effects and prepare appropriate initial studies. EM: Applying for the consultancy work of EIA document regarding environmental projects.
55	M.E ENVIRONMENTAL ENGINEERING	FEM125701	AIR AND NOISE POLLUTION: ANALYSIS, TREATMENT & MANAGEMENT	2022-23	SD: To impart the knowledge of Ambient Air Quality Monitoring & stack monitoring at Different locations & evaluate the impacts of air pollution & noise pollution.
56	M.E ENVIRONMENTAL ENGINEERING	FEM125702	SOLID AND HAZARDOUS TREATMENT AND MANAGEMENT	2022-23	SD: To impart the knowledge of solid & hazardous management, waste processing technologies & waste disposal methods.
57	M.E ENVIRONMENTAL ENGINEERING	FEM125703	ENVIRONMENTAL AUDIT	2022-23	SD: To impart the knowledge of environmental auditing, the main components of the environmental auditing process, & methods for auditing specific environmental issues associated with the activities of an organization and product/service. EM: Applying for the state level Environmental Audit Scheme.
58	M.E ENVIRONMENTAL ENGINEERING	FEM135705	ADVANCED WASTEWATER TREATMENT TECHNOLOGIES	2022-23	SD: To impart the knowledge of advanced technologies in Wastewater treatment like membrane processes, advanced oxidation processes, ion exchange etc.
59	M.E ENVIRONMENTAL ENGINEERING	FEM145702	DISSERTATION PHASE II	2022-23	EM: The overall development of an individual to identify real-life challenges and work for solutions with available resources related to environmental engineering problems.
60	B.E MECHANICAL ENGINEERING	FEB110202	ELEMENTS OF MECHANICAL ENGINEERING	2018-19	SD: Understanding and application of properties of gases, properties of steam, heat engine and steam boilers. EM: Working and applications of internal combustion engines and Refrigeration and air conditioning systems widely used in industry.
61	B.E MECHANICAL ENGINEERING	FEB120204	ENGINEERING GRAPHICS	2018-19	EM: Students will learn graphical communication. EP: Visualization and drafting of new product. SD: Learn basic sketching for various engineering applications.



62	B.E MECHANICAL ENGINEERING	FEB110206	BASIC WORKSHOP	2018-19	<p>SD: Students will earn practical SDs regarding tools used for mechanical processes.</p> <p>EM: Students will learn the latest technological development in the mechanical engineering field and can get employed.</p> <p>EP: Learning the latest technologies including composite fabrication, 3D printing, and laser cutting will open opportunities for students to establish their own startups.</p>
63	B.E MECHANICAL ENGINEERING	FEB130202	MANUFACTURING PROCESS-I	2018-19	<p>EM: Student can work as welding engineer plays a crucial role for integrity of buildings, vehicles, machinery and products requiring welds. He or she stays involved in planning, supervising and documenting welding operations. He or she has to apply knowledge of physics, metallurgy and materials engineering, welding, and standards to design as well as evaluate welds.</p> <p>EP: Student can start Foundries are facilities that produce metal castings and offer casting-related services. A foundry is a factory where metal is melted and cast into new shapes. Foundries are responsible for our current standard of living and industrial development, but most of us know next to nothing about them.</p> <p>SD: Student can learn different welding technique and metal casting fundamental.</p>
64	B.E MECHANICAL ENGINEERING	FEB130203	MECHANICAL MEASUREMENT & METROLOGY	2018-19	<p>EM: Students can learn the Microscopes and the procedure for preparing the specimen for macro and micro examination. Also they can learn any one NDT method.</p> <p>SD: Students can learn the performance of Hardness testing; Heat treatment and NDT Testing which enhance the SD of students</p>
65	B.E MECHANICAL ENGINEERING	FEB130204	ENGINEERING THERMODYNAMICS	2018-19	<p>SD: Understanding and application of Laws of thermodynamics, Entropy Principle and vapour power cycles.</p> <p>EM: Working of Heat Engine, Refrigerator and Heat Pump, vapour power cycle and exergy analysis to solve problems of various thermal system</p>
66	B.E MECHANICAL ENGINEERING	FEB140202	FLUID MECHANICS & FLUID MACHINES	2018-19	<p>SD: Performance test and analysis of various operating variables of different fluid machines</p> <p>EM: Application and analysis of various fluid machines helps in industry.</p>



67	B.E MECHANICAL ENGINEERING	FEB150202	THEORY OF MACHINES	2018-19	EP: Manufacturing considerations in Design, Aesthetic Considerations in Design, Ergonomic Considerations in Design, Concurrent Engineering, Selection of Preferred Sizes EM: Design for Finite and Infinite Life, Design of Helical Springs, Design of Helical Spring, Selection of Flat-belts from Manufacturer's Catalogue.
68	B.E MECHANICAL ENGINEERING	FEB150203	MANUFACTURING PROCESS - II	2018-19	EM: Student can work as welding engineer plays a crucial role for integrity of buildings, vehicles, machinery and products requiring welds. He or she stays involved in planning, supervising and documenting welding operations. He or she has to apply knowledge of physics, metallurgy and materials engineering, welding, and standards to design as well as evaluate welds , EP: Student can start Foundries are facilities that produce metal castings and offer casting-related services. A foundry is a factory where metal is melted and cast into new shapes. Foundries are responsible for our current standard of living and industrial development, but most of us know next to nothing about them.
69	B.E MECHANICAL ENGINEERING	FEB150206	DESIGN OF MACHINE ELEMENTS	2018-19	EM: Understanding and learning of design of cylinder and piston help to get EM in the automobile sector because these are widely used components. SD: Design of spur and helical gears improves the SD of analyzing various forces, arrangement of different gears for various speeds, etc.
70	B.E MECHANICAL ENGINEERING	FEB160201	DYNAMICS OF MACHINE	2018-19	SD: Students will learn machine dynamics along with associated terminologies. EM: Students are able to design and develop Flywheel for IC engine and force analysis of machine components.
71	B.E MECHANICAL ENGINEERING	FEB160202	ADVANCED MANUFACTURING PROCESSES	2018-19	SD: Basic Fundamentals of DFM and Material Selection as well as different case studies lead to different SD Enhancement due to more experience, EM: Knowledge of Different DFX, different material selection methods and knowledge of different design rules leads to more chances of employment.



72	B.E MECHANICAL ENGINEERING	FEB160207	ENERGY CONSERVATION & MANAGEMENT	2018-19	EM: Learning the energy efficient utilities lead to enhance the EM of the students in large scale power plan as energy engineering. EP: Students will able to do the energy audit and prepare the audit report of such energy utilities in industry and buildings SD: Knowing the energy conservation act and energy economy lead to increase the basic SD about the energy and its process.
73	B.E MECHANICAL ENGINEERING	FEB160204	COMPUTER AIDED DESIGN	2018-19	EM: Computer aided design of induction motor.
74	B.E MECHANICAL ENGINEERING	FEB160208	PROJECT - II	2018-19	EM: & EP: Solving Industrial or User defined problems by applying engineering principals.
75	B.E MECHANICAL ENGINEERING	FEB170202	AUTOMATION IN MANUFACTURING	2018-19	EP: Students Can use these modern and Advanced Manufacturing methods for ENdevelopment in future
76	B.E MECHANICAL ENGINEERING	FEB170204	INTERNAL COMBUSTION ENGINE	2018-19	SD: Understanding of different types of engines and working of their components, performance parameters of engine through experiments. EM: Knowledge of principles of thermodynamics, analysis of engine components, performance analysis of IC engine through different tests. EP: Knowledge of IC engine will help to analyze various fuel supply systems, ignition and governing systems, develop new mechanisms for fuel/air mixing and lower emission levels.
77	B.E MECHANICAL ENGINEERING	FEB170206	REFRIGERATION & AIR CONDITIONING	2018-19	EM: Understand and analyze the various refrigeration systems for different heating and cooling applications. SD: Load estimation, duct design method and air distribution system for analyzing duct and piping system can be applied for various HVAC system used in commercial and industrial applications.
78	B.E MECHANICAL ENGINEERING	FEB170207	FINITE ELEMENT ANALYSIS	2018-19	SD: FEA simulation used in various industries during design and development of product. EM: Hands on training on FEM software.
79	B.E MECHANICAL ENGINEERING	FEB170208	PROJECT - III	2018-19	EM: & EP: Solving Industrial or User defined problems by applying engineering principals.
80	B.E MECHANICAL ENGINEERING	FEB180201	OPERATION RESEARCH	2018-19	EP: Linear mathematical formulation will help to formulate and analyze the business. EM: Knowledge of Transportation, assignments etc help to get EM in supply chain sector.
81	B.E MECHANICAL ENGINEERING	FEB180205	POWER PLANT ENGINEERING	2018-19	SD: Students will study basics of power plant, site selection criteria and working of different power plant systems, EM: knowledge of various types of feed



					water treatments, physics of nuclear power plants.
82	B.E MECHANICAL ENGINEERING	FEB180203	AUTOMOBILE ENGINEERING	2018-19	EM: Knowledge of principles of thermodynamics, analysis of engine components, performance analysis of IC engine through different tests, EP: Knowledge of IC engine will help to analyze various fuel supply systems, ignition and governing systems, develop new mechanisms for fuel/air mixing and lower emission levels
83	B.E MECHANICAL ENGINEERING	FEB180207	PROJECT - IV	2018-19	EM: & EP: Solving Industrial or User defined problems by applying engineering principals.
84	M.E THERMAL ENGINEERING	FEM115101	APPLIED COMPUTATIONAL METHOD	2018-19	SD: Coding for the computational Techniques.
85	M.E THERMAL ENGINEERING	FEM115102	ADVANCED THERMODYNAMICS AND HEAT TRANSFER	2018-19	EM: Understand and analysis the fundamentals of advanced thermodynamics and heat transfer mechanisms in fluids and solids and their applications in various heat transfer equipment used in practical engineering problem. SD: Hands on training on ANSYS software for analyzing various heat transfer problems.
86	M.E THERMAL ENGINEERING	FEM115105	ADVANCED INTERNAL COMBUSTION ENGINE	2018-19	SD: Understanding of different types of engines and working of their components, performance parameters of engine through experiments. EM: Knowledge of principles of thermodynamics, analysis of engine components, performance analysis of IC engine through different tests. EP: Knowledge of IC engine will help to analyze various fuel supply systems, ignition and governing systems, develop new mechanisms for fuel/air mixing and lower emission levels.
87	M.E THERMAL ENGINEERING	FEM115107	SOLAR ENERGY ENGINEERING	2018-19	SD: Student will learn how to do performance analysis of various solar thermal system. SD: Student will learn how to do performance analysis of various solar thermal system. EP: Student can utilize the concept learned from this subject to design and develop solar thermal system or improve its efficiency".
88	M.E THERMAL ENGINEERING	FEM115108	THERMAL AND NUCLEAR POWER PLANTS	2018-19	EM: Students will be able to understand and analyze the performance of various steam and gas turbine system used at power plants



89	M.E THERMAL ENGINEERING	FEM115110	DESIGN OF HEAT EXCHANGER	2018-19	SD: Students will have understanding of design of various heat exchangers, EM & EP: Students will have knowledge of how to select appropriate heat exchanger for given application.
90	M.E THERMAL ENGINEERING	FEM125101	EXPERIMENTAL TECHNIQUES AND INSTRUMENTATIONS IN THERMAL SYSTEMS	2018-19	SD: Students will have knowledge of various instruments and experimental techniques. EM:& EP: Students will be able to design and analyze mechanical components subjected to static and dynamic loading.
91	M.E THERMAL ENGINEERING	FEM125102	ADVANCED FLUID MECHANICS	2018-19	SD: Student are able to do analysis of subsonic, supersonic flow and flow through nozzle/diffuser.
92	M.E THERMAL ENGINEERING	FEM125103	ADVANCED REFRIGERATION ENGINEERING	2018-19	EM: Understand and analyze the various refrigeration systems for different heating and cooling applications.
93	M.E THERMAL ENGINEERING	FEM125104	DESIGN AND OPTIMIZATION OF THERMAL SYSTEM	2018-19	EM:Students will be able to design and optimize various thermal system. EP: Students will be able to apply the concept of design and its process for engineering enterprise while designing thermal system.
94	M.E THERMAL ENGINEERING	FEM125106	ENERGY CONSERVATION & MANAGEMENT	2018-19	EM:Learning the energy efficient utilities lead to enhance the EM of the students in large scale power plan as energy engineering. EP: Students will able to do the energy audit and prepare the audit report of such energy utilities in industry and buildings SD: Knowing the energy conservation act and energy economy lead to increase the basic SD about the energy and its process.
95	M.E THERMAL ENGINEERING	FEM125107	ADVANCED AIR CONDITIONING ENGINEERING	2018-19	SD: Students will be able to calculate various psychrometric processes and will know how to use tables and monographs to design air distribution systems, EM: & EP: This will help to develop SDs to analyze domestic and industrial requirements of air conditioning systems.
96	M.E THERMAL ENGINEERING	FEM125108	COMPUTATIONAL FLUID DYNAMICS	2018-19	SD: Application of FVM to complex geometry & Numerical modeling and simulation of various fluid mechanics problems EM:Analyze the numerical simulation to solve major engineering design problems involving fluid flow and heat transfer.



97	M.E THERMAL ENGINEERING	FEM135102	DISSERTATION PHASE-I	2018-19	EM: Student can opt IDP/UDP based on their choice and availability of the supervisor in the Institute/Industry SD: Through literature review relevant to topic of dissertation should be carried out to decide Aim, Objectives, and scope of the project work. Students should apply appropriate method of solution and primary results of experiments/computations should be validated against the available standard solution in the open literature.
98	M.E THERMAL ENGINEERING	FEM135108	EXERGY ANALYSIS OF THERMAL SYSTEMS	2018-19	EM: Exergy analysis of thermal system and utilities provide unique opportunities in power sector, and thermal system design.
99	M.E THERMAL ENGINEERING	FEM145102	DISSERTATION PHASE-II	2018-19	EM: M.E dissertation should be socially relevant and research-oriented ones. Each student is expected to do an individual project. SD: Student will be allowed to appear in the final viva voce examination only if he / she has submitted his / her project work in the form of paper for presentation / publication in a conference / Journal and produced the proof of acknowledgement of receipt of paper from the organizers / publishers.
100	B.E ELECTRICAL ENGINEERING	FEB110001	ENGINEERING MATHEMATICS-I	2018-19	SD: Mathematics is the basic building block of Engineering and affect all branches of Engineering across globe. EM: There is a huge demand of mathematics in engineering where mathematical modelling is required.
101	B.E ELECTRICAL ENGINEERING	FEB110202	ELEMENTS OF MECHANICAL ENGINEERING	2018-19	SD:The basic tools are most important to study with their working principles.
102	B.E ELECTRICAL ENGINEERING	FEB110003	COMMUNICATION SD	2018-19	EM: Effective communication give a abetter career opportunities. SD: Spoken English / Writing Practice / Conversation SDs Development
103	B.E ELECTRICAL ENGINEERING	FEB110304	ELEMENTS OF ELECTRICAL ENGINEERING	2018-19	SD: Numerical Analysis of DC and AC Circuits, Basics of Transfomer and Electrical Machines, Residential Electricity Bill and calculations of enrgy calculations. EM: The knowledge of basic Electrical engineering is required to study for every engineer.
104	B.E ELECTRICAL ENGINEERING	FEB110005	PHYSICS	2018-19	SD: To learn the basic concepts of semiconductor device and their characteristics and Superconductors EM:The knowledge of basic Physics is required to study for every engineer.
105	B.E ELECTRICAL ENGINEERING	FEB110206	BASIC WORKSHOP	2018-19	SD: The knowledge of basic Workshop is required to study for every engineer.



106	B.E ELECTRICAL ENGINEERING	FEB120001	ENGINEERING MATHEMATICS - II	2018-19	SD: Mathematics is the basic building block of Engineering and affect all branches of Engineering across globe. EM: There is a huge demand of mathematics in engineering where mathematical modelling is required.
107	B.E ELECTRICAL ENGINEERING	FEB120302	BASIC ELECTRONICS	2018-19	EP : The people with knowledge of Electronics leads to easy EM as a service provider of electronics items. SD: Special Purpose Diodes & transistors, Digital Electronics (Gates and Logic families)
108	B.E ELECTRICAL ENGINEERING	FEB120403	COMPUTER PROGRAMMING WITH C	2018-19	SD:world is going to be digital day by day and various machine languages needs to be study across the world.
109	B.E ELECTRICAL ENGINEERING	FEB120204	ENGINEERING GRAPHICS	2018-19	SD:The people with knowledge of Engineering Graphics leads to easy EM as a service provider of commercial and residential building desiner and engineer.
110	B.E ELECTRICAL ENGINEERING	FEB120105	ENVIRONMENTAL SCIENCE(MANDATORY COURSE)	2018-19	SD: To acquire the SD for the solution of static determinate structures and calculations of support reactions and stresses in various tpes of beams, columns, arches and cable ans suspension bridges.
111	B.E ELECTRICAL ENGINEERING	FEB130001	EFFECTIVE TECHNICAL COMMUNICATION	2018-19	SD: Preparation of map and identifying the area and volume of different shape. Demonstrate different surveying and levelling techniques using standard and modern surveying instruments,
112	B.E ELECTRICAL ENGINEERING	FEB130002	INDIAN CONSTITUTION	2018-19	EP: Basic ENand its role in Economical growth/development in India
113	B.E ELECTRICAL ENGINEERING	FEB130301	ENGINEERING MATHEMATICS –III (PROBABILITY & STATISTICS)	2018-19	EM: Flood estimation and forcasting using probability plotting methods SD : To evaluate various parameters of Hydrology
114	B.E ELECTRICAL ENGINEERING	FEB130302	ELECTRICAL CIRCUIT ANALYSIS	2018-19	SD: Various theorems and principles of Circuits and synthesis and analysis of circuits.
115	B.E ELECTRICAL ENGINEERING	FEB130303	ANALOG & DIGITAL ELECTRONICS	2018-19	SD:Technology driven study needs to learn this course.
116	B.E ELECTRICAL ENGINEERING	FEB130304	CONTROL SYSTEMS ENGINEERING	2018-19	SD:It comprise of Various control algorithms like bode plot, Nyquist, root locus to check the system stability and its associated principles.
117	B.E ELECTRICAL ENGINEERING	FEB140001	ESSENCE OF INDIAN KNOWLEDGE TRADITION	2018-19	SD:One should know the rituals and traditions where one live.
118	B.E ELECTRICAL ENGINEERING	FEB140301	ELECTRICAL MACHINES-I	2018-19	EMThe knowledge of Electrical machines is most required to get employment in electrical field.
119	B.E ELECTRICAL ENGINEERING	FEB140302	ELECTROMAGNETIC FIELDS	2018-19	EM:The phenomenon and and a characteristics of an electron in various field and its effects in electrical fiels is explained.
120	B.E ELECTRICAL ENGINEERING	FEB140303	INTERNET OF THINGS	2018-19	SD:Technology driven study needs to learn this course.



121	B.E ELECTRICAL ENGINEERING	FEB140304	POWER PLANT ENGINEERING	2018-19	EM:The concern about energy saving and generation lead to study this subject.
122	B.E ELECTRICAL ENGINEERING	FEB140305	POWER ELECTRONICS- I	2018-19	EN:Explains the state of the art efficient control of bulk Electrical power through solid semiconductor device and its various configurations.
123	B.E ELECTRICAL ENGINEERING	FEB150001	ENGINEERING ECONOMICS AND MANAGEMENT	2018-19	EN:The knowledge of Economics and how its effects on local, national and international market of engineering is explained along with engineering perspectives.
124	B.E ELECTRICAL ENGINEERING	FEB150301	ELECTRICAL MACHINES – II	2018-19	EN:The knowledge of Electrical machines is most required.
125	B.E ELECTRICAL ENGINEERING	FEB150302	POWER ELECTRONICS- II	2018-19	EN:Power Electronics provide easy way to save electrical energy thus it is important to study it.
126	B.E ELECTRICAL ENGINEERING	FEB150303	MICROPROCESSORS	2018-19	SD:The circuit which in collaboration with computers required to study microprocessor.
127	B.E ELECTRICAL ENGINEERING	FEB150304	ELEMENTS OF ELECTRICAL DESIGN	2018-19	SD:The knowledge of Electrical design is most required.
128	B.E ELECTRICAL ENGINEERING	FEB150305	ELECTRICAL POWER SYSTEMS -I	2018-19	EN:The efficient generation and transmission of electrical energy it is required to study this course.
129	B.E ELECTRICAL ENGINEERING	FEB160301	ELECTRICAL POWER SYSTEMS - II	2018-19	SDThe efficient generation and transmission of electrical energy it is required to study this course.
130	B.E ELECTRICAL ENGINEERING	FEB160302	ELECTRICAL MEASUREMENTS	2018-19	EN:In engineering the measurement of any physical quantity plays important role.
131	B.E ELECTRICAL ENGINEERING	FEB160303	ELECTRICAL DRIVES	2018-19	SD:In collaboration with electric machine the power electronics drive can save huge amount of energy.
132	B.E ELECTRICAL ENGINEERING	FEB160304	HIGH VOLTAGE ENGINEERING	2018-19	EN:The efficient generation and transmission of high capacity electrical energy it is required to study this course.
133	B.E ELECTRICAL ENGINEERING	FEB160305	ELECTRICAL MACHINE DESIGN- I	2018-19	SD:The knowledge of Electrical machine design is most required.
134	B.E ELECTRICAL ENGINEERING	FEB160001	CYBER SECURITY	2018-19	EM:In this digital era cyber fraud is most prominent so study to avoid it is most required.
135	B.E ELECTRICAL ENGINEERING	FEB170301	ELECTRICAL MACHINE DESIGN- II	2018-19	EM:The knowledge of Electrical machine design is most required.
136	B.E ELECTRICAL ENGINEERING	FEB170302	POWER SYSTEM PROTECTION	2018-19	SD: Generally power system is connected with various grid and loads so the study of power system protection is most required.
137	B.E ELECTRICAL ENGINEERING	FEB170303	SIGNAL AND SYSTEM	2018-19	SD: The knowledge of signal and its manipulation to generate desired signal is important to study.
138	B.E ELECTRICAL ENGINEERING	FEB170304	INTER CONNECTED POWER SYSTEM	2018-19	Generally power system is connected with various grid and loads so the study of power system protection is most required.



