Date: 21.07.2023

Sub: List of new courses introduced program-wise during the Academic Year 2022-23.

Ref: 1. Minutes of the 30th Meeting of Academic Council held on 07.05.2022.

   2. Minutes of the 31st Meeting of Academic Council held on 30.07.2022.
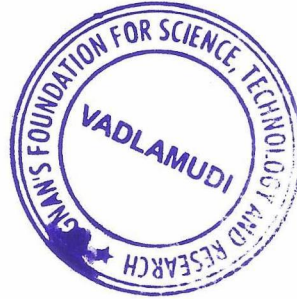
   3. Minutes of the 32nd Meeting of Academic Council held on 10.12.2022.

   4. Minutes of the 33rd Meeting of Academic Council held on 17.06.2023.

The curriculum of all programs offered by VFSTR undergoes major revision once in 2-3 years based on the feedback of stakeholders. The list of new courses introduced program-wise during the last Academic Year 2022-23 are shown in Annexure-I.

Registrar

REGISTRAR
VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Deemed to be University)
VADLAMUDI - 522 213
GUNTUR (DISTRICT), A.P, INDIA.

Copy To:
   The Vice-Chancellor,
   All Deans / Directors / HoDs
   Master File.

Program name	Course code	Course name
B.Tech-Food Technology	22FT101	Food Biochemistry and Nutrition
B.Tech-Food Technology	22FT103	IT Workshop and Food Engineering Products
B.Tech-Food Technology	22FT102	Food Chemistry
B.Tech-Food Technology	22FT201	Food Microbiology
B.Tech-Food Technology	22FT202	Principles of Food Preservation and Processing
B.Tech-Food Technology	22FT203	Engineering Thermodynamics
B.Tech-Food Technology	22FT204	Fruits and Vegetables Processing
B.Tech-Food Technology	22FT205	Fundamentals of Fluid Mechanics
B.Tech-Food Technology	19FT401	Food Quality Safety & Standards
B.Tech-Food Technology	19FT402	Food Plant Layout & Equipment Design
B.Tech-Food Technology	19FT403	Food Packing
B.Tech-Food Technology	19FT433	Post-Harvest Management of Fruits & Vegetables
Bachelor of Computer Applications	22BC101	Digital Computer Fundamentals
Bachelor of Computer Applications	22BC102	Programming for Problem Solving
Bachelor of Computer Applications	22BC103	Technical English Communication
Bachelor of Computer Applications	22BC104	Web Technologies
Bachelor of Computer Applications	22BC105	Mathematical Foundations for Computer Science
Bachelor of Computer Applications	22BC106	IT workshop and Tools
Bachelor of Computer Applications	22BC108	Python Programming
Bachelor of Computer Applications	22BC109	Data Structures
Bachelor of Computer Applications	22BC110	Probability and Statistics
Bachelor of Computer Applications	22BC111	Environmental studies
Bachelor of Computer Applications	22BC112	Fundamentals of Network Security
Bachelor of Computer Applications	22BC113	Data visualization Laboratory
Bachelor of Computer Applications	22BC114	Soft skills laboratory
Bachelor of Computer Applications	21BC104	Python Programming
Bachelor of Computer Applications	21BC107	Internet & Web Technologies
Bachelor of Computer Applications	21BC201	Object Oriented Programming
Bachelor of Computer Applications	21BC202	Web Application Development
Bachelor of Computer Applications	21BC203	Database Management System
Bachelor of Computer Applications	21BC204	Software Engineering
Bachelor of Computer Applications	21BC205	Data Structures
Bachelor of Computer Applications	21BC206	Operating Systems
Bachelor of Computer Applications	21BC208	Computer Networks
Bachelor of Computer Applications	21BC209	Human Values, Professional Ethics & Gender Equity
Bachelor of Computer Applications	21BC210	Environmental Studies
Bachelor of Computer