139	B.E ELECTRICAL ENGINEERING	FEB170305	PROJECT- I	2018-19	The course covered in a programme leads to idea generation and thus the idea needs to be converted to physical working model.
140	B.E ELECTRICAL ENGINEERING	FEB180301	POWER QUALITY AND FACTS	2018-19	EM:Power quality is concerned a lot in digital scenario due to the use of power electronic device and non linear loads. So it is must to lear for electrical engineer.
141	B.E ELECTRICAL ENGINEERING	FEB180302	INDUSTRIAL INSTRUMENTATION	2018-19	SD: Industrial instrumentation is the use of sensors, switches, and valves to measure and control industrial processes. This includes everything from measuring temperatures to controlling fluid levels in a tank
142	B.E ELECTRICAL ENGINEERING	FEB180303	COMPUTER AIDED DESIGN FOR ELECTRICAL ENGINEERING	2018-19	Electrical computer-aided design (ECAD) software systems are used to design and develop electronic systems such as printed circuit boards (PCBs) and integrated circuits (ICs).
143	B.E ELECTRICAL ENGINEERING	FEB180304	PROJECT II	2018-19	EM:The course covered in a programme leads to idea generation and thus the idea needs to be converted to physical working model.
144	M.E ELECTRICAL ENGINEERING	FEM115301	NUMERICAL TECHNIQUES	2020-21	EN: Mathematics is the basic building block of Engineering and affect all branches of Engineering across globe.
145	M.E ELECTRICAL ENGINEERING	FEM115302	ADVANCED POWER ELECTRONICS	2020-21	EN: Power Electronics provide easy way to save electrical energy thus it is important to study it.
146	M.E ELECTRICAL ENGINEERING	FEM115303	COMPUTER METHODS IN POWER SYSTEM ANALYSIS	2020-21	SD: Generally power system is connected with various grid and loads so the study of power system protection is most required.
147	M.E ELECTRICAL ENGINEERING	FEM115304	.ADVANCED POWER SYSTEM PROTECTION AND SWITCHGEAR	2020-21	EN: Generally power system is connected with various grid and loads so the study of power system protection is most required.
148	M.E ELECTRICAL ENGINEERING	FEM115305	ELECTRICAL DRIVES	2020-21	EM:In collobration with electric machine the power electronics drive can save huge amount of energy.
149	M.E ELECTRICAL ENGINEERING	FEM110001	RESEARCH SD & METHODOLOGY	2020-21	EN: Reseach SD is important to acquire.
150	M.E ELECTRICAL ENGINEERING	FEM110002	DISASTER MANAGEMENT (MANDATORY COURSE)	2020-21	SD: An engineer should be able to defeat the undisired condition.
151	M.E ELECTRICAL ENGINEERING	FEM125301	MODERN CONTROL SYSTEMS	2020-21	SD: It comprise of Various control algoriths like bode plot, Nyquist, root locus to check the system stability and its associated principles.
152	M.E ELECTRICAL ENGINEERING	FEM125302	ELECTRICAL MACHINE MODELING AND ANALYSIS	2020-21	EM: The knowledge of Electrical machine design is most required.
153	M.E ELECTRICAL ENGINEERING	FEM125302	FACTS	2020-21	SD: The distribution method of generated power needs to study FACTS.
154	M.E ELECTRICAL ENGINEERING	FEM125304	POWER SYSTEM MANAGEMENT & OPTIMIZATION (PS)	2020-21	EM:The distribution method of generated power needs to study FACTS.



155	M.E ELECTRICAL ENGINEERING	FEM125305	ADVANCED POWER CONVERTORS	2020-21	EN: In collaboration with electric machine the power electronics drive can save huge amount of energy so the converter study is important.
156	M.E ELECTRICAL ENGINEERING	FEM125306	ADVANCED ELECTRICAL DRIVES	2020-21	SD: In collaboration with electric machine the power electronics drive can save huge amount of energy.
157	M.E ELECTRICAL ENGINEERING	FEM125307	ARTIFICIAL INTELLIGENT APPLICATION TO POWER SYSTEM	2020-21	EM: Technology driven study needs to learn this course.
158	M.E ELECTRICAL ENGINEERING	FEM125308	MODERN POWER SYSTEM PROTECTION	2020-21	EN: Generally power system is connected with various grid and loads so the study of power system protection is most required.
159	M.E ELECTRICAL ENGINEERING	FEM125309	APPLICATION OF POWER ELECTRONICS TO POWER SYSTEM	2020-21	EN: Power Electronics provide easy way to save electrical energy thus it is important to study it.
160	M.E ELECTRICAL ENGINEERING	FEM125310	INDUSTRIAL ELECTRONICS AND INSTRUMENTATION	2020-21	EM: Technology driven study needs to learn this course.
161	M.E ELECTRICAL ENGINEERING	FEM125311	MINI PROJECT AND SEMINAR	2020-21	EN: The students are given mini project so their gain knowledge can be utilised to make prototype.
162	M.E ELECTRICAL ENGINEERING	2	RESEARCH PAPER WRITING	2020-21	SD: Ones expertise is measured through its research paper writing skill.
163	M.E ELECTRICAL ENGINEERING	FEM135301	DISSERTATION PHASE- I	2020-21	EN: Ones expertise is measured through its research paper writings and dissertation SD.
164	M.E ELECTRICAL ENGINEERING	FEM135302	INTERNAL REVIEW-I	2020-21	EM:the progress of student project is measured through IR-I and II.
165	M.E ELECTRICAL ENGINEERING	FEM135303	POWER SYSTEM DYNAMICS AND CONTROL	2020-21	SD: Power system often observes fluctuation thus requires to study its dynamic characteristics.
166	M.E ELECTRICAL ENGINEERING	FEM135304	POWER QUALITY ISSUES AND THEIR MITIGATION TECHNIQUES	2020-21	EN: Due to utilisation of non linear load , harmonic is generated and to mitigate it the study of power quality is important.
167	M.E ELECTRICAL ENGINEERING	FEM135305	ADVANCED CONTROL TECHNIQUES FOR ELECTRICAL MACHINES (PE) (FEM135305)	2020-21	EN: Control system study is required for process automation and industrial application.
168	M.E ELECTRICAL ENGINEERING	FEM135306	MODELING AND ANALYSIS OF POWER CONVERTERS	2020-21	EM:Generally power system is connected with various grid and loads so the study of power system protection is most required.
169	M.E ELECTRICAL ENGINEERING	FEM135307	ECONOMICS OF ENERGY GENERATION & SUPPLY	2020-21	EN: After all energy economics is plays a pivotal role.
170	M.E ELECTRICAL ENGINEERING	FEM135308	DIGITAL SIGNAL PROCESSING FOR POWER ELECTRONICS (2020-21	SD: The knowledge of signal and its manipulation to generate desired signal is important to study.
171	M.E ELECTRICAL ENGINEERING	FEM145301	DISSERTATION PHASE- II	2020-21	EN: Ones expertise is measured through its research paper writings and dissertation SD.
172	M.E ELECTRICAL ENGINEERING	FEM145302	INTERNAL REVIEW-II	2020-21	EM:the progress of student project is measured through IR-I and II.



173	B.E COMPUTER ENGINEERING	FEB120403	COMPUTER PROGRAMMING WITH C	2018-19	SD:C programming language helps understand the different variables, data types, etc. EM:C is typically used for writing code for embedded systems.
174	B.E COMPUTER ENGINEERING	FEB150402	OBJECT ORIENTED PROGRAMMING WITH JAVA	2018-20	SD:Java is one of the most in-demand languages EM:they will, because no matter what changes could happen in the IT industry, many business applications are built using Java, and companies will maintain them anyway.
175	B.E COMPUTER ENGINEERING	FEB140405	DATABASE MANAGEMENT SYSTEMS	2018-19	SD: A database management system (DBMS) is software to create and manage databases, allowing users to create, read, update and delete data in a database. EM: A database management system (DBMS) is software to create and manage databases, allowing users to create, read, update and delete data in a database.
176	B.E COMPUTER ENGINEERING	FEB150404	WEB TECHNOLOGY	2018-19	SD: Web Technology refers to the various tools and techniques that are utilized in the process of communication between different types of devices over the Internet. EM: There is a high demand for SDED web developers, and this demand is only expected to increase in the future. According to the Bureau of Labor Statistics, employment of web developers is projected to grow 8 percent from 2020 to 2030
177	B.E COMPUTER ENGINEERING	FEB160001	CYBER SECURITY	2018-19	SD:An in-depth understanding of networking is required to start a career in cybersecurity. Learning networking will help you understand data transmission's technical aspects, which will help you secure your data. EM:Cyber security has a high demand for SDED professionals and is growing gradually. Global cyber security spending is expected to rise from US \$170 billion in 2017 to US \$202 billion by 2023.
178	B.E COMPUTER ENGINEERING	FEB170402	DATA MINING & BUSINESS INTELLIGENCE	2018-19	SD:Data mining is the process of sorting through large data sets to identify patterns and relationships that can help solve business problems through data analysis. EM:Data mining specialists are just one specialization in the diverse data science career landscape, one of the hottest growing fields in the world today. In fact, the U.S. Bureau of Labor Statistics projects a 36% growth in data science occupations through 2031.



179	B.E COMPUTER ENGINEERING	FEB180401	ARTIFICIAL INTELLIGENCE	2018-19	<p>SD: Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, and speech recognition and machine vision.</p> <p>EM: Salaries for Top Roles in Artificial Intelligence Are Excellent. If you stick with it and work your way up into the top job roles for AI professionals, you'll have a good chance of earning a considerable salary.</p>
180	B.E COMPUTER ENGINEERING	FEB180405	CLOUD COMPUTING	2018-19	<p>SD: cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale.</p> <p>EM: A cloud computing career is highly rewarding. Fortunately, there are several cloud computing job openings and opportunities within the field that may be right for you, from DevOps engineers to data analysts and more.</p>
181	B.E INFORMATION TECHNOLOGY	FEB160503	MOBILE APPLICATION DEVELOPMENT	2022-23	<p>SD: Mobile application development is the process of creating software applications that run on a mobile device, and a typical mobile application utilizes a network connection to work with remote computing resources.</p> <p>EM: A mobile app developer uses programming languages and development SDs to create, test, and develop applications on mobile devices. They work in popular operating system environments like iOS and Android and often take into account UI and UX principles when creating applications.</p>
182	B.E INFORMATION TECHNOLOGY	FEB170405	.NET TECHNOLOGY	2022-23	<p>SD: . NET is an open-source platform for building desktop, web, and mobile applications that can run natively on any operating system. The . NET system includes tools, libraries, and languages that support modern, scalable, and high-performance software development.</p> <p>EM: . NET can be a lucrative professional path. The demand for . NET developer salary remains high, with many businesses relying on the framework for software development.</p>



183	B.E INFORMATION TECHNOLOGY	FEB170408	PYTHON PROGRAMMING	2022-23	SD:Python is a general-purpose coding language; unlike HTML, CSS, and JavaScript. It can be used for other programming types besides web development EM:Python is easy to understand and once you do, you can use those SDs to land a wonderful career in the rapidly developing data science industry.
184	M.E COMPUTER ENGINEERING	FEM115406	MACHINE LEARNING	2020-21	SD:The essential concepts in machine learning often involve statistical analysis and mathematical data manipulation. Machine learning requires software engineering, data science, communication, and problem-solving proficiency. EM:Machine Learning in India and around the world has a much higher potential than other career disciplines when it comes to work prospects. It is predicted that by 2022, there will be 2.3 million jobs in the field of AI and ML.
185	M.E COMPUTER ENGINEERING	FEM115404	DATA SCIENCE	2020-21	SD:Data science is the domain of study that deals with vast volumes of data using modern tools and techniques to find unseen patterns, derive meaningful information, and make business decisions. EM:You may need to start in an entry-level field as a data analyst, but with a proficiency as in-demand as data science, you'll get your chance to make your move, and once you've shown you can do the job, you'll have your pick of top companies and top positions in the profession.
186	M.E COMPUTER ENGINEERING	FEM125402	IMAGE PROCESSING	2020-21	SD: Image processing is the process of transforming an image into a digital form and performing certain operations to get some useful information from it. EM:The growth of deep learning technologies has led to the rapid acceleration of computer vision in open source projects, which has only increased the need for image processing tools. The demand for professionals with key SDs in deep learning technologies is growing at a rapid pace every year.
187	M.E COMPUTER ENGINEERING	FEM125407	GLOBAL INFORMATION & POSITIONING SYSTEM	2020-21	SD: The Global Positioning System (GPS) is a U.S.-owned utility that provides users with positioning, navigation, and timing (PNT) services. EM: Number of employees in IT. As per National Association of Software and Services Companies (NASSCOM), Indian Information Technology (IT) Industry directly employs around 51 lakh persons in FY 2021-22, most of which are IT SDed.
188	MASTER OF SCIENCE - MICROBIOLOGY	MMIC101DSC	CELL BIOLOGY	2020-2021	SD: To Evaluate and apply knowledge of modern techniques in cellular biology.



189	MASTER OF SCIENCE - MICROBIOLOGY	MMIC102DS C	MOLECULAR BIOLOGY AND GENETICS	2020-2021	EM: Can apply in pharmaceutical industries and molecular laboratory
190	MASTER OF SCIENCE - MICROBIOLOGY	MMIC103DS C	BIODIVERSITY AND ECOLOGY	2020-2021	EM: To work in forest department as well as in fisheries departments
191	MASTER OF SCIENCE - MICROBIOLOGY	MMIC104DS C	MICROBIAL TAXONOMY	2020-2021	SD: To evaluate the new species name during research work
192	MASTER OF SCIENCE - MICROBIOLOGY	MMIC101SE	BIOINFORMATICS PART 1	2020-2021	EM: Able to work in bioinformatics lab and work as Data analyst
193	MASTER OF SCIENCE - MICROBIOLOGY	MMIC201DS C	BIOCHEMISTRY	2020-2021	EM: Able to utilize the new compounds and mechanisms in biochemistry lab
194	MASTER OF SCIENCE - MICROBIOLOGY	MMIC202DS C	INSTRUMENTATION AND ANALYTICAL TECHNIQUES	2020-2021	SD: To enhance the operating system of instruments that utilized in different industries
195	MASTER OF SCIENCE - MICROBIOLOGY	MMIC203DS C	BIostatISTICS AND RESEARCH METHODOLOGY	2020-2021	SD: Help to enhance the ability of research writing and statistical analysis
196	MASTER OF SCIENCE - MICROBIOLOGY	MMIC204DS C	BIOPROCESS AND BIOCHEMICAL ENGINEERING	2020-2021	EN: Able to develop their own different kinds of industry
197	MASTER OF SCIENCE - MICROBIOLOGY	MMIC201SE	BIOINFORMATICS PART 2	2020-2021	EM: To able to work in bioinformatics lab and work as Data analyst
198	MASTER OF SCIENCE - MICROBIOLOGY	MMIC301DS C	BACTERIOLOGY AND VIROLOGY	2021-2022	SD: To evaluate AND UNDERSTAND the new species name during research work
199	MASTER OF SCIENCE - MICROBIOLOGY	MMIC302DS C	GENETICS OF BACTERIA AND VIRUS	2021-2022	EM: To work in genetic engineering laboratory and RND department of various industries
200	MASTER OF SCIENCE - MICROBIOLOGY	MMIC303DS C	MICROBIAL PHYSIOLOGY AND DEVELOPMENT	2021-2022	SD: Explain microbial growth, growth kinetics and factors affecting growth. Define basic concept of microbial physiology.
201	MASTER OF SCIENCE - MICROBIOLOGY	MMIC304DS C	IMMUNOLOGY	2021-2022	EM: Interpret the concept of immunogen and disease
202	MASTER OF SCIENCE - MICROBIOLOGY	MMIC301SE	MICROBIAL DIVERSITY AND EXTREMOPHILES	2021-2022	EM: To work in forest department as well as in marine departments
203	MASTER OF SCIENCE - MICROBIOLOGY	MMIC401DS C	RECOMBINANT DNA TECHNOLOGY	2021-2022	SD: An understanding on application of genetic engineering techniques in basic and applied experimental biology.
204	MASTER OF SCIENCE - MICROBIOLOGY	MMIC402DS C	MEDICAL MICROBIOLOGY	2021-2022	EM: The student will be able to evaluate methods used to identify infectious agents in the clinical microbiology lab.
205	MASTER OF SCIENCE - MICROBIOLOGY	MMIC403DS C	FOOD TECHNOLOGY	2021-2022	EN: Understanding the process of fermentation of milk and other food products and start up the food industry
206	MASTER OF SCIENCE - MICROBIOLOGY	MMIC404DS C	AIR AND WATER MICROBIOLOGY	2021-2022	SD: Understand various physical and chemical means of sterilization and also learn various techniques for isolation of pure cultures
207	MASTER OF SCIENCE - MICROBIOLOGY	MMIC401SE	DRUG DISCOVERY AND CLINICAL RESEARCH	2021-2022	SD: Identify and resolve drug related problems and detect, assess and monitor adverse drug reaction
208	MASTER OF SCIENCE - BOTANY	MBOT111DS C	STUDY OF LIFE FORMS - I AND PLANT PATHOLOGY	2021-22	SD: To Evaluate and apply knowledge of microbes.
209	MASTER OF SCIENCE - BOTANY	MBOT112DS C	PRINCIPLES OF BIOCHEMISTRY	2021-22	EM: To able to work in biochemicals.



210	MASTER OF SCIENCE - BOTANY	MBOT113DS C	PRINCIPLES OF CELL BIOLOGY	2021-22	SD: To identify and Research on different between cell organism
211	MASTER OF SCIENCE - BOTANY	MBOT114DS C	GENETICS AND EVOLUTION	2021-22	EM: Help to inhance genetic materials and Evaluated.
212	MASTER OF SCIENCE - BOTANY	MBOT115SE	BIODIVERSITY	2021-22	EM: Able to identify different plant Species.
213	MASTER OF SCIENCE - BOTANY	MBOT121DS C	STUDY OF LIFE FORMS II	2021-22	SD: To able to Work of identify between different plants.
214	MASTER OF SCIENCE - BOTANY	MBOT122DS C	PLANT REPRODUCTIVE & DEVELOPMENT BIOLOGY	2021-22	SD: To able to Work of Reproduction and development of plant
215	MASTER OF SCIENCE - BOTANY	MBOT123DS C	INSTRUMENTAL METHOD FOR BIOLOGICAL SCIENCE & BIOSTATISTICS	2021-22	SD: Help to inhance the ability of statatical analysis.
216	MASTER OF SCIENCE - BOTANY	MBOT124DS C	PLANT RESOURCES UTILIZATION AND CONSERVATION	2022-23	SD: Able to Resource Utilise and Conservation
217	MASTER OF SCIENCE - BOTANY	MBOT125SE	HERBAL MEDICINE	2022-23	EM: To work in forest department
218	MASTER OF SCIENCE - BOTANY	MBOT211DS C	PLANT MOLECULAR BIOLOGY	2022-23	EM: Can apply in pharmaceutical industry and molecular laboratories.
219	MASTER OF SCIENCE - BOTANY	MBOT212DS C	PLANT PHYSIOLOGY	2022-23	SD: To work on physiological topics.
220	MASTER OF SCIENCE - BOTANY	MBOT213DS C	PLANT ECOLOGY	2022-23	EM: Able to utilize the new Ecological Plants.
221	MASTER OF SCIENCE - BOTANY	MBOT214DS C	ANGIOSPERM TAXONOMY	2022-23	SD: To evalute the new specieces name during research work
222	MASTER OF SCIENCE - BOTANY	MBOT215SE	BIOFERTILIZER	2022-23	EM: Able to utilize the Plant waste.
223	MASTER OF SCIENCE - BOTANY	MBOT221DS C	PLANT BIOTECHNOLOGY	2022-23	SD: Help to inhance the ability of Bioinformative technology.
224	MASTER OF SCIENCE - BOTANY	MBOT222DS C	ETHNOBOTANY	2022-23	SD: To Evaluate different plant utilise in daily life.
225	MASTER OF SCIENCE - BOTANY	MBOT223DS C	PLANT BIOINFORMATICS & RESEARCH METHEDOLOGY	2022-23	SD: To Evaluate and apply knowledge of modern techniques in Research methology.
226	MASTER OF SCIENCE - BOTANY	MBOT224DS C	HORTICULTURE AND PLANT BREEDING	2022-23	EM: Able to utilize the new Plants and Breeding.
227	MASTER OF SCIENCE - BOTANY	MBOT225DS C	THE ENVIRONMENT POLLUTION & CLIMATE CHANGE	2022-23	EM: To work in Environment as well as in Climate change
228	MASTE OF SCIENCE - MATHEMATICS	MMAT111DS C	DIFFERENTIAL EQUATION	2018-19	SD: To explain the concept of differential equation with respect to their order and linearity.
229	MASTE OF SCIENCE - MATHEMATICS	MMAT112DS C	GENERAL TOPOLOGY	2018-19	SD: To apply knowledge of general topology to formulate and slove problems of s topological nature in mathematics and other fields where topological issues arise.
230	MASTE OF SCIENCE - MATHEMATICS	MMAT113DS C	ABSTRACT ALGEBRA	2018-19	EN: Applying the concept of group action to real life problem such as counting



231	MASTE OF SCIENCE - MATHEMATICS	MMAT114DS C	NUMBER THEORY	2018-19	SD: To explain some of the concepats of number theory, a primary area of mathematics, using examples.
232	MASTE OF SCIENCE - MATHEMATICS	MMAT115SE	GRAPH THEORY	2018-19	SD: To present information quickly and easily
233	MASTE OF SCIENCE - MATHEMATICS	MMAT211DS C	PARTIAL DIFFERENTIAL EQUATION	2018-19	SD: apply the concept of linearity to solve non homogenous PDEs by the method of linear superposition
234	MASTE OF SCIENCE - MATHEMATICS	MMAT212DS C	DIFFERENTIAL GEOMETRY	2018-19	SD: To understand the fundamental theorem for plane curve and evolutes of space curves with the help of examples
235	MASTE OF SCIENCE - MATHEMATICS	MMAT213DS C	COMPLEX ANALYSIS	2018-19	EN: Demonstrate accurate and efficient use of complex analysis techniques
236	MASTE OF SCIENCE - MATHEMATICS	MMAT214DS C	OPERATION RESEARCH	2018-19	SD: Understand variety of problem such as assignment, tranportation, travelling, salesman etc
237	MASTE OF SCIENCE - MATHEMATICS	MMAT215SE	INTEGRAL TRANSFORM	2018-19	SD: Understand fourier transform and its properties and will be able to solve the examples based on it
238	MASTE OF SCIENCE - MATHEMATICS	MMAT311DS C	ALGEBRA-II(FIELD THEPRY)	2019-20	SD: To use diverse properties of field extensions in various areas.
239	MASTE OF SCIENCE - MATHEMATICS	MMAT312DS C	FUNCTIONAL ANALYSIS-I	2019-20	SD: To build an understanding of mathematical analysis through the use of mathematical proof
240	MASTE OF SCIENCE - MATHEMATICS	MMAT313DS C	ADVANCE LINEAR ALGEBRA	2019-20	EN: carry out and convey reasoning with abstract algebraic objects.
241	MASTE OF SCIENCE - MATHEMATICS	MMAT314DS C	MATHEMATICAL STATISTICS -I	2019-20	SD: to analyze ststistical data using measures of central tendency, dispersion and location
242	MASTE OF SCIENCE - MATHEMATICS	MMAT315SE	INTEGRAL EQUATION	2019-20	SD: Solve integral equation of several types.
243	MASTE OF SCIENCE - MATHEMATICS	MMAT411DS C	REAL ANALYSIS	2019-20	EN: Appreciate how abstract ideas and rigorous methods in real analysis can be applied to important practical problems,
244	MASTE OF SCIENCE - MATHEMATICS	MMAT412DS C	FUNCTIONAL ANALYSIS-II	2019-20	EN: To discuss knowledge of central concepts from functional analysis.
245	MASTE OF SCIENCE - MATHEMATICS	MMAT413DS C	NUMERICAL ANALYSIS	2019-20	SD: Understanding the theoretical and practical aspects of the use of numerical methods
246	MASTE OF SCIENCE - MATHEMATICS	MMAT414DS C	MATHEMATICAL STATISTICS -II	2019-20	EN: feame problem using multipal mathematical and statistical representations of relevent structure and solve using standard techniques.
247	MASTE OF SCIENCE - MATHEMATICS	MMAT415SE	RESEARCH METHODOLOGY	2019-20	SD: Develop SDs in qualitative and quantitative data analysis and presentation
248	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE101UD SC	INORGANIC CHEMISTRY	2018	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.



249	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE102UD SC	ORGANIC CHEMISTRY	2018	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
250	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE103UD SC	PHYSICAL CHEMISTRY	2018	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
251	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE104UD SC	ANALYTICAL CHEMISTRY	2018	SD- Develop basic communication SDs through working in groups in performing the laboratory experiments and by interpreting the results
252	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE101US E	SPECTROSCOPY AND DIFFRACTION METHOD/ PHOTOINORGANIC CHEMISTRY	2018	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
253	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE201UD SC	INORGANIC CHEMISTRY	2018	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
254	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE202UD SC	ORGANIC CHEMISTRY	2018	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
255	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE203UD SC	PHYSICAL CHEMISTRY	2018	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
256	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE204UD SC	ANALYTICAL CHEMISTRY	2018	SD- Develop basic communication SDs through working in groups in performing the laboratory experiments and by interpreting the results
257	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE201US E	BIOLOGY FOR CHEMIST/ COMPUTATIONAL CHEMISTRY	2018	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
258	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE301UD SC	NATURAL PRODUCTS	2019	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
259	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE302UD SC	MEDICINAL CHEMISTRY-I	2019	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
260	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE303UD SC	INDUSTRIAL CHEMISTRY-I	2019	SD- Develop basic communication SDs through working in groups in performing



					the laboratory experiments and by interpreting the results
261	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE304UD SC	ADVANCED ORGANIC CHEMISTRY-I	2019	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
262	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE301USE	ENVIRONMENTAL CHEMISTRY/ RESEARCH METHODOLOGY	2019	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
263	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE401UD SC	HETEROCYCLIC CHEMISTRY AND ORGANIC REACTION MECHANISM	2019	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
264	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE402UD SC	MEDICINAL CHEMISTRY-II	2019	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
265	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE403UD SC	INDUSTRIAL CHEMISTRY-II	2019	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
266	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE404UD SC	ADVANCED ORGANIC CHEMISTRY-II	2019	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
267	MASTER OF SCIENCE - ORGANIC CHEMISTRY	MCHE401USE	ORGANOMETALLIC COMPOUNDS/ NANO CHEMISTRY	2019	SD- Develop basic communication SDs through working in groups in performing the laboratory experiments and by interpreting the results
268	MASTER OF SCIENCE - PHYSICS	MPHY111DSC	MATHEMATICAL PHYSICS-I & PROGRAMMING IN C-I	2019-20	SD: students gain the knowledge of function of a complex variable, integral transforms, decision making and looping, arrays, character arrays and strings, functions, EM : to get employment in sector of programming and robotics
269	MASTER OF SCIENCE - PHYSICS	MPHY112DSC	CLASSICAL MECHANICS-I & ELECTRODYNAMICS-I	2019-20	SD: students gain the knowledge of canonical transformation, small oscillation and rotating frame, electromagnetic waves, poynting vector and the flow of power, guided waves EM: to get employment in sector of electronics and communication
270	MASTER OF SCIENCE - PHYSICS	MPHY113DSC	QUANTUM MECHANICS-I & SOLID STATE PHYSICS-I	2019-20	SD: students will gain the knowledge of the function of a complex variable, representation of quantum states, angular momentum, energy bands, semiconductor crystals



271	MASTER OF SCIENCE - PHYSICS	MPHY114DS C	ELECTRONICS-I	2019-20	EM: to get employment in sector of electronics SD: students will gain the knowledge of fet amplifiers, multivibrators, power amplifier, wave shaping circuit, ic fabrication, timer 555 ic.
272	MASTER OF SCIENCE - PHYSICS	MPHY117SE	SPACE PHYSICS	2019-20	SD: Students will gain the Knowledge of the fundamentals of different kind atmospheric layers in brief, and aurora and airglow
273	MASTER OF SCIENCE - PHYSICS	MPHY211DS C	MATHEMATICAL PHYSICS-II & PROGRAMMING IN C-II	2019-20	SD: students will gain the knowledge of tensor analysis, group theory, structures and unions, pointers, file management in c, developing a c program. EM: to get employment in computer programming sector
274	MASTER OF SCIENCE - PHYSICS	MPHY212DS C	STATISTICAL MECHANICS-II & COMPUTER-II	2019-20	EM: to get employment in sector of electronics and communication SD: students will gain the knowledge of basic concept in statistical mechanics and quantum statistics, ideal Bose and Fermi system, windows and power point, micro-soft word.
275	MASTER OF SCIENCE - PHYSICS	MPHY213DS C	QUANTUM MECHANICS-II & SOLID STATE PHYSICS-II	2019-20	SD: students gain the knowledge of approximation methods for stationary states, the variation method, wkb approximation, evolution with time, fermi surfaces and metals, diamagnetism and paramagnetism.
276	MASTER OF SCIENCE - PHYSICS	MPHY214DS C	ELECTRONICS-II	2019-20	SD: students gain the knowledge of operational amplifier, digital electronics, microprocessor – i, microprocessors architecture and its operational, logic devices for interfacing, the 8085 mpu, microprocessor – ii.
277	MASTER OF SCIENCE - PHYSICS	MPHY217SE	SYNTHESIS OF MATERIAL	2019-20	SD: Students gain the Knowledge of the fundamentals of different kind Physical methods, thin film synthesis, Chemical routes, and Different crystal growth techniques
278	MASTER OF SCIENCE - PHYSICS	MPHY311DS C	NUCLEAR PHYSICS-I & INSTRUMENTS	2020-21	SD: students will gain the knowledge of nuclear properties, two-body forces, nuclear reactions, microscopy, uv-vis. EM: to get employment in nuclear power station
279	MASTER OF SCIENCE - PHYSICS	MPHY312DS C	STATISTICAL MECHANICS-III & COMPUTER-III	2020-21	EM: to get employment in sector of electronics and communication SD: students will gain the knowledge of phase equilibria, transport phenomena, micro-soft excel, computer network, internet and virus.
280	MASTER OF SCIENCE - PHYSICS	MPHY313DS C	QUANTUM MECHANICS-III & SOLID STATE PHYSICS-III	2020-21	SD: students gain the knowledge of scattering theory, partial wave analysis, ferromagnetism & anti ferromagnetism, magnetic resonance.



281	MASTER OF SCIENCE - PHYSICS	MPHY314DS C	ELECTRONICS-III	2020-21	SD: students gain the knowledge of pulse modulation, digital carrier systems, demodulation, remote sensing, fundamental of power electronics, basic of electrical machines, converts.
282	MASTER OF SCIENCE - PHYSICS	MPHY317SE	RESEARCH METHODOLOGY	2020-21	SD: Students gain the Knowledge of What is research, Literature Collection, Components of Research Report/Thesis, Research Report/Thesis –Formatting and Typing (Computing).
283	MASTER OF SCIENCE - PHYSICS	MPHY411DS C	NUCLEAR PHYSICS-II & BIO-PHYSICS	2020-21	SD: students gain the knowledge of nuclear model, elementary particles, separation techniques, biomechanics of body, neurobiophysics. EM: to get employment in nuclear power station & medical instrumentation manufacturing sector
284	MASTER OF SCIENCE - PHYSICS	MPHY412DS C	CLASSICAL MECHANICS-II & ELECTRODYNAMICS-II	2020-21	SD: students gain the knowledge of non linear oscillations and chaos, relativistic electrodynamics, wave guide, radiation,
285	MASTER OF SCIENCE - ZOOLOGY	MZOO101DS C	CELL STRUCTURE AND FUNCTIONS	2021	SD- Explain the role of compartmentalization and signalling in cellular biology; Interpret and explain key experiments in the history of cell biology; Evaluate and apply knowledge of modern techniques in cellular biology.
286	MASTER OF SCIENCE - ZOOLOGY	MZOO102DS C	EVOLUTIONARY BIOLOGY AND BIOIVERSITY	2021	SD- The Evolution and Biodiversity theme deals primarily with the evolutionary processes that generate and maintain (or limit) organismal and genetic diversity, patterns of species biodiversity in time and space, and the biology and evolutionary relationships within the specific organismal groups.
287	MASTER OF SCIENCE - ZOOLOGY	MZOO103DS C	MOLECULAR BIOLOGY AND GENETICS	2021	SD- demonstrate ability to use evolutionary theory and related equations to model and predict population change or stability.
288	MASTER OF SCIENCE - ZOOLOGY	MZOO104DS C	ANIMAL TAXONOMY-1	2021	SD- It motivates us to study plant and animal traits. It denotes the demand for the actual sequence of events. The taxonomy provides an overview of the local fauna and flora, which aids in the identification of endemic species.
289	MASTER OF SCIENCE - ZOOLOGY	MZOO105SE	WILDLIFE BIOLOGY - 1	2021	SD- Build up scientific knowledge on wildlife resources. 2. Carry out research relevant to management including the development of techniques appropriate to Indian conditions.



290	MASTER OF SCIENCE - ZOOLOGY	MZOO201DS C	BIOCHEMISTRY	2021	SD- Be able to frame a scientific question or problem. Be able to undertake investigations and perform analyses that provide information about biochemical questions and help to solve biochemical problems. Be able to demonstrate accurate quantitative analysis and computer literacy.
291	MASTER OF SCIENCE - ZOOLOGY	MZOO202DS C	INSTRUMENTATION AND ANALYTICAL TECHNIQUES	2021	SD- Instrumental analysis investigates the use of scientific instruments to study systems. Typical topics that are included within this area are spectroscopy, nuclear spectroscopy, mass spectrometry, crystallography, electrochemical analysis, thermal analysis, separations, and Microscopy.
292	MASTER OF SCIENCE - ZOOLOGY	MZOO203DS C	BIOSTATISTICS AND RESEARCH METHODOLOGY	2021	SD- Demonstrate the ability to choose methods appropriate to research aims and objectives. Understand the limitations of particular research methods.
293	MASTER OF SCIENCE - ZOOLOGY	MZOO204DS C	ANIMAL TAXONOMY -2	2021	SD- It motivates us to study plant and animal traits. It denotes the demand for the actual sequence of events. The taxonomy provides an overview of the local fauna and flora, which aids in the identification of endemic species.
294	MASTER OF SCIENCE - ZOOLOGY	MZOO206SE	WILDLIFE BIOLOGY - 2	2021	SD- Build up scientific knowledge on wildlife resources. 2. Carry out research relevant to management including the development of techniques appropriate to Indian conditions.
295	MASTER OF SCIENCE - ZOOLOGY	MZOO301DS C	ANIMAL PHYSIOLOGY	2022	SD- learn about the structures and functions that allow animals to adapt and survive in different ecosystems around the world.
296	MASTER OF SCIENCE - ZOOLOGY	MZOO302DS C	IMMUNOLOGY	2022	SD- better understand how the immune system functions. With better understanding, more effective medications, therapies, and scientific techniques can be developed to diagnose and treat immune-mediated diseases.
297	MASTER OF SCIENCE - ZOOLOGY	MZOO303DS C	DEVELOPMENTAL BIOLOGY AND ADAPTATION	2022	SD- This ability to rapidly adapt to varying environmental conditions has made it possible for us to survive in most regions of the world. We live successfully in humid tropical forests, harsh deserts, arctic wastelands, and even densely populated cities with considerable amounts of pollution.



298	MASTER OF SCIENCE - ZOOLOGY	MZOO304DS C	ADVANCE TECHNIQUES IN ZOOLOGY	2022	SD- Zoology SDs include an ability to think critically, or use sound reasoning, to draw conclusions from test results and scientific observations. They also need to find the best solutions to disease, habitat loss and other wildlife threats. They must apply logic to find the strengths and weaknesses in ideas.
299	MASTER OF SCIENCE - ZOOLOGY	MZOO306SE	WILDLIFE BIOLOGY- 3	2022	SD- Build up scientific knowledge on wildlife resources. 2. Carry out research relevant to management including the development of techniques appropriate to Indian conditions.
300	MASTER OF SCIENCE - ZOOLOGY	MZOO401DS C	HISTOLOGY, HISTOCHEMISTRY AND PARASITOLOGY	2022	SD- Often called microscopic anatomy and histochemistry, histology allows for the visualization of tissue structure and characteristic changes the tissue may have undergone. Because of this, it is utilized in medical diagnosis, scientific study, autopsy, and forensic investigation.
301	MASTER OF SCIENCE - ZOOLOGY	MZOO402DS C	ANIMAL BEHAVIOUR	2022	SD- Gain a deeper understanding of animal behaviour. ... Make a positive impact on animal welfare. ... A range of career opportunities. ... Contribute to scientific research
302	MASTER OF SCIENCE - ZOOLOGY	MZOO403DS C	TOXICOLOGY AND ENVIRONMENTAL BIOLOGY	2022	ED-Environmental Toxicology encompasses the study of the toxic properties of virtually all chemicals (both naturally occurring and man-made), including their effects on humans and other species as well as their movement and fate in the environment.
303	MASTER OF SCIENCE - ZOOLOGY	MZOO404DS C	ENTOMOLOGY	2022	SD- Attain a solid foundation in insect biology, including general entomology, basic systematics, morphology, physiology, and biodiversity. 2. Understand evolution and biodiversity generation through macro- and micro-evolutionary processes, including how these processes have formed and diversified insects.
304	MASTER OF SCIENCE - ZOOLOGY	MZOO405SE	WILDLIFE BIOLOGY- 4	2022	SD- Build up scientific knowledge on wildlife resources. 2. Carry out research relevant to management including the development of techniques appropriate to Indian conditions.
305	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC101UDS C	INTRODUCTION TO MICROBIAL WORLD	2018-19	SD: Demonstrate theory in microscopy and their handling techniques and staining procedure. Know Various characteristics of microorganisms and also understand various physical and chemical means of sterilization.



306	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC101USE	APPLICATION OF MICROBIOLOGY	2018-19	SD: Students will gain knowledge about application of microbiology in medicines, dairy and food industries, agriculture, Pharmaceutical industries. Students will gain knowledge about Recombinant DNA, Vector, Plasmids, Fermentative production of Penicillin, Amylase, Bioremediation.
307	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC201UDS C	SYSTEMATIC BACTERIOLOGY	2018-19	SD: Students will gain knowledge about bacterial cell size, shape, arrangement, detail structure of flagella, pili, cell wall, cell membrane. Students will gain knowledge about sexual and asexual bacterial reproduction, Bacterial Growth curve, Different type of culture media.
308	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC201USE	HISTORY OF MICROBIOLOGY	2018-19	SD: Student will gain knowledge about spontaneous generation, pasteurization, Vaccination, Lytic and lysogenic cycle of virus. Students will gain knowledge about Germ theory of disease, pure culture technique, Penicillin.
309	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC301UDS C	MICROBIAL PHYSIOLOGY AND METABOLISM	2019-20	SD: Students will study about role of microorganisms in soil, role of microorganisms in sulphur cycle, iron cycle, phosphorus cycle, nitrogen cycle. Students will also learn about Quantitative & Qualitative analysis of drinking water, filtration, sedimentation, Primary and secondary waste water treatment procedure.
310	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC302UDS C	SOIL AND WATER MICROBIOLOGY	2019-20	SD: Students will study about role of microorganisms in soil, role of microorganisms in sulphur cycle, iron cycle, phosphorus cycle, nitrogen cycle. Students will also learn about Quantitative & Qualitative analysis of drinking water, filtration, sedimentation, Primary and secondary waste water treatment procedure.
311	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC301USE	MICROBIAL ANALYSIS OF AIR AND WATER	2019-20	SD: Demonstrate theory in Laboratory for SPC, MPN, Membrane filter technique. Students will gain knowledge about air born microorganisms impact on human health, its importance in pharma and food industries and inactivation mechanisms (UV light, desiccation etc), water born diseases.
312	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC401UDS C	MICROBIAL BIODIVERSITY	2019-20	SD: Students will gain knowledge of evolution and origin of biodiversity, Biochemical, Molecular, Genomic and metabolic cultural methods, Evolutionary tree. Students will Study Physiological, metabolic, Morphological, Cellular and ecological diversity, Lichens.



313	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC402UDS C	FOOD AND DAIRY MICROBIOLOGY	2019-20	SD: Students will learn about microbial flora of food , Major food born disease, Pasteurization, Students will gain knowledge about Staphylococcus aureus food poisoning, Botulism, Biochemical changes in food by microbes, Role of microbes in kefir , kumiss, pickles, importance of probiotics. Bacteriological analysis of food by CFU and MPN.
314	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC401USE	FOOD FERMENTATION TECHNIQUES	2019-20	SD: Students will gain knowledge about respiratory diseases, urinary tract infection, GI tract, nervous system diseases, Types of diseases, its route and outbreaks of diseases. Know Various infectious and non infectious diseases , prevention of disease causing agents transmitted by various foods, insects and direct contacts.
315	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC501DSC	MOLECULAR BIOLOGY	2020-21	EM: Will gain knowledge about Genetic engineering techniques and transgenic plants and animals. SD: Students will gain knowledge about basics of DNA replication, Transcription and Translation process and Role of various enzymes involved in Molecular biology techniques.
316	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC502DSC	IMMUNOLOGY	2020-21	SD: Students will learn relationship about antigen and antibody and Students will gain knowledge about innate and adaptive immunity, Immunological Techniques.
317	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC503DSC	CLASSICAL GENETICS	2020-21	SD: Students will gain knowledge about basics of gene, genome, Chromosomes and its types, centromere, sex determination in drosophila, Mitosis, meiosis, types of crossing over, tetrad analysis. Students will learn relationship between genes and traits, various fields, law of dominance, independent inheritance, monohybrid and dihybrid cross, law of segregation, Probability, chi-square analysis.
318	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC504DSC	GENE TRANSFER TECHNIQUES	2020-21	SD: Students will learn Molecular mechanisms of transformation, Types of transduction, specialized transducing particle formation from lysogen, Hfr transfer, Rec A protein and its function. Students will gain knowledge about principle of recombination and its types, and their molecular mechanisms, in vitro plasmid transfer and plasmid replication, Various plasmids and its properties.



319	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC501SE	HEMATOLOGY AND BLOOD BANKING	2020-21	SD: Students will gain knowledge about Plasma and serum, Red blood cells, White blood cells & platelets and also learn about Blood transfusion and Transfusion reactions, Erythroblastosis Foetalis and Major and minor cross matching.
320	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC601DSC	MEDICAL MICROBIOLOGY	2020-21	SD: Students will learn about Immunization, vaccine, adjuvant, serum, antiserum, anamnesis, toxoids, Recognition of Epidemic, antigenic shift and drift, Herd Immunity. Students will gain knowledge about Pathology, Infection, intoxication and disease, symptoms, sign, syndrome, prophylaxis Normal flora of skin, oral cavity, Gastrointestinal tract, and other body region.
321	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC602DSC	RECOMBINANT DNA TECHNOLOGY	2020-21	SD: Students will learn about methods of gene transfer such as Physical (Electroporation, Gene gun- particle bombardment, Microinjection- divert transformation, transformation by ultra sonication -liposome mediated- gene transfer)
322	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC603DSC	INDUSTRIAL MICROBIOLOGY	2020-21	SD: Students will gain knowledge about Concept of Fermentation (definition and applications), Range of fermentation processes & component parts of fermentation process and also learn about Chromatography, Membrane processes and ultra-filtration Drying & Crystallization Quality Assurance-Bioassay.
323	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC604DSC	BIOPROCESS TECHNOLOGY	2020-21	SD: Students will learn about SCP, Yeast and fermentation economics in industry and also gain information about Biosensors and microorganisms involved in Biofertilizer and Bioinsecticides. Students also know about Microbial enhanced oil recovery (MEOR).
324	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC601SE	INSTRUMENTATION AND BIOTECHNIQUES	2020-21	SD: Students will gain knowledge about Chromatography, paper chromatography, Thin layer chromatography, column packing and filtration collection, Gel filtration chromatography, ion exchange chromatography and affinity chromatography GLC, HPLC, Spectrophotometry and centrifugation, Electrophoresis and SDS-PAGE, 2D gel electrophoresis, Isoelectric focusing, agarose gel electrophoresis.
325	BACHELOR OF SCIENCE - MICROBIOLOGY	BMIC602SE	ENVIRONMENTAL SCIENCE	2020-21	SD: Students will gain knowledge about Environmental Science, Community, Genecology-Concept of species, Ecotype, Niche, and Conservation-Introduction, Endangered species (IUCN categories), Forest research work in India, Wild life sanctuaries in India.



326	BACHELOR OF SCIENCE - BOTANY	BBOT101UD SC	MICROBIOLOGY AND PHYCOLOGY	2018-19	SD: To learn the basic concept about Viruse and Bacteria and conduct experiment using SDs appropriate to subdivisons
327	BACHELOR OF SCIENCE - BOTANY	BBOT101USE	HORTICULTURE	2021-22	EM: Understand about nursery management and use of technology in horticulture,Develop their competency on pre and post-harvest technology in horticulture crops
328	BACHELOR OF SCIENCE - BOTANY	BBOT201UD SC	BIOMOLECULES AND CELL BIOLOGY	2021-22	SD: The student Develop understanding on chemical bonding among molecules. Identify the concept that explains chemical composition and structure of cell organelles.
329	BACHELOR OF SCIENCE - BOTANY	BBOT201USE	NATURAL RESOURCE MANAGEMENT	2021-22	SD: Understand the concept of different natural resources and their utilization. Critically analyze the sustainable utilization land, water, forest and energy resources.
330	BACHELOR OF SCIENCE - BOTANY	BBOT301UD SC	MYCOLOGY AND PHYTOPATHOLOGY	2022-23	SD: Demonstrate SDs in laboratory, field and glasshouse work related to Develop an understanding of microbes, fungi and lichens and appreciate their adaptive strategies mycology and plant pathology.
331	BACHELOR OF SCIENCE - BOTANY	BBOT302UD SC	ARCHEGONIAE	2022-23	SD:The student understands, Demonstrate an understanding of archegoniate, Bryophytes, Pteridophytes and Gymnosperms.Understanding of plant evolution and their transition to land habitat.Demonstrate proficiency in the experimental techniques and methods of appropriate analysis of Bryophytes, Pteridophytes, Gymnosperms
332	BACHELOR OF SCIENCE - BOTANY	BBOT301USE	PLANT DIVERSITY AND HUMAN WELFARE	2022-23	SD: Identify the causes and implications of loss of biodiversity. EM: Apply SDs to manage plant biodiversity.
333	BACHELOR OF SCIENCE - BOTANY	BBOT401UD SC	ANATOMY OF ANGIOSPERMS	2022-23	SD: Examine the internal anatomy of plant systems and organs.Develop critical understanding on the evolution of concept of organization of shoot and root apex.
334	BACHELOR OF SCIENCE - BOTANY	BBOT402UD SC	ECONOMIC BOTANY	2022-23	SD: Understand core concepts of Economic Botany and relate with environment, populations, communities, and ecosystems.
335	BACHELOR OF SCIENCE - BOTANY	BBOT401USE	PLANT BREEDING	2022-23	EM: Reflect upon the role of various non-conventional methods used in crop improvement. SD:Familiarize with genetic basis of heterosis.
336	BACHELOR OF SCIENCE - BOTANY	BBOT501DSC	ALGAE, FUNGI AND PLANT PATHOLOGY	2020-21	SD: Identify true fungi and demonstrate the principles and application of plant pathology in the control of plant disease.Demonstrate SDs in laboratory, field and glasshouse work related to mycology and plant pathology.



337	BACHELOR OF SCIENCE - BOTANY	BBOT502DSC	BRYOPHYTA, PTERIDOPHYTES AND GYMNOSPERMS	2020-21	SD: The student understands, Demonstrate an understanding of archegoniate, Bryophytes, Pteridophytes and Gymnosperms. Understanding of plant evolution and their transition to land habitat.
338	BACHELOR OF SCIENCE - BOTANY	BBOT503DSC	ANGIOSPERM FAMILIES, PLANT ECOLOGY AND PLANT ANATOMY	2020-21	SD: The student understands the concept of important results on understand core concepts of biotic and abiotic. Classify the soils on the basis of physical, chemical and biological components Assess the adaptation of plants in relation to light, temperature, water, wind and fire.
339	BACHELOR OF SCIENCE - BOTANY	BBOT504DSC	CELL BIOLOGY & GENETICS, MICROBIOLOGY AND BIOSTATISTICS	2020-21	SD: Develop understanding on the concept of microbial nutrition. Increase the awareness and appreciation of human friendly viruses and bacteria their economic importance.
340	BACHELOR OF SCIENCE - BOTANY	BBOT501SE	AIR POLLUTION	2020-21	SD: The student understands the concept of Understand the fundamental issues of environment Analyze different sources of environmental problems and methods of measurement of pollution. Examine economic growth and quality of life.
341	BACHELOR OF SCIENCE - BOTANY	BBOT501DSC	MOLECULAR BIOLOGY, PLANT PATHOLOGY & LICHENS AND ANGIOSPERM FAMILIES	2020-21	SD: The student understands the concept of Identify the principles and application of plant pathology in the control of plant disease, differentiate the main types of prokaryotes through their grouping abilities and their characteristic.
342	BACHELOR OF SCIENCE - BOTANY	BBOT502DSC	BIOCHEMISTRY AND PLANT PHYSIOLOGY	2020-21	SD: To discuss important results on Lipid, Vitamins, Enzymes, Translocation of Food in Plants, Path of Carbon in Photosynthesis, Respiration, Respiration, Seed Dormancy and Physiological role of Phytohormones.
343	BACHELOR OF SCIENCE - BOTANY	BBOT503DSC	ECONOMIC BOTANY, PLANT TISSUE CULTURE & BIOTECHNOLOGY AND GENETICS & PLANT ECOLOGY	2020-21	SD: The student understands the concept of Understand the core concepts and fundamentals of plant biotechnology and genetic engineering. Develop their competency on different types of plant tissue culture. EM: In Plant tissue culture laboratory.
344	BACHELOR OF SCIENCE - BOTANY	BBOT504DSC	PLANT ANATOMY AND PLANT BREEDING	2020-21	SD: 2. Examine the internal anatomy of plant systems and organs. Develop critical understanding on the evolution of concept of organization of shoot and root apex. Analyze the composition of different parts of plants and their relationships. Evaluate the adaptive and protective systems of plants.
345	BACHELOR OF SCIENCE - BOTANY	BBOT501SE	FRESH WATER ECOLOGY	2020-21	SD: 1. The student understands the concept of Reflect upon the values and uses of aquatic plans Develop their understanding on commonly occurring marine and limnetic planktons of Indian coasts along



					with the current understanding of its biology. EM: AS a Plant ecologist.
346	BACHELOR OF SCIENCE - MATHEMATICS	BMAT101UD SC	DIFFERENTIAL CALCULUS	2018-19	SD: Construct mathematical expressions and graphs involving functions and their derivatives.
347	BACHELOR OF SCIENCE - MATHEMATICS	BMAT101US E	BUSINESS MATHEMATICS-I	2018-19	EN: Apply mathematical SDs to business applications and banking situations.
348	BACHELOR OF SCIENCE - MATHEMATICS	BMAT201UD SC	INTEGRAL CALCULUS &DIFFERENTIAL EQUATION	2018-19	SD: Analyze functions using limits, derivative, and integrals.
349	BACHELOR OF SCIENCE - MATHEMATICS	BMAT201US E	BUSINESS MATHEMATICS-II	2018-19	EN: Educate the learners on how to integrate mathematical models in business.
350	BACHELOR OF SCIENCE - MATHEMATICS	BMAT301UD SC	LINEAR ALGEBRA AND CALCULUS	2019-20	SD: Construct mathematical expressions and graphs involving functions and their derivatives.
351	BACHELOR OF SCIENCE - MATHEMATICS	BMAT302UD SC	NUMERICAL ANALYSIS	2019-20	SD: An introduction to a broad range of numerical methods for solving mathematical problems that arise in Science and Engineering.
352	BACHELOR OF SCIENCE - MATHEMATICS	BMAT301US E	BUSINESS MATHEMATICS-III	2019-20	EN: Reconcile and analyze various banking statements and services.
353	BACHELOR OF SCIENCE - MATHEMATICS	BMAT401UD SC	ADVANCED CALCULUS	2019-20	SD: To provide the student with the SDs of vector calculus operations which are needed for further study in mathematics.
354	BACHELOR OF SCIENCE - MATHEMATICS	BMAT402UD SC	ADVANCED LINEAR ALGEBRA	2019-20	EN: Approximate a function using an appropriate numerical method.
355	BACHELOR OF SCIENCE - MATHEMATICS	BMAT401US E	BUSINESS MATHEMATICS-IV	2019-20	EN: Analyzing data appropriate to the problem.
356	BACHELOR OF SCIENCE - MATHEMATICS	BMAT501DS C	GROUP THEORY-I	2020-21	EN: It was understand the solutions to polynomial equation.
357	BACHELOR OF SCIENCE - MATHEMATICS	BMAT502DS C	MATHEMATICAL ANALYSIS-I	2020-21	SD: To discuss important results on number system.
358	BACHELOR OF SCIENCE - MATHEMATICS	BMAT503DS C	DIFFERENTIAL EQUATION	2020-21	SD: To discuss importance of differential equation.
359	BACHELOR OF SCIENCE - MATHEMATICS	BMAT504DS C	OPERATION RESEARCH-I	2020-21	SD: To discuss about linear programming problrm, and method of solution for LPP, duality theory and integer programming.
360	BACHELOR OF SCIENCE - MATHEMATICS	BMAT501SE	BUSINESS MATHEMATICS-V	2020-21	SD: To discuss about basic concept of mathematics.
361	BACHELOR OF SCIENCE - MATHEMATICS	BMAT601DS C	RING THEORY	2020-21	EN: It was understand the solutions to polynomial equation.
362	BACHELOR OF SCIENCE - MATHEMATICS	BMAT602DS C	MATHEMATICAL ANALYSIS-II	2020-21	EN: Use technology appropriately to investigate and solve mathematical and statistical problems.
363	BACHELOR OF SCIENCE - MATHEMATICS	BMAT603DS C	TOPOLOGY	2020-21	SD: Topology has been used to study various biological systems including molecules and nanostructure.



364	BACHELOR OF SCIENCE - MATHEMATICS	BMAT604DS C	OPERATION RESEARCH-II	2020-21	SD: To discuss about Transportatiton problem and method of solution for T.P., Sequencing problem and Game theory.
365	BACHELOR OF SCIENCE - MATHEMATICS	BMAT601SE	BUSINESS MATHEMATICS-VII	2020-21	SD: To discuss correlation and regression analysis.
366	BACHELOR OF SCIENCE - CHEMISTRY	BCHE101UDS C	INORGANIC, ORGANIC, PHYSICAL & VOLUMETRIC	2018	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
367	BACHELOR OF SCIENCE - CHEMISTRY	BCHE101USE	AGRICULTURAL CHEMISTRY	2018	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
368	BACHELOR OF SCIENCE - CHEMISTRY	BCHE201UDS C	INORGANIC, ORGANIC, PHYSICAL CHEMISTRY	2018	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
369	BACHELOR OF SCIENCE - CHEMISTRY	BCHE201USE	SUBJECT ELECTIVE:MEDICINAL CHEMISTRY	2018	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
370	BACHELOR OF SCIENCE - CHEMISTRY	BCHE301UDS C	INORGANIC AND ORGANIC CHEMISTRY	2019	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
371	BACHELOR OF SCIENCE - CHEMISTRY	BCHE302UDS C	PHYSICAL CHEMISTRY	2019	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
372	BACHELOR OF SCIENCE - CHEMISTRY	BCHE301USE	ENVIRONMENTAL POLLUTION	2019	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
373	BACHELOR OF SCIENCE - CHEMISTRY	BCHE401UDS C	INORGANIC AND ORGANIC CHEMISTRY	2019	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
374	BACHELOR OF SCIENCE - CHEMISTRY	BCHE402UDS C	PHYSICAL CHEMISTRY AND SPECTROSCOPY	2019	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
375	BACHELOR OF SCIENCE - CHEMISTRY	BCHE401USE	GREEN CHEMISTRY	2019	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates



376	BACHELOR OF SCIENCE - CHEMISTRY	BCHE501UDS C	INORGANIC CHEMISTRY	2021	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
377	BACHELOR OF SCIENCE - CHEMISTRY	BCHE502DSC	ORGANIC CHEMISTRY	2021	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
378	BACHELOR OF SCIENCE - CHEMISTRY	BCHE503DSC	PHYSICAL CHEMISTRY	2021	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
379	BACHELOR OF SCIENCE - CHEMISTRY	BCHE504DSC	ANALYTICAL CHEMISTRY	2021	SD- Develop basic communication SDs through working in groups in performing the laboratory experiments and by interpreting the results
380	BACHELOR OF SCIENCE - CHEMISTRY	BCHE501SE	SYNTHETIC DYES/ PHARMACEUTICAL CHEMISTRY	2021	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
381	BACHELOR OF SCIENCE - CHEMISTRY	BCHE601UDS C	INORGANIC CHEMISTRY	2021	EM-The student will be able to relate different kind of chemical bonding and structure of various chemicals. They will be able to explain various bonding of a various groups.
382	BACHELOR OF SCIENCE - CHEMISTRY	BCHE602DSC	ORGANIC CHEMISTRY	2021	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
383	BACHELOR OF SCIENCE - CHEMISTRY	BCHE603DSC	PHYSICAL CHEMISTRY	2021	EM-Student after learning this course can seek employment in areas of Agriculture, farms, Educational Institutes etc as Junior Scientist, Assistant Professor, Content Developer, and Researcher etc
384	BACHELOR OF SCIENCE - CHEMISTRY	BCHE604DSC	ANALYTICAL CHEMISTRY	2021	SD- Develop basic communication SDs through working in groups in performing the laboratory experiments and by interpreting the results
385	BACHELOR OF SCIENCE - CHEMISTRY	BCHE601SE	POLYMER CHEMISTRY/ FOOD ADDITIVES	2021	EN-This course opens a wide range of job opportunities such as in research, development, or production in the chemical process industries or to undertake research or teaching certificates
386	BACHELOR OF SCIENCE - PHYSICS	BPHY101UDS C	MECHANICS AND BASIC ELECTRONICS(MAE)	2018-19	SD: Students Will gain the Knowledge of the fundamentals of electronics and major functioning of electronic devices can assist a mechanical engineer to better communicate with electrical and electronics



387	BACHELOR OF SCIENCE - PHYSICS	BPHY101USE	INSTRUMENTATION MEASUREMENT AND ANALYSIS	2018-19	SD: Students will gain the Knowledge of the fundamentals of instrumentation measurement & analysis of some devices can assist an instruments to better communicate and measurement of these systems
388	BACHELOR OF SCIENCE - PHYSICS	BPHY201UDS C	WAVE, OPTICS, ELECTRONICS & SEMICONDUCTOR DEVICE(WOES)	2018-19	SD: Students will learn the concepts of light and its wave optics will help in the all-round development of students Knowledge of the Sound & Ultrasonic Waves and Thermodynamics
389	BACHELOR OF SCIENCE - PHYSICS	BPHY201USE	ELECTRONIC CIRCUIT ELEMENTS AND ENERGY SOURCES	2018-19	SD: Students gain the Knowledge of the fundamentals of instrumentation measurement & analysis of some devices
390	BACHELOR OF SCIENCE - PHYSICS	BPHY301UDS C	OPTICS,MODERN PHYSICS & LASER(OMPL)	2019-20	SD: Students gain the Knowledge of the fundamentals of Optics and Modern Physics functioning of Optical devices can assist a every human being to better communicate with optical instrument EM: modern physical phenomena's collaborating for the design/manufacturing of these systems.
391	BACHELOR OF SCIENCE - PHYSICS	BPHY302UDS C	SOLID STATE,NUCLEAR & MATHEMATICAL PHYSICS(SSNM)	2019-20	SD: Student gain the knowledge of Clear concepts of atomic cohesion and crystal binding, atomic spectra, elementary particles, detectors, radioactivity, Q-Equation, Fourier series and co-Ordinator transformation can assist to better communicate for the understand about atom binding, its structure, different types of element, and its transformation methods to understand it. EM: To get employment in nuclear power station
392	BACHELOR OF SCIENCE - PHYSICS	BPHY301USE	SPACE PHYSICS	2019-20	SD: Students gain the Knowledge of the fundamentals of Sun and solar radiation, cosmic rays and high energy astrophysics. EM : To get employment in a space agencies like isro,barc etc..
393	BACHELOR OF SCIENCE - PHYSICS	BPHY401UDS C	ELECTROMAGNETISM,ELECTRONIC S & PLASMA PHYSICS (EMEP)	2019-20	SD: Students will gain the Knowledge of the fundamentals of electronics and major functioning of electronic devices can assist a mechanical engineer to better communicate with electrical and electronics engineers



394	BACHELOR OF SCIENCE - PHYSICS	BPHY402UDS C	QUANTUM MECHANICS, SOLID STATE & THERMODYNAMICS(QMSST)	2019-20	SD: Students will learn about Schrodinger Equations, The operator correspondence and the Schrodinger equation for a particle subject to forces , Normalization and Probability Interpretation, Non-Normalizable Wave functions and Box Normalization, Conservation of Probability, Crystal Structure, Some importance crystal structure, Face Centered Cubic Structure, Wigner-Seitz Cells, Miller Indices , Newtonian Relativity, Relativity of Simultaneity, Heat and Thermodynamics, The Helmholtz and Gibb's function, Maxwell's Distribution Law of Velocities.
395	BACHELOR OF SCIENCE - PHYSICS	BPHY401USE	VACUUM PUMPS, PRESSURE GUAGES AND INSTRUMENTS	2019-20	SD: Students gain the Knowledge of the different types of Exhaust Pumps and their characteristics, Types of errors, Errors of observations, and Optical Instruments.
396	BACHELOR OF SCIENCE - PHYSICS	BPHY501DSC	MATHEMATICAL PHYSICS, CLASSICAL MECHANICS & QUANTUM MECHANICS(MCQM- 01)	2020-21	SD: Students will gain the Knowledge of the fundamentals of Mathematical physics, Classical mechanics and Quantum mechanics by its use he/she can solve out the complex problem of physics agenda.
397	BACHELOR OF SCIENCE - PHYSICS	BPHY502DSC	MOLECULAR SPECTRA, STATISTICAL MECHANICS & SOLID STATE PHYSICS(MSSP)	2020-21	SD: Students will gain the Knowledge of the fundamentals of Pure Rotational and Vibrational - Rotational Spectra, Raman and Electronic Spectra, Some Application of Statistical Mechanics, Bose Einstein and Fermi Dirac Distributions, Free Electron Theory of Metal, Application to Plasmons, Polaritons and Polarons
398	BACHELOR OF SCIENCE - PHYSICS	BPHY503DSC	ELECTROMAGNETISM AND PLASMA PHYSICS(EMPP)	2020-21	SD: Students will gain the Knowledge of the Boundary Value Problems in Electrostatic Fields :Special Techniques, Electromagnetic Induction, Electromagnetic Waves, Characteristics of a Plasma in a Magnetic field, Applications of Plasma
399	BACHELOR OF SCIENCE - PHYSICS	BPHY504DSC	ELECTRONICS	2020-21	SD: Students will gain the Knowledge of the basic knowledge of network transformation. Must have some basic knowledge about basic Karnaugh map, amplifiers, and transistor oscillator
400	BACHELOR OF SCIENCE - PHYSICS	BPHY501SE	INSTRUMENTS	2020-21	SD: Students gain knowledge about how to operate and take measurement by C.R.O., Babinet compensator, etc. EM: TO get employment in sector of instrument measurement
401	BACHELOR OF SCIENCE - PHYSICS	BPHY601DSC	MATHEMATICAL PHYSICS, CLASSICAL MECHANICS & QUANTUM MECHANICS(MCQM- 02)	2020-21	SD: Students gain the Knowledge of the fundamentals of Mathematical physics, Classical mechanics and Quantum mechanics by its use he/she can solve out the complex problem of physics agenda with further more tequnics.



402	BACHELOR OF SCIENCE - PHYSICS	BPHY602DSC	NUCLEAR PHYSICS(NP)	2020-21	SD: Students gain the knowledge of Alpha Rays: Spectra and Decay, Beta Rays: Spectra and Decay, Gamma-Ray Emission , The liquid drop model of the nucleus, Nuclear Energy, Elementary Particles, EM: To get employment in nuclear power station
403	BACHELOR OF SCIENCE - PHYSICS	BPHY603DSC	STATISTICAL MECHANICS, SOLID STATE PHYSICS & OPTICS(SSPO)	2020-21	SD: Students are aware with that the Solid-state physics is the most important branch of condensed matter physics. It helps to investigate how the large-scale properties of solid materials result from their atomic-scale properties. Thus, physics forms a theoretical basis of materials science. EM: To get employment in optics sector
404	BACHELOR OF SCIENCE - PHYSICS	BPHY604DSC	ELECTRONICS & C-PROGRAMMING	2020-21	SD: Students will gain the Knowledge of the fundamentals of Modulation, Regulated DC Power supply, C Language and some Photo electric Devices. They get knowledge of the basic Constants, Variables, Data Types, Operators, and Expressions. Learn the Photo electric devices and Thyristors. EM : To get employment in sector of programming and robotics
405	BACHELOR OF SCIENCE - PHYSICS	BPHY602SE	ATMOSPHERIC SCIENCE	2020-21	SD: Students gain the Knowledge of the fundamentals of different kind atmospheric layers, and aerosols.
406	BACHELOR OF SCIENCE - ZOOLOGY	BZOO101UD SC	NON-CHORDATES I: PROTISTA TO PSEUDOCOELOMATES	2021	SD- To Understand the structure and fucation Porifera, Coelenterata, Ctenophora, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata and Hemichordata
407	BACHELOR OF SCIENCE - ZOOLOGY	BZOO101USE	WETLAND ECOLOGY	2021	SD- Wetlands play an integral role in the ecology of the watershed. The combination of shallow water, high levels of nutrients and primary productivity is ideal for the development of organisms that form the base of the food web and feed many species of fish, amphibians, shellfish and insects.
408	BACHELOR OF SCIENCE - ZOOLOGY	BZOO201UD SC	NON-CHORDATES II: COELOMATES	2021	SD- To Understand the structure and fucation Porifera, Coelenterata, Ctenophora, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata and Hemichordata
409	BACHELOR OF SCIENCE - ZOOLOGY	BZOO201USE	ENVIRONMENTAL POLLUTION AND CLIMATE CHANGE	2021	ED- To know about Environmental pollution & climate change
410	BACHELOR OF SCIENCE - ZOOLOGY	BZOO301UD SC	PRINCIPLES OF ECOLOGY	2022	SD- To develop knowledge of ecology. To develop knowledge about type of interactions between organisms To develop basic understanding of aquatic ecosystems.



411	BACHELOR OF SCIENCE - ZOOLOGY	BZOO302UD SC	CHORDATES- I	2022	SD- To understand the grades of general body organization general characteristics of phylum protozoa. To understand the general characteristics of phylum porifera To understand the general characteristics of phylum Platyhelminthes To understand the infestation, symptoms and treatment of diseases caused by protozoans.
412	BACHELOR OF SCIENCE - ZOOLOGY	BZOO302USE	POULTRY SCIENCE	2022	SD- To develop basic understanding of poultry science. To develop knowledge about the disease of poultry and poultry farming in India and Gujarat.
413	BACHELOR OF SCIENCE - ZOOLOGY	BZOO401UD SC	COMPARATIVE ANATOMY OF VERTEBRATES	2022	SD- To develop basic understanding of vertebrate morphology. To develop knowledge of comparative account of skeletal system in vertebrates. To develop knowledge of comparative account of heart in vertebrates.
414	BACHELOR OF SCIENCE - ZOOLOGY	BZOO402UD SC	CHORDATES II	2022	SD- To develop basic knowledge of characteristics and classification of phylum Mollusca. To develop basic knowledge of characteristics and classification of phylum Annelida. To develop basic knowledge of characteristics and classification of phylum Arthropoda.
415	BACHELOR OF SCIENCE - ZOOLOGY	BZOO401USE	LIMNOLOGY	2022	SD- To develop knowledge about limnology. 2. To develop knowledge about different characteristics of freshwater ecosystem.
416	BACHELOR OF SCIENCE - ZOOLOGY	BZOO501UD SC	CELL AND MOLECULAR BIOLOGY	2023	SD- To understand the structures and functions of basic components of prokaryotic and eukaryotic cell. To develop knowledge of the organization of nucleus.
417	BACHELOR OF SCIENCE - ZOOLOGY	BZOO502UD SC	DEVELOPMENTAL BIOLOGY	2023	SD- To develop knowledge about early developmental stages in animals. To develop knowledge about later developmental stages in animals.
418	BACHELOR OF SCIENCE - ZOOLOGY	BZOO503UD SC	BIOSTATISTICS, TOOLS AND TECHNIQUES IN ZOOLOGY	2023	SD- To develop knowledge about light microscopy. To develop basic understanding of laboratory practice and common lab instruments.
419	BACHELOR OF SCIENCE - ZOOLOGY	BZOO504UD SC	BIODIVERSITY AND CONSERVATION BIOLOGY	2023	SD- To develop knowledge of biodiversity hotspots and protected areas. To develop knowledge about conservation strategies for wildlife of India.
420	BACHELOR OF SCIENCE - ZOOLOGY	BZOO501USE	FISHERY SCIENCE	2023	SD- To ensure conservation of fishes and their environment.



					To develop and execute fisheries development plan.
421	BACHELOR OF SCIENCE - ZOOLOGY	BZOO601UD SC	BIOCHEMISTRY	2023	SD- To develop basic knowledge of bonding between Atoms, Elements and Molecules. To develop basic knowledge of carbohydrates and Lipids. To develop basic knowledge of proteins.
422	BACHELOR OF SCIENCE - ZOOLOGY	BZOO602UD SC	GENETICS	2023	SD- To develop basic understanding of structure, organization and types of chromosome. To develop knowledge of human genetics.
423	BACHELOR OF SCIENCE - ZOOLOGY	BZOO603UD SC	ANIMAL BEHAVIOUR AND EVOLUTION	2023	SD- To develop basic knowledge of animal communication. To develop basic knowledge of evolution.
424	BACHELOR OF SCIENCE - ZOOLOGY	BZOO604UD SC	ECONOMIC ZOOLOGY & TOXICOLOGY	2023	SD- To develop basic knowledge of economic communication. To develop basic knowledge of toxicology.
425	BACHELOR OF SCIENCE - ZOOLOGY	BZOO603USE	WILDLIFE BIOLOGY	2023	SD- Build up scientific knowledge on wildlife resources. 2. Carry out research relevant to management including the development of techniques appropriate to Indian conditions.
426	BCOM	FCB210101	MICRO ECONOMICS	2018-2019	EM: Utilize micro economic concepts and techniques to take business decisions.
427	BCOM	FCB210104	BUSINESS COMMUNICATION - I	2018-2019	SD: Students will enhance their communication SDs in english in bussiness context.
428	BCOM	FCB210105	FINANCIAL ACCOUNTING - I	2018-2019	EM: Preparation and use of financial statement of different types of organisations.
429	BCOM	FCB210106	COMPUTER APPLICATION - I	2018-2019	SD: Competence in msoffice and other software.
430	BCOM	FCB220101	MACRO ECONOMICS	2018-2019	EM: Apply macroeconomic perspective to solve business issues and take appropriate policy decision.
431	BCOM	FCB220102	BUSINESS ENVIRONMENT	2018-2019	EM: Analyse business environment and take appropriate decision.
432	BCOM	FCB220104	BUSINESS COMMUNICATION - II	2018-2019	SD: Students will enhance their communication SDs in english in bussiness context.
433	BCOM	FCB220105	FINANCIAL ACCOUNTING - II	2018-2019	EM: Preparation and use of financial statement of different types of organisations.
434	BCOM	FCB220106	COMPUTER APPLICATION - II	2018-2019	SD: Competence in msoffice and other software.
435	BCOM	FCB230101	MANAGERIAL ECONOMICS	2018-2019	EM: Analysis of demand, supply, production,market; Application of different economic paradigms using Microeconomics concepts.
436	BCOM	FCB230102	HUMAN RESOURCE MANAGEMENT	2018-2019	EM: Interpretation complex marketing issues facing by a variety of enterprises.



437	BCOM	FCB230103	TAXATION - I	2018-2019	EM: Can handle computation of heads of income and taxable income, TDS, advance tax etc.
438	BCOM	FCB230104	COST ACCOUNTING – I	2018-2019	EM: Preparation of cost sheet and analysis of financial statements.
439	BCOM	FCB230105	COMMERCIAL COMMUNICATION	2018-2019	SD: Competence in oral, written, and visual communication: EM, Use current technology Practicals.
440	BCOM	FCB240101	INDIAN ECONOMICS	2018-2019	SD: To provide students with a basic understanding of the economic principles, methodologies and analytical tools that can be used in business decision making problems.
441	BCOM	FCB240103	TAXATION - II	2018-2019	EM: Can handle computation of heads of income and taxable income, TDS, advance tax etc.
442	BCOM	FCB240104	COST ACCOUNTING – II	2018-2019	EM: Preparation of cost sheet and analysis of financial statements.
443	BCOM	FCB240105	ORGANIZATIONAL COMMUNICATION	2018-2019	SD: Competence in oral, written, and visual communication: EM, Use current technology Practicals.
444	BCOM	FCB240106	PRODUCTION MANAGEMENT	2018-2019	EM: Developing aggregate capacity plans and MPS in operation environments.
445	BCOM	FCB250101	STATISTICS	2018-2019	EM: Use statistical tools for managerial decisionmaking.
446	BCOM	FCB250103	COST & FINANCIAL ACCOUNTING	2018-2019	EM: Preparation of cost sheet and analysis of financial statements.
447	BCOM	FCB250105	PORTFOLIO MANAGEMENT	2018-2019	EM: Use methods of valuations of financial instruments and evaluation of risk as well as return of an individual security and portfolio.
448	BCOM	FCB250106	MONEY FINANCIAL SYSTEM & INDIAN ECONOMY - I	2018-2019	EM: Understand the financial system, How financial systems woks and different sources of raising fund.
449	BCOM	FCB260105	MONEY FINANCIAL SYSTEM & INDIAN ECONOMY - II	2018-2019	EM: Understand the financial system, How financial systems woks and different sources of raising fund.
450	BCOM	FCB260106	MANAGEMENT OF ORGANIZED MARKET	2018-2019	EM: Use techniques for raising funds from capital market and from different sources.
451	MCOM	FCM210102	BUSINESS ENVIRONMENT & POLICY	2018-2019	EM: Equipping students with a profound understanding of the dynamic business environment and the formulation of strategic policies for organizational success.
452	MCOM	FCM210103	FINANCIAL MANAGEMENT	2018-2019	EM: Enhancing financial decision-making proficiency for optimal resource allocation and organizational sustainability.
453	MCOM	FCM220101	MARKETING MANAGEMENT	2018-2019	EM: Equips students with the SDs to strategically plan, implement, and analyze marketing initiatives for organizational success
454	MCOM	FCM220103	COST ACCOUNTING	2018-2019	SD: Developing proficiency in cost accounting to facilitate informed financial decision-making and optimize resource allocation in business.



455	MCOM	FCM220104	TAX PLANNING & MANAGEMENT	2018-2019	EM: Develop proficiency in strategic tax planning and management to optimize financial outcomes for individuals and businesses.
456	MCOM	FCM 230101	BUSINESS RESEARCH & METHODS	2018-2019	SD: To enable students to proficiently design, conduct, and analyze business research, fostering evidence-based decision-making in the corporate landscape.
457	MCOM	FCM 230105	SECURITY ANALYSIS & PORTFOLIO MANAGEMENT	2018-2019	EM: Enhances the ability to analyze securities and construct portfolios for optimal investment returns and risk management
458	MCOM	FCM 240101	MARKETING RESEARCH	2018-2019	SD: Proficiency in conducting comprehensive market research to inform strategic business decisions
459	MCOM	FCM 240102	FINANCIAL MARKETS	2018-2019	SD: Develops a comprehensive understanding of financial markets and their dynamics, enabling informed investment decisions.
460	MCOM	FCM 240103	ACCOUNTING FOR MANAGERS	2018-2019	SD: Equipping managers with the financial acumen to make informed business decisions and strategize effectively.
461	MCOM	FCM 240105	STRATEGIC MANAGEMENT	2018-2019	SD: Empowering individuals to formulate and execute effective business strategies for sustainable organizational success.
462	BBA	FMB210101	MICRO OF ECONOMICS	2018-2019	EM: Utilize micro economic concepts and techniques to take business decisions.
463	BBA	FMB210104	BUSINESS COMMUNICATION - I	2018-2019	SD: Students will enhance their communication SDs in english in bussiness context.
464	BBA	FMB210105	FINANCIAL ACCOUNTING - I	2018-2019	EM: Preparation and use of financial statement of different types of organisations.
465	BBA	FMB210106	COMPUTER APPLICATION - I	2018-2019	SD: Competence in ms office and other software.
466	BBA	FMB220101	MACRO ECONOMICS	2018-2019	EM: Apply macroeconomic perspective to solve business issues and take appropriate policy decision.
467	BBA	FMB220102	BUSINESS ENVIRONMENT	2018-2019	EM: Analyse business environment and take appropriate decision.
468	BBA	FMB220104	BUSINESS COMMUNICATION - II	2018-2019	SD: Students will enhance their communication SDs in english in bussiness context.
469	BBA	FMB220105	FINANCIAL ACCOUNTING - II	2018-2019	EM: Preparation and use of financial statement of different types of organisations.
470	BBA	FMB220106	COMPUTER APPLICATION - II	2018-2019	SD: Competence in msoffice and other software.
471	BBA	FMB230102	HUMAN RESOURCE MANAGEMENT	2018-2019	EM: give the knowledge, understanding and key SDs that are required by today's HR professionals and to enable students to effectively contribute to dynamic organisations.



472	BBA	FMB230103	TAXATION - I	2018-2019	EM: Can handle computation of heads of income and taxable income, TDS, advance tax etc.
473	BBA	FMB230104	COST ACCOUNTING – I	2018-2019	EM: Preparation of cost sheet and analysis of financial statements.
474	BBA	FMB230105	INTRODUCTION TO ENTREPRENEURSHIP	2018-2019	EP: Understand the meaning of ENand its different classifications.
475	BBA	FMB240103	TAXATION - II	2018-2019	EM: Can handle computation of heads of income and taxable income, TDS, advance tax etc.
476	BBA	FMB240104	COST ACCOUNTING – II	2018-2019	EM: Preparation of cost sheet and analysis of financial statements.
477	BBA	FMB240105	BUSINESS RESEARCH AND METHODOLOGY	2018-2019	SD: Understand advanced design, methodologies and analysis in business research methods, including key terms, classifications and systematic applications to the research data and design of a research project.
478	BBA	FMB250101	BUSINESS STRATEGY FOR ENTREPRENEURSHIP	2018-2019	EP: Key concepts underpinning innovation and the issues associated with developing and sustaining innovation within organizations.
479	BBA	FMB250105	PORTFOLIO MANAGEMENT	2018-2019	EM: Use methods of valuations of financial instruments and evaluation of risk as well as return of an individual security and portfolio.
480	BBA	FMB260102	AUDITING	2018-2019	EM: Evaluate the methods of depreciation, Rights, duties & liabilities of an auditor, various types of auditing.
481	BBA	FMB260105	PROJECTS	2018-2019	SD: enhancing project development SDs using various theoretical and technical tools.
482	MBA	FMM110403	MANAGERIAL COMMUNICATION (MC)	2021-2022	SD: Students will enhance their communication SDs in english in bussiness context.
483	MBA	FMM110405	QUANTITATIVE TECHNIQUES FOR MANAGEMENT (MP&OB)	2021-2022	SD: To provide students with a basic understanding of the quantitative approaches, methodologies and analytical tools that can be used in business decision making problems.
484	MBA	FMM120401	COST & MANAGEMENT ACCOUNTING	2021-2022	EM: Preparation of cost sheet and analysis of financial statements.
485	MBA	FMM120406	ENTREPRENEURSHIP	2021-2022	EP: Analyse business environment and take appropriate decision to establish and improve business orgnaisation.
486	MBA	FMM130401	SUMMER INTERNSHIP PROJECT (SIP)	2021-2022	EM: Practical experience to improve students EM and knowledge.
487	MBA	FMM130406	DIGITAL& SOCIAL MEDIA MARKETING (DS&MM) MARKETING	2021-2022	EM: Enable the students learn tools and techniques of social media marketing for an effective reach out approach.
488	MBA	FMM140401	COMPREHENSIVE PROJECT	2021-2022	EM: Practical experience to improve students EM and knowledge. An experiential learning which will help the students prepare for job life.



489	BCA	FCAB111101	FUNDAMENTALS OF PROGRAMMING LANGUAGE 'C'	2021-22	SD: C Programming Basics, Control Structure and Looping, Array and String, Functions and Pointers, Structure and Union, Dynamic Memory Allocation, File Management
490	BCA	FCAB111102	DATABASE MANAGEMENT SYSTEM	2021-22	EM: Relational Model, Entity-Relationship model, Relational Database design, Query Processing & Query Optimization, Transaction Management, SQL Concepts, PL/SQL Concepts
491	BCA	FCAB111103	DIGITAL COMPUTER SYSTEM ARCHITECTURE	2021-22	SD-Computer system architecture involves a complex interplay between hardware and software, with advancements continuously shaping the field to enhance performance, efficiency, and capabilities of digital systems
492	BCA	FCAB111104	COMMUNICATION SDS	2021-22	SD-Communication SDs are a fundamental set of abilities that enable effective interaction, understanding, and conveyance of ideas between individuals or groups
493	BCA	FCAB111105	PRACTICAL - FUNDAMENTALS OF PROGRAMMING LANGUAGE 'C'	2021-22	SD-The fundamentals of the C programming language form the backbone of software development and system programming.
494	BCA	FCAB111106	PRACTICAL – DBMS & OFFICE	2021-22	SD-Many office software suites provide tutorials and guides that can be valuable for learning these practical SDs
495	BCA	FCAB121107	ADVANCE PROGRAMMING LANGUAGE 'C'	2021-22	SD-Advanced programming in C involves mastering more complex concepts and techniques beyond the basics
496	BCA	FCAB121108	INTERNET & WEB DESIGN	2021-22	SD-Start with the basics, practice by building simple web pages, and gradually progress to more complex projects
497	BCA	FCAB121109	MATHEMATICS	2021-22	SD-Mathematics is used to develop a SD in maths.
498	BCA	FCAB121110	SYSTEM ANALYSIS	2021-22	SD-System analysis involves a structured approach to understanding and designing systems
499	BCA	FCAB121111	PRACTICAL - ADVANCE PROGRAMMING LANGUAGE 'C'	2021-22	SD-Advance C programming language involves tackling more complex concepts and techniques of program
500	BCA	FCAB121112	PRACTICAL – WEB DESIGN	2021-22	SD-Start with basic projects and gradually move towards more complex ones. The key is to practice, experiment, and learn from the process
501	BCA	FCAB131101	OBJECT ORIENTED PROGRAMMING USING C++	2022-23	SD-C++ involves understanding these principles and applying them practically in coding exercises and projects
502	BCA	FCAB131102	ADVANCE DATABASE MANAGEMENT SYSTEM	2022-23	EM-Proficiency in these advanced concepts is vital for managing large-scale, diverse, and high-performance databases in various industries and applications



503	BCA	FCAB131103	OPERATING SYSTEM	2022-23	SD-Operating systems (OS) are the core software that manages computer hardware and provides services for computer programs
504	BCA	FCAB131104	COMPUTER NETWORK	2022-23	EM-Networking plays a vital role in modern computing, enabling communication, resource sharing, and access to information across various devices and platforms
505	BCA	FCAB131105	PRACTICAL- OBJECT ORIENTED PROGRAMMING USING C++	2022-23	SD- By practicing these steps and gradually building more complex projects, you'll gain a deeper understanding of object-oriented programming using C++. Start with small projects and progressively move towards more comprehensive applications to strengthen your SDs.SD-
506	BCA	FCAB131106	PRACTICAL -ADVANCE DATABASE MANAGEMENT SYSTEM	2022-23	EM-By working on practical projects and experimenting with advanced database concepts, you'll gain a deeper understanding of the intricacies of managing complex data scenarios and optimizing database performance in real-world scenarios.
507	BCA	FCAB141107	MULTIMEDIA AND DESIGN	2022-23	EN-you'll enhance your SDs in multimedia and design. These SDs are versatile and applicable across industries, from digital marketing to entertainment and beyond
508	BCA	FCAB141108	DATA STRUCTURE	2022-23	EM-Data structures are fundamental components in computer science used to organize and store data efficiently.
509	BCA	FCAB141109	DATA MINING AND DATA WARE HOUSING	2022-23	EM-Data mining and data warehousing are essential components of managing and analyzing vast amounts of data
510	BCA	FCAB141110	E-COMMERCE	2022-23	EM-e-commerce involves various aspects from website development to customer management and marketing strategies
511	BCA	FCAB141111	PRACTICAL - MULTIMEDIA AND DESIGN	2022-23	EN-Practicing multimedia and design involves hands-on experience with various tools and creative techniques
512	BCA	FCAB141112	PRACTICAL- DATA STRUCTURE	2022-23	EM-Data structures are fundamental components in computer science used to organize and store data efficiently.
513	B.SC.(IT)	FCAB110201	COMMUNICATION SDS	2022-23	SD-Communication SDs are a fundamental set of abilities that enable effective interaction, understanding, and conveyance of ideas between individuals or groups
514	MCA	FCAM11030 1	COMMUNICATION SDS	2022-23	SD-Communication SDs are a fundamental set of abilities that enable effective interaction, understanding, and conveyance of ideas between individuals or groups
515	MCA	FCAM11030 2	INTRODUCTION TO PROGRAMMING LANGUAGE	2022-23	SD: C Programming Basics, Control Structure and Looping, Array and String, Functions and Pointers, Structure and



					Union, Dynamic Memory Allocation, File Management
516	MCA	FCAM11030 3	INTERNET & WEB DESIGN	2022-23	SD-Start with the basics, practice by building simple web pages, and gradually progress to more complex projects
517	MCA	FCAM11030 4	DIGITAL ELECTRONICS	2022-23	SD-Understanding digital electronics involves learning about circuits, logic gates, and digital systems
518	MCA	FCAM11030 5	PRACTICAL -INTRODUCTION TO PROGRAMMING LANGUAGE	2022-23	SD-The fundamentals of the C programming language form the backbone of software development and system programming.
519	MCA	FCAM11030 6	PRACTICAL - INTERNET & WEB DESIGN	2022-23	SD-Start with the basics, practice by building simple web pages, and gradually progress to more complex projects
520	MCA	FCAM12030 7	DATA COMMUNICATIONS & NETWORKING	2022-23	EM-Networking plays a vital role in modern computing, enabling communication, resource sharing, and access to information across various devices and platforms
521	MCA	FCAM12030 8	OBJECT TECHNOLOGY(JAVA)	2022-23	EM-Learning Java and object-oriented programming involves understanding the language features of java and applying them practically
522	MCA	FCAM12030 9	WEB DEVELOPMENT & DATABASE MANAGEMENT SYSTEM	2022-23	SD-Start with the basics, practice by building simple web pages, and gradually progress to more complex projects
523	MCA	FCAM12031 0	OPERATING SYSTEM	2022-23	SD-An operating system (OS) is a crucial software component that acts as an intermediary between computer hardware and user applications
524	MCA	FCAM12031 1	PRACTICAL -OBJECT TECHNOLOGY(JAVA)	2022-23	EM-Practical experience with object-oriented programming (OOP) and Java involves hands-on coding, building projects, and understanding core concepts
525	MCA	FCAM12031 2	PRACTICAL-WEB DEVELOPMENT & DATABASE MANAGEMENT SYSTEM	2022-23	SD-Start with the basics, practice by building simple web pages, and gradually progress to more complex projects
526	BPT	FPB140101	PHYSIOTHERAPY IN NEUROLOGICAL CONDITIONS	2021-22	SD: acquire knowledge of normal neurodevelopment with specific references to locomotion. plan and prescribe and execute short term and long term treatment.
527	BPT	FPB140102	PHYSIOTHERAPY IN MUSCULO-SKELETAL CONDITIONS	2021-22	SD: identify, discuss and analyze the musculoskeletal dysfunctions in term of biomechanical and biophysical basis and correlate the same with the provisional diagnosis and routine radiological and electro physiological investigations and treatment
528	BPT	FPB140103	PHYSIOTHERAPY IN CARDIO RESPIRATORY & MEDICAL SURGICAL CONDITIONS	2021-22	SD: identify, discuss and analyze the pulmonary dysfunctions based on pathophysiological principles and arrived at appropriate physical and functional diagnosis.



529	BPT	FPB140104	COMMUNITY PHYSIOTHERAPY REHABILITATION AND ASSISTIVE TECHNOLOGIES	2021-22	SD: Describe the evaluation of disability and planning for prevention, promotion and rehabilitation.
530	MPT	FPM110204	ELECTIVE PAPER(ORTHOPAEDICS)	2021-22	EM: To prepare students to address problems related to health education and community physiotherapy.
531	B.PHARM	BP101T	HUMAN ANATOMY AND PHYSIOLOGY I – THEORY	2023-24	SD-EM- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments
532	B.PHARM	BP102T	PHARMACEUTICAL ANALYSIS I – THEORY	2023-24	SD-EM-Use the techniques, SDs, and modern pharmaceutical instruments and tools necessary for pharmacy profession
533	B.PHARM	BP103T	PHARMACEUTICS I – THEORY	2023-24	SD- EM- EN -Understand the impact of pharmaceutical solutions in a global, economic, environmental, and societal context
534	B.PHARM	BP104T	PHARMACEUTICAL INORGANIC CHEMISTRY – THEORY	2023-24	SD- EM- Students can prepare various Pharmaceutical dosage form
535	B.PHARM	BP105T	COMMUNICATION SDS – THEORY *	2023-24	SD- Students can improve their communication SD
536	B.PHARM	BP107P	HUMAN ANATOMY AND PHYSIOLOGY – PRACTICAL	2023-24	SD-allows Students to verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings
537	B.PHARM	BP108P	PHARMACEUTICAL ANALYSIS I – PRACTICAL	2023-24	SD- EM- Students can assay ,prepared and standardized various Heavy metals and Chemicals
538	B.PHARM	BP109P	PHARMACEUTICS I – PRACTICAL	2023-24	SD- EM- Students can prepare various Pharmaceutical dosage form
539	B.PHARM	BP110P	PHARMACEUTICAL INORGANIC CHEMISTRY – PRACTICAL	2023-24	SD- Students can perform purity test on drugs or chemicals
540	B.PHARM	BP111P	COMMUNICATION SDS – PRACTICAL*	2023-24	SD- Students can improve their communication SD
541	B.PHARM	BP112RBP	REMEDIAL BIOLOGY – PRACTICAL*	2023-24	SD- Students can learn about structure and functional system of plant and animal kingdom
542	B.PHARM	BP201T	HUMAN ANATOMY AND PHYSIOLOGY II – THEORY	2023-24	SD-EM- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments
543	B.PHARM	BP202T	PHARMACEUTICAL ORGANIC CHEMISTRY I – THEORY	2023-24	SD-EM- synthesis, characterization of synthetic formulation and solve complex pharmaceutical problems in research and development sector.



544	B.PHARM	BP304T	PATHOPHYSIOLOGY – THEORY	2023-24	SD-EM-student get to know about various communicable diseases and pathophysiology along with all the techniques for screening test .
545	B.PHARM	BP205T	ENVIRONMENTAL SCIENCES – THEORY *	2023-24	EM- student get to know about basic knowledge about the environment and its allied problems
546	B.PHARM	BP206P	HUMAN ANATOMY AND PHYSIOLOGY II –PRACTICAL	2023-24	SD- allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings
547	B.PHARM	BP207P	PHARMACEUTICAL ORGANIC CHEMISTRY I– PRACTICAL	2023-24	SD-Students can do qualitative analysis and synthesis of Organic Compound
548	B.PHARM	BP308P	BIOCHEMISTRY – PRACTICAL	2023-24	SD- Students can demonstrate different Biochemical Test
549	B.PHARM	BP209P	COMPUTER APPLICATIONS IN PHARMACY – PRACTICAL *	2023-24	SD-Allows students to details with Database, Database Management system, computer application in clinical studies and use of databases
550	B.A.M.S	FAB110101	PADARTHA VIJANAM	2019	SD - IN RESEARCH ACTIVITIES
551	B.A.M.S	FAB110105	SAMHITA ADHYAYAN	2019	E- -BIOMEDICAL KNOWLEDGE GIVE TO COMMON MAN
552	B.A.M.S	FAB110103	KRIYA SHARIRA	2019	SD- HEALTH EXAMINATION
553	B.A.M.S	FAB110104	RACHANA SHARIRA	2019	SD - SD DEVELOPMENT ON DISSECTION OF DEAD BODY
554	B.A.M.S	FAB110102	SAMSKRITAM EVAM AYURVEDA ITHIHAS	2019	SD - BIOMEDICNE KNOWLEDGE CONVERT TO CURRENT ACCEPTING KNOWLEDGE
555	B.A.M.S	AyUG-PV	PADARTHA VIJANAM	2021	SD - IN RESEARCH ACTIVITIES
556	B.A.M.S	AyUG-SA1	SAMHITA ADHYAYAN	2021	E- -BIOMEDICAL KNOWLEDGE GIVE TO COMMON MAN
557	B.A.M.S	AyUG-KS	KRIYA SHARIRA	2021	SD HEALTH EXAMINATION
558	B.A.M.S	AyUG-RS	RACHANA SHARIRA	2021	SD - SD DEVELOPMENT ON DISSECTION OF DEAD BODY
559	B.A.M.S	AyUG-SN&AI	SAMSKRITAM EVAM AYURVEDA ITHIHAS	2021	SD - BIOMEDICNE KNOWLEDGE CONVERT TO CURRENT ACCEPTING KNOWLEDGE
560	B.A.M.S	FAB120101	DRAVYAGUNA VIJYANA	2020	SD - PLANT IDENTIFICATION AND ENTERPRINERSHIP FOR MEDICINE MANIFACTOURE
561	B.A.M.S	FAB120102	ROGA NIDAN	2020	SD BIOLOGICAL TESTS
562	B.A.M.S	FAB120103	RASA SHASTRA EVUM BHAISHAJYA KALPANA	2020	E - HERBAL MEDICNE INDUSTRY
563	B.A.M.S	FAB120104	CHARAKA SAMHITA	2020	E- -BIOMEDICAL KNOWLEDGE GIVE TO COMMON MAN
564	B.A.M.S	FAB130101	AGAD TANTRA	2021	E - AYUSH MEDICINE MARKET
565	B.A.M.S	FAB130102	SWASTHAVRITTA	2021	Spiritual Entrepreneurship



566	B.A.M.S	FAB130103	PRASUTI TANTRA EVUM STRI ROGA	2021	E -PREVENTIVE DEATH RATIO AND HEALTHY CHILD
567	B.A.M.S	FAB130104	KAUMARBHRITYA	2021	E CHILD FEEDING AND SAMSKAR TRAINER
568	B.A.M.S	FAB130105	CHARAKA SAMHITA (UTTARARDHA)	2021	E- -BIOMEDICAL KNOWLEDGE GIVE TO COMMON MAN
569	B.A.M.S	FAB140101	KAYA CHIKITSA	2022	E- AS A PRACTISIONER
570	B.A.M.S	FAB140102	PANCHAKARMA	2022	SD -FOR PANCHKARMA
571	B.A.M.S	FAB140103	SHALYA TANTRA	2022	SD AS WELL AS E- FOR ANORECTAL SURGERY
572	B.A.M.S	FAB140104	SHALAKYA TANTRA	2022	E- EYE AND ENT CARE TECHNIQUES
573	B.A.M.S	FAB140105	RESEARCH METHODOLOGY AND MEDICAL STATISTICS	2022	E- NEW RESEARCH PRODUCT SPECIALLY FOR NCD
574	BACHELOR OF NURSING	FNB110404	NURSING FOUNDATION	2021-22	SD :- To Develop understanding about the concept of health, illness and scope of nursing within health care services.& Apply values, code of ethics and professional conduct in professional life.
575	BACHELOR OF NURSING	FNB120403	NURSING INFORMATICS& TECHNOLOGY	2021-22	EM :- To Develop a basic understanding of computer application in patient care and nursing practice.
576	BACHELOR OF NURSING	FNB130403	ADULT HEALTH NURSING I	2021-22	SD :- To Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
577	BACHELOR OF NURSING	FNB150401	CHILD HEALTH NURSING	2021-22	SD :- To Develop understanding of the history and modern concepts of child health and child-care.
578	BACHELOR OF NURSING	FNB150405	INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS	2021-22	SD :- Identify forensic nursing as an emerging specialty in healthcare and nursing practice
579	BACHELOR OF NURSING	FNB170403	OBSTETRICS AND GYNAECOLOGY (OBG) NURSING	2021-22	SD :- Demonstrate professional accountability for the delivery of nursing care as per INC standards/ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice.
580	BACHELOR OF NURSING	FNB150402	MENTAL HEALTH NURSING	2021-22	SD :- Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.
581	LL.B	FLLB110101	CONSTITUTION LAW-I	2018-19	EM : Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
582	LL.B	FLLB110102	LAW OF CONTRACT	2018-19	EM :Contract Law cultivates EM and ENby equipping students with essential contractual knowledge and negotiation SDs, crucial for thriving in diverse legal and business environments.



583	LL.B	FLLB110103	LAW OF TORTS, MOTOR VEHICLES ACT & CONSUMER PROTECTION ACTS	2018-19	EM :The Law of Torts, Motor Vehicles Act, and Consumer Protection Acts are pivotal legal frameworks shaping EM, entrepreneurship, and SD development.
584	LL.B	FLLB110104	BANKING LAW	2018-19	EM :Banking Law is key for professionals, offering enhanced EM in finance, aiding entrepreneurs in regulatory navigation, and contributing to SD development in legal compliance within the dynamic banking sector.
585	LL.B	FLLB110105	LAW OF CRIMES - I (INDIAN PENAL CODE)	2018-19	EN : Understanding Law of Crimes - I (Indian Penal Code) enhances EM in law enforcement, aids entrepreneurs in legal compliance, and requires SD development in interpreting and navigating criminal laws.
586	LL.B	FLLB120106	CONSTITUTION LAW-II	2018-19	EN :Constitution Law-II proficiency boosts EM in legal and governmental sectors, aiding entrepreneurs in ensuring compliance and ethical business practices. SD development in constitutional law is essential for navigating legal complexities and making informed decisions.
587	LL.B	FLLB120107	SPECIAL CONTRACT	2018-19	EM: Participatory learning through conduct of Case study relating to Sale of goods Act., SD: Role play on Essentials of a valid contract
588	LL.B	FLLB120108	LAW OF CRIME – II (CR.P.C)	2018-19	SD : Student studies criminal procedure code, IPC, IEA, constitutions of India, acts pertaining to socio- economic and environmental crimes
589	LL.B	FLLB120109	CIVIL PROCEDURE CODE	2018-19	SD :The Civil Procedure Code (CPC) and Law of Limitation are pivotal in governing civil litigation, providing procedural guidelines and time constraints essential for fair and efficient resolution of legal disputes.
590	LL.B	FLLB120110	LAW OF EVIDENCE	2018-19	EM : The Law of Evidence is essential for ensuring the fair administration of justice by establishing rules and standards for the admissibility and presentation of evidence in legal proceedings.
591	LL.B	FLLB130411	JURISPRUDENCE	2019-20	EM :Jurisprudence is crucial as it provides a theoretical foundation for understanding, interpreting, and shaping the principles and philosophy underlying the law.
592	LL.B	FLLB130412	LABOUR & INDUSTRIAL LAW-1	2019-20	EM : Providing a comprehensive understanding of legal frameworks governing labor relations, equipping individuals to navigate the complexities of employment law and contribute effectively to industrial environments.
593	LL.B	FLLB130413	LABOUR & INDUSTRIAL LAW-2	2019-20	EM Providing a comprehensive understanding of legal frameworks governing labor relations, equipping individuals to navigate the complexities of employment law and contribute effectively to industrial environments.



594	LL.B	FLLB130414	PROPERTY LAW	2019-20	EM & EN Equipping individuals with a comprehensive understanding of real estate regulations, facilitating effective legal navigation in property transactions and fostering entrepreneurial opportunities in the real estate sector.
595	LL.B	FLLB130415	ADMINISTRATIVE LAW	2019-20	EM Administrative Law is vital for ensuring accountability, fairness, and legality in the actions of government agencies, playing a crucial role in upholding the rule of law and protecting citizens' rights.
596	LL.B	FLLB140416	FAMILY LAW-1	2019-20	EM Family is paramount for emotional support and personal development, shaping the foundation of one's values and relationships.
597	LL.B	FLLB140417	FAMILY LAW-2	2019-20	EM Family is paramount for emotional support and personal development, shaping the foundation of one's values and relationships.
598	LL.B	FLLB140418	COMPANY LAW	2019-20	EM: Mind map on different kinds of companies. EN: Discuss on case studies- Legal documents for establishment of a company
599	LL.B	FLLB140419	PUBLIC INTERNATIONAL LAW	2019-20	EN Equipping individuals with a profound understanding of international and domestic human rights principles, fostering the SDs needed to advocate for justice and equality in diverse legal settings.
600	LL.B	FLLB140420	TAXATION	2019-20	EM: Profit or Loss - Activity on Computation of Income prepare students to be industry ready, EN: E-Filing of Returns enables them to serve as Tax Consultants SD: Workshop on E-filing of Returns throw light on taking up filing on their own
601	LL.B	FLLB150421	ENVIRONMENT LAW	2020-21	EN Environmental Law curriculum integrates practical case studies and regulatory compliance training, enhancing EM by preparing legal professionals to navigate complex environmental regulations and compliance frameworks
602	LL.B	FLLB150422	TRUST AND RTI ACT	2020-21	EN The Trust Law curriculum emphasizes practical application, incorporating case studies and drafting exercises to enhance EM by equipping legal professionals with the SDs needed for effective trust management and administration.
603	LL.B	FLLB150423	INTERPRETATION OF STATUTES	2020-21	SD EM is enhanced through specialized training in the interpretation of statutes, equipping legal professionals with the analytical SDs required to decipher and apply complex legislative provisions in various legal settings.



604	LL.B	FLLB150424	HUMAN RIGHTS LAW	2020-21	EN Human Rights Law curriculum incorporates real-world case simulations and advocacy exercises, enhancing EM by cultivating the practical SDs needed to address human rights issues and engage in impactful legal advocacy.
605	LL.B	FLLB150425	INTELLECTUAL PROPERTY RIGHTS	2020-21	SD The clear information about the patent laws, intellectual property rights and drug regulation in India and abroad is gained by the students -SD development
606	LL.B	FLLB160426	DRAFTING, PLEADING AND CONVEYANCE	2020-21	EM EM is heightened through hands-on drafting exercises within legal education, equipping professionals with the essential SDs to prepare precise legal documents, enhancing their value in law firms and corporate legal departments.
607	LL.B	FLLB160427	PROFESSIONAL ETHICS	2020-21	EM EM is bolstered through specialized training in professional ethics, providing legal professionals with a strong ethical foundation, crucial for building trust with clients and employers in diverse professional settings.
608	LL.B	FLLB150428	ALTERNATIVE DISPUTE RESOLUTION	2020-21	EM EM is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
609	LL.M	FLLM110401	INDIAN CONSTITUTIONAL LAW : THE NEW CHALLENGES	2018-19	EN Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
610	LL.M	FLLM110402	LEGAL EDUCATION AND RESEARCH METHODOLOGY	2018-19	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
611	LL.M	FLLM110403	PENOLOGY : TREATMENT OF OFFENDERS	2018-19	EM EM is strengthened through experiential training in penology, providing legal professionals with an understanding of rehabilitative practices and correctional policies, enhancing their ability to contribute to criminal justice reform.
612	LL.M	FLLM110404	DRUG ADDICTION, CRIMINAL JUSTICE AND HUMAN RIGHTS	2018-19	EM ENis encouraged by integrating case studies on drug addiction within legal clinics, empowering individuals to establish businesses that focus on rehabilitation, harm reduction, and legal compliance in the context of substance abuse treatment.
613	LL.M	FLLM110405	COMMUNICATION SD	2018-19	EM EM is elevated through targeted communication SDs training, focusing on effective written and verbal communication, essential for professional success in any field.



614	LL.M	FLLM120406	JURISPRUDENCE	2018-19	EM EM is enriched through advanced studies in jurisprudence, providing legal professionals with a deep understanding of legal theory and philosophical foundations, enhancing their analytical SDs and critical thinking in diverse legal contexts.
615	LL.M	FLLM120407	LAW & SOCIAL TRANSFORMATION IN INDIA	2018-19	EN ENis fostered through legal clinics focused on social justice initiatives, empowering individuals to establish ventures that drive positive social change and sustainable development, integrating legal strategies for impactful entrepreneurship.
616	LL.M	FLLM120408	JUVENILE DELINQUENCY	2018-19	EM ENis encouraged by integrating legal clinics focused on juvenile justice, empowering individuals to establish programs addressing juvenile delinquency prevention, rehabilitation, and community reintegration, fostering entrepreneurial initiatives with a social impact.
617	LL.M	FLLM120409	PRIVILEGED CLASS DEVIANCE	2018-19	EM ENis fostered by integrating case studies on privileged class deviance within legal clinics, empowering individuals to establish businesses with a commitment to ethical practices, corporate responsibility, and legal compliance.
618	LL.M	FLLM120410	WELL-BEING OF TRIBES AND ANY NEEDFUL CLASS	2018-19	EM SD development initiatives include practical exercises in tribal law and community engagement, preparing legal practitioners to effectively navigate legal complexities, promote social justice, and contribute to the well-being of marginalized classes.
619	LL.M	FLLM130411	JUDICIAL PROCESS	2019-20	EM EM is enriched through advanced studies in jurisprudence, providing legal professionals with a deep understanding of legal theory and philosophical foundations, enhancing their analytical SDs and critical thinking in diverse legal contexts.
620	LL.M	FLLM130412	PRINCIPLES OF HUMAN RIGHTS	2019-20	EN ENis fostered through legal clinics focused on social justice initiatives, empowering individuals to establish ventures that drive positive social change and sustainable development, integrating legal strategies for impactful entrepreneurship.
621	LL.M	FLLM130413	PRACTICAL - I	2019-20	EM ENis encouraged by integrating legal clinics focused on juvenile justice, empowering individuals to establish programs addressing juvenile delinquency prevention, rehabilitation, and community reintegration, fostering entrepreneurial initiatives with a social impact.



622	LL.M	FLLM130414	COLLECTIVE VIOLENCE AND CRIMINAL JUSTICE SYSTEM	2019-20	EM ENis fostered by integrating case studies on privileged class deviance within legal clinics, empowering individuals to establish businesses with a commitment to ethical practices, corporate responsibility, and legal compliance.
623	LL.M	FLLM130415	GENERAL PRINCIPAL OF LAW OF TORTS	2019-20	EM SD development initiatives include practical exercises in tribal law and community engagement, preparing legal practitioners to effectively navigate legal complexities, promote social justice, and contribute to the well-being of marginalized classes.
624	LL.M	FLLM130416	SOFT SD- NEWS REPORTING AND ANALYSIS	2019-20	EM ENis fostered by integrating business law clinics with a focus on the judicial process, empowering aspiring entrepreneurs to navigate legal complexities related to business litigation, contracts, and dispute resolution.
625	LL.M	FLLM140417	THE INFORMATION TECHNOLOGY ACT,2000	2019-20	SD SD development initiatives in human rights include practical exercises in human rights impact assessments and advocacy strategies, preparing legal practitioners to navigate complex human rights issues and contribute to positive social change.
626	LL.M	FLLM140418	PRACTICAL - II	2019-20	EM ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
627	LL.M	FLLM140419	DISSERTATION	2019-20	SD ENis encouraged by integrating real-world case studies on collective violence into legal clinics, empowering individuals to establish businesses that prioritize conflict resolution and community-building in the aftermath of violence.
628	LL.M	FLLM140420	SPECIFIC TORTS	2019-20	EN ENis fostered by integrating case studies on collective violence and its legal implications within legal clinics, empowering individuals to establish businesses with a focus on conflict resolution, risk mitigation, and legal compliance.
629	LL.M	FLLM140421	SOFT SD - CASE STUDY	2019-20	EN ENis encouraged by incorporating entrepreneurial journalism modules, empowering individuals to establish media ventures with a focus on insightful news reporting and analysis, fostering innovation in the rapidly evolving media landscape.
630	LL.M	FLLM110301	INDIAN CONSTITUTIONAL LAW : THE NEW CHALLENGES	2018-19	EN Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles



631	LL.M	FLLM110302	LEGAL EDUCATION AND RESEARCH METHODOLOGY	2018-19	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
632	LL.M	FLLM110303	LAW OF EXPORT IMPORT REGULATION	2018-19	SD ENis fostered by incorporating export-import law modules within business programs, empowering individuals to establish international ventures with a focus on legal compliance, risk management, and efficient cross-border transactions.
633	LL.M	FLLM110304	LAW OF INDUSTRIAL AND INTELLECTUAL PROPERTY	2018-19	EN ENis fostered by incorporating IP law clinics within business programs, empowering aspiring entrepreneurs to protect their innovations, brands, and creative works, fostering a legal foundation crucial for entrepreneurial ventures.
634	LL.M	FLLM110305	COMMUNICATION SD	2018-19	SD EM is elevated through targeted communication SDs training, focusing on effective written and verbal communication, essential for professional success in any field.
635	LL.M	FLLM120306	JURISPRUDENCE	2018-19	EN Jurisprudence is crucial as it provides a theoretical foundation for understanding, interpreting, and shaping the principles and philosophy underlying the law.
636	LL.M	FLLM120307	LAW & SOCIAL TRANSFORMATION IN INDIA	2018-19	EN ENis fostered through legal clinics focused on social justice initiatives, empowering individuals to establish ventures that drive positive social change and sustainable development, integrating legal strategies for impactful entrepreneurship.
637	LL.M	FLLM120308	BANKING LAW	2018-19	EM Banking Law is key for professionals, offering enhanced EM in finance, aiding entrepreneurs in regulatory navigation, and contributing to SD development in legal compliance within the dynamic banking sector.
638	LL.M	FLLM120309	INSURANCE LAW	2018-19	EM : ENis fostered by incorporating insurance law modules within business programs, empowering individuals to establish ventures with a focus on risk management, insurance compliance, and effective dispute resolution.
639	LL.M	FLLM120310	COMPUTER AWARENESS	2018-19	EM ENis fostered by incorporating computer awareness modules within business programs, empowering individuals to leverage technology for business innovation, digital marketing, and efficient operations.
640	LL.M	FLLM130311	JUDICIAL PROCESS	2019-20	EM ENis fostered by integrating business law clinics with a focus on the judicial process, empowering aspiring entrepreneurs to navigate legal complexities related to business litigation, contracts, and dispute resolution.



641	LL.M	FLLM130312	PRINCIPLES OF HUMAN RIGHTS	2019-20	EM SD development initiatives in human rights include practical exercises in human rights impact assessments and advocacy strategies, preparing legal practitioners to navigate complex human rights issues and contribute to positive social change.
642	LL.M	FLLM130313	PRACTICAL - I	2019-20	SD ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
643	LL.M	FLLM130314	LEGAL REGULATION ON ECONOMIC ENTERPRISE	2019-20	SD ENis empowered by incorporating legal regulations content into business programs, enabling aspiring entrepreneurs to navigate legal complexities, structure businesses, and manage compliance, fostering responsible and sustainable entrepreneurship.
644	LL.M	FLLM130315	CORPORATE FINANCE	2019-20	EM SD development initiatives include practical exercises in financial modeling, investment analysis, and financial planning, equipping individuals with the expertise needed to navigate the complexities of corporate finance and contribute effectively to both employment and entrepreneurial settings.
645	LL.M	FLLM130316	NEWS REPORTING AND ANALYSIS	2019-20	EN ENis encouraged by incorporating entrepreneurial journalism modules, empowering individuals to establish media ventures with a focus on insightful news reporting and analysis, fostering innovation in the rapidly evolving media landscape.
646	LL.M	FLLM140317	THE INFORMATION TECHNOLOGY ACT,2000	2019-20	EN ENis fostered by incorporating IT Act-focused legal clinics, enabling aspiring entrepreneurs to navigate the legal aspects of online businesses, data protection, and electronic transactions, promoting legal compliance in tech ventures.
647	LL.M	FLLM140318	DIRECT TAXATION	2019-20	EM: Profit or Loss - Activity on Computation of Buit6siV6o Income prepare students to be industry ready, EN: E-Filing of Returns enables them to serve as Tax Consultants SD: Workshop on E-filing of Returns throw light on taking up filing on their own
648	LL.M	FLLM140319	DISSERTATION	2019-20	SD : Dissertation and viva are critical in academia for evaluating a student's depth of knowledge, research SDs, and analytical capabilities, shaping future experts in their respective fields.
649	LL.M	FLLM140320	PRACTICAL - II	2019-20	SD ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for



					ethical and legally compliant business ventures.
650	LL.M	FLLM140321	SOFT SD - CASE STUDY	2019-20	EM EM is enhanced through case study-focused soft SD training, cultivating critical thinking, problem-solving, and analytical abilities, essential for professionals to excel in diverse work environments.
651	LL.M	FLLM110101	RESEARCH METHODS AND LEGAL WRITING	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
652	LL.M	FLLM110102	COMPARATIVE PUBLIC LAW	2022-23	EN ENis fostered by incorporating Comparative Public Law content within legal education, empowering individuals to understand legal systems across jurisdictions, aiding in the establishment of businesses with a nuanced understanding of diverse legal frameworks.
653	LL.M	FLLM110103	CLINICAL PAPER - 1 (DOCTRINAL, NON-DOCTRINAL, CLINICAL LEGAL RESEARCH)	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
654	LL.M	FLLM110104	EVOLUTION, CONCEPT AND DEVELOPMENT OF ADR	2022-23	EN The concept of ADR has developed over time to encompass various mechanisms such as mediation, arbitration, and negotiation, emphasizing parties' autonomy, flexibility, and a quicker resolution compared to lengthy court proceedings.
655	LL.M	FLLM110105	LAW OF ARBITRATION	2022-23	EN The concept of ADR has developed over time to encompass various mechanisms such as mediation, arbitration, and negotiation, emphasizing parties' autonomy, flexibility, and a quicker resolution compared to lengthy court proceedings.
656	LL.M	FLLM110106	INTERNATIONAL COMMERCIAL ARBITRATION	2022-23	EN The concept of ADR has developed over time to encompass various mechanisms such as mediation, arbitration, and negotiation, emphasizing parties' autonomy, flexibility, and a quicker resolution compared to lengthy court proceedings.
657	LL.M	FLLM120101	LAW AND JUSTICE IN A GLOBALIZING WORLD	2022-23	EN ENis fostered by incorporating Comparative Public Law content within legal education, empowering individuals to understand legal systems across jurisdictions, aiding in the establishment of businesses with a nuanced understanding of diverse legal frameworks.



658	LL.M	FLLM120102	CLINICAL PAPER : 2(LLEGAL AID & TEACHING PRACTICE)	2022-23	EN ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
659	LL.M	FLLM120103	RESEARCH PROJECT DISSERTATION	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
660	LL.M	FLLM120104	LAW ON MEDIATION, CONCILIATION AND NEGOTIATION	2022-23	EM EM is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
661	LL.M	FLLM120105	ONLINE DISPUTE RESOLUTION	2022-23	SD SD development is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
662	LL.M	FLLM120106	FAMILY DISPUTE RESOLUTION	2022-23	SD: is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
663	LL.M	FLLM110201	RESEARCH METHODS AND LEGAL WRITING	2022-23	EN Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
664	LL.M	FLLM110202	COMPARATIVE PUBLIC LAW	2022-23	EN ENis fostered by incorporating Comparative Public Law content within legal education, empowering individuals to understand legal systems across jurisdictions, aiding in the establishment of businesses with a nuanced understanding of diverse legal frameworks.
665	LL.M	FLLM110203	CLINICAL PAPER - 1 (DOCTRINAL, NON-DOCTRINAL, CLINICAL LEGAL RESEARCH)	2022-23	EN ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
666	LL.M	FLLM110204	CENTRE – STATE RELATIONS AND CONSTITUTIONAL GOVERNANCE	2022-23	SD Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
667	LL.M	FLLM110205	FUNDAMENTAL RIGHTS AND DIRECTIVE PRINCIPLES OF STATE POLICIES	2022-23	EN Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles



668	LL.M	FLLM110206	PUBLIC POLICY DEVELOPMENT	2022-23	EN Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
669	LL.M	FLLM120201	LAW AND JUSTICE IN A GLOBALIZING WORLD	2022-23	EN The concept emphasizes the need for a nuanced understanding of diverse legal systems, fostering international cooperation and legal standards to ensure justice and equity on a global scale.
670	LL.M	FLLM120202	CLINICAL PAPER : 2 (LEGAL AID & TEACHING PRACTICE)	2022-23	EN ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
671	LL.M	FLLM120203	RESEARCH PROJECT DISSERTATION	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
672	LL.M	FLLM120204	ADMINISTRATIVE LAW	2022-23	SD Administrative Law is vital for ensuring accountability, fairness, and legality in the actions of government agencies, playing a crucial role in upholding the rule of law and protecting citizens' rights.
673	LL.M	FLLM120205	LOCAL SELF-GOVERNMENT AND FEDERAL GOVERNANCE	2022-23	EN Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
674	LL.M	FLLM120206	POLICE SECURITY AND ADMINISTRATION	2022-23	SD Studying constitutional law in LL.B enhances EM and ENby providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
675	LL.M	FLLM110301	RESEARCH METHODS AND LEGAL WRITING	2022-23	EN Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
676	LL.M	FLLM110302	COMPARATIVE PUBLIC LAW	2022-23	SD : ENis fostered by incorporating Comparative Public Law content within legal education, empowering individuals to understand legal systems across jurisdictions, aiding in the establishment of businesses with a nuanced understanding of diverse legal frameworks.
677	LL.M	FLLM110303	CLINICAL PAPER - 1 (DOCTRINAL, NON-DOCTRINAL, CLINICAL LEGAL RESEARCH)	2022-23	EN Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
678	LL.M	FLLM110304	CRIMINOLOGY, PENOLOGY AND VICTIMOLOGY	2022-23	EN Criminology is the study of criminal behavior, investigating its causes, patterns, and societal impact, providing insights for crime prevention and criminal justice policy.



679	LL.M	FLLM110305	CRIMINAL JUSTICE AND HUMAN RIGHTS	2022-23	EN ENis encouraged by integrating case studies on drug addiction within legal clinics, empowering individuals to establish businesses that focus on rehabilitation, harm reduction, and legal compliance in the context of substance abuse treatment.
680	LL.M	FLLM110306	POLICE LAW AND ADMINISTRATION	2022-23	SD This field focuses on the organizational and managerial aspects of law enforcement agencies, including personnel management, budgeting, and strategic planning, contributing to effective and accountable police administration.
681	LL.M	FLLM120301	LAW AND JUSTICE IN A GLOBALIZING WORLD	2022-23	EN Law and Justice in a Globalizing World recognize the increasing interconnectedness of legal systems, necessitating a collaborative approach to address transnational challenges such as international trade, cybercrime, and human rights violations.
682	LL.M	FLLM120302	CLINICAL PAPER : 2 (LEGAL AID & TEACHING PRACTICE)	2022-23	EN ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
683	LL.M	FLLM120303	RESEARCH PROJECT DISSERTATION	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
684	LL.M	FLLM120304	DRUG ADDICTION AND CRIME	2022-23	EN Drug addiction and crime often share a complex and intertwined relationship, as substance abuse can contribute to criminal behavior, including drug-related offenses, theft, and violence.
685	LL.M	FLLM120305	CORPORATE CRIMES / WHITE COLLAR CRIMES	2022-23	SD Corporate Crimes or White Collar Crimes involve non-violent offenses committed by individuals, often within business or professional settings, such as fraud, embezzlement, insider trading, and other financial crimes.
686	LL.M	FLLM120306	LAW OF JUVENILE DELINQUENCY	2022-23	EN encompasses legal provisions and procedures specific to offenses committed by minors, focusing on rehabilitation rather than punitive measures, with the aim of preventing future criminal behavior.
687	LL.M	FLLM110401	RESEARCH METHODS AND LEGAL WRITING	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
688	LL.M	FLLM110402	COMPARATIVE PUBLIC LAW	2022-23	EM ENis fostered by incorporating Comparative Public Law content within legal education, empowering individuals to understand legal systems across jurisdictions, aiding in the establishment of businesses with a nuanced understanding of diverse legal frameworks.



689	LL.M	FLLM110403	CLINICAL PAPER - 1 (DOCTRINAL, NON-DOCTRINAL, CLINICAL LEGAL RESEARCH)	2022-23	EM Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
690	LL.M	FLLM110404	LAW OF COPYRIGHT, INDUSTRIAL DESIGN AND ELECTRONIC CIRCUIT DESIGN.	2022-23	EM The clear information about the Copyright laws, intellectual property rights and electronic circuit in India and abroad is gained by the students -SD development
691	LL.M	FLLM110405	LAW OF PATENT AND TECHNOLOGY TRANSFER	2022-23	EN The clear information about the Law of Patent, intellectual property rights and Technology Transfer in India and abroad is gained by the students -SD development
692	LL.M	FLLM110406	INTERNATIONAL PERSPECTIVE AND ADVANCE LAWS OF IPR	2022-23	EM The clear information about the patent laws, intellectual property rights and electronic circuit in India and abroad is gained by the students -SD development
693	LL.M	FLLM120401	LAW AND JUSTICE IN A GLOBALIZING WORLD	2022-23	EN ENis fostered by incorporating Comparative Public Law content within legal education, empowering individuals to understand legal systems across jurisdictions, aiding in the establishment of businesses with a nuanced understanding of diverse legal frameworks.
694	LL.M	FLLM120402	CLINICAL PAPER : 2 (LEGAL AID & TEACHING PRACTICE)	2022-23	EN ENis fostered by incorporating practical business law clinics, enabling aspiring entrepreneurs to navigate legal challenges in real-time, developing essential SDs for ethical and legally compliant business ventures.
695	LL.M	FLLM120403	RESEARCH PROJECT DISSERTATION	2022-23	EM Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
696	LL.M	FLLM120404	BUSINESS ASPECTS OF IPR: TRADE MARKET, TRADE SECRETS, ETC.	2022-23	EN The clear information about the intellectual property rights and Trade Market, Trade Secrets in India and abroad is gained by the students -SD development
697	LL.M	FLLM120405	LAW OF BIODIVERSITY, TRADITIONAL KNOWLEDGE AND GEOGRAPHICAL INDICATIONS.	2022-23	SD The clear information about the Law of Biodiversity and Trade Market, Trade Secrets in India and Geographical Indications is gained by the students -
698	LL.M	FLLM120406	SOCIAL ASPECTS OF IPR	2022-23	EM The clear information about the intellectual property rights and Social Aspects of IPR in India and abroad is gained by the students -SD development
699	B.COM.LL.B	FLIC310101	LAW OF TORTS (M.V. ACT & CONSUMER PROTECTION)	2018-19	EM The Law of Torts, Motor Vehicles Act, and Consumer Protection Acts are pivotal legal frameworks shaping EM, entrepreneurship, and SD development.
700	B.COM.LL.B	FLIC310102	LEGAL METHODS & RESEARCH	2018-19	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
701	B.COM.LL.B	FLIC310103	ENGLISH FOR LEGAL PROFESSIONALS-1	2018-19	SD Proficiency in English for Legal Professionals is indispensable, ensuring precise communication, international collaboration, and effective legal practice.



702	B.COM.LL.B	FLIC310104	GENERAL PRINCIPLES OF ECONOMICS	2018-19	EM Utilize micro economic concepts and techniques to take business decisions
703	B.COM.LL.B	FLIC310105	FUNDAMENTALS OF ACCOUNTING	2018-19	EM Preparation and use of financial statement of different types of organisations.
704	B.COM.LL.B	FLIC320101	CONSTITUTIONAL LAW-I	2018-19	EM Providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
705	B.COM.LL.B	FLIC320102	LAW OF CONTRACT	2018-19	EM The Law of Contract is essential for governing agreements, ensuring legal enforceability, and facilitating fair and predictable transactions in commercial and civil relationships.
706	B.COM.LL.B	FLIC320103	ENGLISH FOR LEGAL PROFESSIONALS -2	2018-19	SD Proficiency in English for Legal Professionals is indispensable, ensuring precise communication, international collaboration, and effective legal practice.
707	B.COM.LL.B	FLIC320104	BUSINESS ECONOMICS-2	2018-19	EM Apply macroeconomic perspective to solve business issues and take appropriate policy decision.
708	B.COM.LL.B	FLIC320105	ORGANIZATIONAL BEHAVIOUR AND BEHAVIOUR PSYCHOLOGY	2018-19	EM Use techniques for raising funds from capital market and from different sources.
709	B.COM.LL.B	FLIC230113	BUSINESS COMMUNICATION	2019-20	SD Competence in oral, written, and visual communication: EM, Use current technology Practicals.
710	B.COM.LL.B	FLIC230114	BUSINESS ENVIRONMENT	2019-20	EM Analyse business environment and take appropriate decision.
711	B.COM.LL.B	FLIC230115	FUNDAMENTALS OF INTERNATIONAL BUSINESS	2019-20	SD To enable students to proficiently design, conduct, and analyze business research, fostering evidence-based decision-making in the corporate landscape.
712	B.COM.LL.B	FLIC230116	CONSTITUTION LAW II	2019-20	EM Providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles
713	B.COM.LL.B	FLIC230117	FAMILY LAW I	2019-20	EN Family is paramount for emotional support and personal development, shaping the foundation of one's values and relationships.
714	B.COM.LL.B	FLIC230118	LEGAL THEORY (JURISPRUDENCE	2019-20	EM Jurisprudence is crucial as it provides a theoretical foundation for understanding, interpreting, and shaping the principles and philosophy underlying the law.
715	B.COM.LL.B	FLIC240119	CORPORATE ACCOUNTING-1	2019-20	EM Preparation of cost sheet and analysis of financial statements.
716	B.COM.LL.B	FLIC240120	INTRODUCTION TO DIRECT - INDIRECT TAXES	2019-20	EM Can handle computation of heads of income and taxable income, TDS, advance tax etc.
717	B.COM.LL.B	FLIC240121	FUNDAMENTALS OF BANKING	2019-20	EN Enhances the ability to analyze securities and construct portfolios for



					optimal investment returns and risk management
718	B.COM.LL.B	FLIC240122	CIVIL PROCEDURE CODE &LAW OF LIMITATION (CPC)	2019-20	SD The Civil Procedure Code (CPC) and Law of Limitation are pivotal in governing civil litigation, providing procedural guidelines and time constraints essential for fair and efficient resolution of legal disputes.
719	B.COM.LL.B	FLIC240123	FAMILY LAW -II	2019-20	EM Family is paramount for emotional support and personal development, shaping the foundation of one's values and relationships.
720	B.COM.LL.B	FLIC240124	TRANSFER OF PROPERTY AND EASEMENT ACT	2019-20	EM : transfer of property and easement act is related to the agreement and contract with property.
721	B.COM.LL.B	FLIC250125	ENVIRONMENTAL LAW	2019-20	EM Environmental law is crucial for safeguarding ecosystems and promoting sustainable development, ensuring legal frameworks that address environmental challenges and balance human activities with ecological preservation.
722	B.COM.LL.B	FLIC250126	MANAGEMENT ACCOUNTING - I	2019-20	EM Enhancing financial decision-making proficiency for optimal resource allocation and organizational sustainability.
723	B.COM.LL.B	FLIC250127	COST ACCOUNTING - II	2019-20	EM Preparation of cost sheet of financial statements
724	B.COM.LL.B	FLIC250128	LAW OF CRIME-I (I.P.C)	2019-20	SD : Student studies criminal procedure code, IPC, IEA, constitutions of India, acts pertaining to socio- economic and environmental crimes
725	B.COM.LL.B	FLIC250129	LABOUR & INDUSTRIAL LAW-1	2019-20	EM providing a comprehensive understanding of legal frameworks governing labor relations, equipping individuals to navigate the complexities of employment law and contribute effectively to industrial environments.
726	B.COM.LL.B	FLIC250130	INTERPRETATION OF STATUTES	2019-20	EM The interpretation of statutes is vital for ensuring the accurate application and understanding of laws, providing clarity and coherence in legal systems.
727	B.COM.LL.B	FLIC260131	LABOUR &INDUSTRIAL LAW -II	2020-21	EM providing a comprehensive understanding of legal frameworks governing labor relations, equipping individuals to navigate the complexities of employment law and contribute effectively to industrial environments.
728	B.COM.LL.B	FLIC260132	MANAGEMENT ACCOUNTING -2	2020-21	SD Equipping managers with the financial acumen to make informed business decisions and strategize effectively.
729	B.COM.LL.B	FLIC260133	LAW OF CRIME -CRPC-II	2020-21	SD : Student studies criminal procedure code, IPC, IEA, constitutions of India, acts pertaining to socio- economic and environmental crimes



730	B.COM.LL.B	FLIC260134	LAW OF EVIDENCE	2020-21	EM The Law of Evidence is essential for ensuring the fair administration of justice by establishing rules and standards for the admissibility and presentation of evidence in legal proceedings.
731	B.COM.LL.B	FLIC260135	DRAFTING, PLEADING & CONVEYANCING (CC)	2020-21	SD Drafting, Pleading, and Conveyancing (CC) is crucial in legal practice for honing the SDs needed to create precise legal documents, present effective arguments, and facilitate seamless transactions, enhancing the overall competency of legal professionals.
732	B.COM.LL.B	FLIC260136	BUSINESS ORGANIZATION AND MANAGEMENT	2020-21	EM providing a comprehensive understanding of legal frameworks governing labor relations, equipping individuals to navigate the complexities of employment law and contribute effectively to industrial environments.
733	B.COM.LL.B	FLIC170838	PUBLIC INTERNATIONAL LAW	2020-21	EM Equipping individuals with a profound understanding of international and domestic human rights principles, fostering the SDs needed to advocate for justice and equality in diverse legal settings.
734	B.COM.LL.B	FLIC170839	ADMINISTRATIVE LAW	2020-21	SD Legal Research Methodology is crucial for legal professionals to systematically gather, analyze, and interpret legal information, fostering informed decision-making and contributing to the development of robust legal arguments.
735	B.COM.LL.B	FLIC170841	COST & FINANCIAL ACCOUNTING - I	2020-21	SD Dissertation and viva are critical in academia for evaluating a student's depth of knowledge, research SDs, and analytical capabilities, shaping future experts in their respective fields.
736	B.COM.LL.B	FLIC170842	MEDIATION & CONCILIATION AND ARBITRATION - I	2020-21	EM EM is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
737	B.COM.LL.B	FLIC170843	CYBER LAW AND IT ACT	2020-21	EM: Case Study Discussions on various cybercrimes especially during the pandemic A demo on Various methods to identify Security Challenges Posed by Mobile Devices. Pictionary Games on basic terminologies in Cyber Offences SD: Quiz and Seminar on tools and methods used in cyber crime
738	B.COM.LL.B	FLIC180843	INTELLECTUAL PROPERTY RIGHT	2021-22	SD The clear information about the patent laws, intellectual property rights and drug regulation in India and abroad is gained by the students -SD development



739	B.COM.LL.B	FLIC180845	PROFESSIONAL ETHICS & PROFESSIONAL ACCOUNTING SYSTEM (CC)	2021-22	EM EM is bolstered through specialized training in professional ethics, providing legal professionals with a strong ethical foundation, crucial for building trust with clients and employers in diverse professional settings.
740	B.COM.LL.B	FLIC180846	INDIAN FINANCIAL SYSTEM	2021-22	EM Develops a comprehensive understanding of financial markets and their dynamics, enabling informed investment decisions.
741	B.COM.LL.B	FLIC180847	MEDIATION & CONCILIATION AND ARBITRATION-II	2021-22	EM EM is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
742	B.COM.LL.B	FLIC180848	ALTERNATIVE DISPUT LAWS	2021-22	EM EM is enhanced through practical training in Alternative Dispute Resolution (ADR), providing legal professionals with mediation and negotiation SDs crucial for resolving conflicts efficiently and contributing to their versatility in legal practice.
743	B.COM.LL.B	FLIC190847	FORENSIC SCIENCE & CRIME DETECTION METHOD	2022-23	EM: Case Study: Discussions on various cyber crimes during the pandemic. Online Assignments on how attacks are planned, Security Challenges Posed by Mobile Devices. SD: Quiz: Tools and Methods Used in Cybercrime
744	B.COM.LL.B	FLIC190848	LAW OF IMPORT & EXPORT	2022-23	EN EN is fostered by incorporating export-import law modules within business programs, empowering individuals to establish international ventures with a focus on legal compliance, risk management, and efficient cross-border transactions.
745	B.COM.LL.B	FLIC190849	HUMAN RIGHTS' LAW AND PRACTICE	2022-23	EM Equipping individuals with a profound understanding of international and domestic human rights principles, fostering the SDs needed to advocate for justice and equality in diverse legal settings.
746	B.COM.LL.B	FLIC190851	LEGAL RESEARCH METHODOLOGY	2022-23	SD Legal Research Methodology is crucial for legal professionals to systematically gather, analyze, and interpret legal information, fostering informed decision-making and contributing to the development of robust legal arguments.
747	B.COM.LL.B	FLIC190852	DISSERTATION AND VIVA	2022-23	SD Dissertation and viva are critical in academia for evaluating a student's depth of knowledge, research SDs, and analytical capabilities, shaping future experts in their respective fields.



748	B.COM.LL.B	FLIC1100852	PUBLIC INTEREST LAWYERING,LEGAL AID AND PARA LRGAL AID SERVICES	2022-23	EN Public Interest Lawyering involves legal advocacy on behalf of marginalized or disadvantaged groups, addressing systemic issues to promote social justice and advance the common good.
749	B.COM.LL.B	FLIC1100853	ANIMAL PROTECTION LAWS,FARMERSAND BREEDERS' RIGHT	2022-23	EM Animal Protection Laws encompass legislation designed to safeguard the welfare and rights of animals, addressing issues such as cruelty, neglect, and the responsible treatment of animals in various contexts, including agriculture, entertainment, and companionship.
750	B.COM.LL.B	FLIC1100854	BIODIVERSITY PROTECTION AND IPR	2022-23	EN Biodiversity Protection and IPR (Intellectual Property Rights) intersect in efforts to preserve and sustainably manage biological diversity. Legal frameworks, including patents and plant breeders' rights, aim to incentivize innovation while ensuring the conservation of diverse ecosystems.
751	B.COM.LL.B	FLIC1100856	NARCOTICS DRUGS &PSYCHOTROPIC SUBSTANCES ACT (NDPS)	2022-23	EM The NDPS Act is pivotal in addressing and controlling the production, trafficking, and abuse of narcotics and psychotropic substances, playing a crucial role in combating drug-related offenses and promoting public health and safety.
752	B.COM.LL.B	FLIC1100857	LAND LAWS	2022-23	SD Land laws are fundamental in regulating property rights, land use, and ownership, ensuring legal stability and equitable distribution of resources for sustainable development.
753	B.A.LL.B	FLIC110201	LAW OF TORTS (M.V. ACT & CONSUMER PROTECTION)	2022-23	EM The Law of Torts, Motor Vehicles Act, and Consumer Protection Acts are pivotal legal frameworks shaping EM, entrepreneurship, and SD development.
754	B.A.LL.B	FLIC110202	LEGAL METHODS & RESEARCH	2022-23	SD Study of Scientific writing, Selection of problem, criteria for selecting a research title, research hypothesis
755	B.A.LL.B	FLIC110203	ENGLISH FOR LEGAL PROFESSIONALS-1	2022-23	SD Proficiency in English for Legal Professionals is indispensable, ensuring precise communication, international collaboration, and effective legal practice.
756	B.A.LL.B	FLIC110204	GENERAL PRINCIPLES OF ECONOMICS	2022-23	EM Utilize micro economic concepts and techniques to take business decisions
757	B.A.LL.B	FLIC110205	FUNDAMENTALS OF SOCIOLOGY	2022-23	EM explore the foundational principles of the scientific study of society, encompassing topics such as social structures, institutions, culture, and the dynamics of human interaction within different social contexts.
758	B.A.LL.B	FLIC120201	CONSTITUTIONAL LAW-I	2022-23	SD Providing a strong legal foundation for navigating complex legal issues and fostering a deep understanding of constitutional principles



759	B.A.LL.B	FLIC120202	LAW OF CONTRACT	2022-23	EM The Law of Contract is essential for governing agreements, ensuring legal enforceability, and facilitating fair and predictable transactions in commercial and civil relationships.
760	B.A.LL.B	FLIC120203	ENGLISH FOR LEGAL PROFESSIONALS -2	2022-23	SD Proficiency in English for Legal Professionals is indispensable, ensuring precise communication, international collaboration, and effective legal practice.
761	B.A.LL.B	FLIC120204	BUSINESS ECONOMICS-2	2022-23	EM Utilize micro economic concepts and techniques to take business decisions
762	B.A.LL.B	FLIC120205	BASIC PSYCHOLOGICAL PROCESSES	2022-23	EM involve fundamental cognitive functions such as perception, attention, memory, and decision-making, providing the building blocks for understanding how individuals process and interpret information.
763	B.H.M.S.	Hom UG-AN	ANATOMY, HISTOLOGY AND EMBRYOLOGY	2022-23	SD: to develop understanding about detailed structure of human body
764	B.H.M.S.	Hom UG - PB	HUMAN PHYSIOLOGY & BIOCHEMISTRY	2022-23	SD: to develop understanding about detailed function of organic leaving body
765	B.H.M.S.	Hom-UG-HP	HOMOEOPATHIC PHARMACY	2022-23	EN: knowledge about preparation of homoeopathic medicine which will help beneficeary to establish own homoeopathic pharmacy
766	B.H.M.S.	HomUG-HMM-I	HOMOEOPATHIC MATERIA MEDICA	2022-23	SD: to develop in depth knowledge and applicability of medicines used in homoeopathic practice
767	B.H.M.S.	HomUG-R-I	HOMOEOPATHIC REPERTORY AND CASE TAKING	2022-23	EM: 1. to develop homoeopathic software. 2. as efficient homoeopathic physician
768	B.H.M.S.	HomUG-OM-I	ORGANON OF MEDICINE AND HOMOEOPATHIC PHILOSOPHY AND FUNDAMENTALS OF PSYCHOLOGY	2022-23	SD: to develop an integrated approach in homoeopathic management of patients on the principles of homoeopathy.
769	B.H.M.S.	HomUG-Yoga I	YOGA FOR HEALTH PROMOTION	2022-23	SD: to develop meditational SDs and holistic approach in management of patients.
770	B.A ENGLISH	BA1001	COMPULSORY ENGLISH	2019-20	SD-Students will be able to develop their writing, speaking, presentation SD.
771	B.A ENGLISH	BA2001	COMPULSORY ENGLISH	2019-20	SD-Students will be able to develop their writing, speaking, presentation SD.
772	B.A ENGLISH	BA3001	COMPULSORY ENGLISH	2020-21	SD-Students will be able to develop their writing, speaking, presentation SD.
773	B.A ENGLISH	BA4001	COMPULSORY ENGLISH	2020-21	SD-Students will be able to develop their writing, speaking, presentation SD.
774	B.A ENGLISH	BA5001	COMPULSORY ENGLISH	2021-22	SD-Students will be able to develop their writing, speaking, presentation SD.
775	B.A ENGLISH	BA6001	COMPULSORY ENGLISH	2021-22	SD-Students will be able to develop their writing, speaking, presentation SD.



776	BA HISTORY	BA1004	INDIAN CONSTITUTION	2020-21	SD- To develop knowledge about human right 2. To develop knowledge about different law human right
777	BA HISTORY	BA2004	INDIAN GEOGRAPHY	2020-21	SD: Understanding of different pollutions and its impact to the environment EM: Applying different disposal techniques for soil, marine water and solid waste
778	BA HISTORY	BA3004	ENVIRONMENT SCIENCE	2021-22	SD- To develop knowledge about CONSTITUTION 2. To develop knowledge about INDIAN CONSTITUTION
779	BA HISTORY	BA4004	CULTURAL HERITAGE OF GUJARAT	2021-22	SD: Understanding of different pollutions and its impact to the environment EM: Applying different disposal techniques for soil, marine water and solid waste
780	BA HISTORY	BA5004	HUMAN RIGHTS	2022-23	SD-students will be able to know about the basic rights and moral duties as a citizen of india
781	BA PSYCHOLOGY	BA6004	PERSONALITY DEVELOPMENT	2022-23	SD- students will be able to develop their soft SDs, dressing style and public speaking
782	BA GUJARATI	BA5025	SAMIXA ANE APATHIT	2021-22	SD- students will be able to understand letter writing, critical analysis, applicaion writing in gujarati language.
783	BA GUJARATI	BA6025	VYAVHAR BHASHA	2021-22	SD-students will be able to write letter writing,application writing,
784	BA ECONOMICS	BA3044	INDIAN ECONOMY1	2021-22	SD- students will be able to know about the basic knowledge of organic farming
785	BA ECONOMICS	BA5044	DEVELOPMENT AND ENVIRONMENTAL ECONOMICS	2022-23	SD- students will be able to know about the basic knowledge of Eco Frandly Product and aviod polythine
786	M.A HISTORY	FAHM11530 1	ELEMENTS OF HISTORICAL METHOD	2020-2021	SD- students will be able to know about the basic knowledge of historical research
787	M.A HISTORY	FAHM12530 1	HISTORIOGRAPHY	2020-2021	SD- students will be able to know about the basic knowledge of historical research and writing
788	BA ECONOMICS	BA5045	DEMOGRAPHY	2022-23	EN- students will be able to know about the Population explosion and birth Control
789	MA ECONOMICS	FAHM12540 3	BASIC STATISTICS OF ECONOMICS	2021-22	EN- students will be able to know about the Research Mathodology for research work and survey
790	MA ENGLISH	FAHM12510 4	ENGLISH LANGUAGE THEORY	2020-2021	SD- students will be able to know about the English language theory and its various methods of teaching
791	MA ENGLISH	FAHM13510 5	RESEARCH METHODOLOGY	2020-2021	SD- students will be able to know about how to research and its importance
792	MA GUJARATI	FAHM11520 5	સાહિત્ય અને સિનેમા	2020-2021	SD- students will be able to know about what is the inter relation between literatiure and Film
793	MA GUJARATI	FAHM14520 5	ભાષા અને સાહિત્ય કૌશલ્ય	2020-2021	SD- students will be able to know about language and its various skills
794	MA ECONOMICS	FAHM12540 5	INDUSTRIAL ECONOMICS	2021-22	EN- students will be able to know about the enterpenouership Devolpment program



795	BACHELOR OF NURSING	FNB110404	NURSING FOUNDATION	2021-22	SD :To Develop understanding about the concept of health, illness and scope of nursing within health care services.& Apply values, code of ethics and professional conduct in professional life.
796	BACHELOR OF NURSING	FNB120403	NURSING INFORMATICS& TECHNOLOGY	2021-22	EM :To Develop a basic understanding of computer application in patient care and nursing practice.
797	BACHELOR OF NURSING	FNB130403	ADULT HEALTH NURSING I	2021-22	SD :To Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
798	BACHELOR OF NURSING	FNB150401	CHILD HEALTH NURSING	2021-22	SD :To Develop understanding of the history and modern concepts of child health and child-care.
799	BACHELOR OF NURSING	FNB150405	INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS	2021-22	SD :Identify forensic nursing as an emerging specialty in healthcare and nursing practice
800	BACHELOR OF NURSING	FNB170403	OBSTETRICS AND GYNAECOLOGY (OBG) NURSING	2021-22	SD :Demonstrate professional accountability for the delivery of nursing care as per INC standards/ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice.
801	BACHELOR OF NURSING	FNB150402	MENTAL HEALTH NURSING	2021-22	SD :- Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.
802	MASTER OF NURSING	FNM115101	MEDICAL SURGICAL NURSING-I	2020-21	SD : Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty. 2. Apply concepts & theories related to health promotion.
803	MASTER OF NURSING	FNM115201	OBSTETRIC & GYNECOLOGICAL NURSING - I	2020-21	SD : Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty. 2. Describe the population dynamics and indicators of maternal and child health
804	MASTER OF NURSING	FNM115301	MENTAL HEALTH NURSING-I	2020-21	SD : Appreciate the trends and issues in the field of psychiatry and psychiatric nursing. 2. Explain the dynamics of personality development and human behaviour.
805	MASTER OF NURSING	FNM115401	CHILD HEALTH NURSING -I	2020-21	SD : Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty 2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
806	MASTER OF NURSING	FNM115501	COMMUNITY HEALTH NURSING -I	2020-21	SD : Appreciate the history and development in the field of Community Health and Community Health Nursing. 2. Appreciate role of individuals and families in promoting health of the Community.



807	POST BASIC BACHELOR OF SCIENCE IN NURSING	FNP110201	NURSING FOUNDATION	2021-22	SD :Identify professional aspects of nursing 2. Explain theories of nursing
808	POST BASIC BACHELOR OF SCIENCE IN NURSING	FNP110206	MATERNAL NURSING	2021-22	SD : Describe the physiology of pregnancy, labour, and puerperium. 2. Manage normal pregnancy, labour and puerperium.
809	POST BASIC BACHELOR OF SCIENCE IN NURSING	FNP110207	CHILD HEALTH NURSING	2021-22	SD : Explain the modern concept of child care and the principles of child health nursing. 2. Describe the normal growth and development of children in various age groups.
810	POST BASIC BACHELOR OF SCIENCE IN NURSING	FNP110208	MEDICAL & SURGICAL NURSING	2021-22	SD : Explain relevant Anatomy & Physiology of various systems of the body. 2. Explain etiology, pathophysiology & manifestations of various disorders
811	POST BASIC BACHELOR OF SCIENCE IN NURSING	FNP120202	COMMUNITY HEALTH NURSING	2021-22	SD : Explain the concept of various factors contributing the health of individual family and community. 2. Explain and analyze health need of individual family and community based on factors contributing to health and illness
812	POST BASIC BACHELOR OF SCIENCE IN NURSING	FNP120203	MENTAL HEALTH NURSING	2021-22	SD :Identify and describe the philosophy and principles of mental health nursing. 2. Describe the historical development of mental health and psychiatric nursing.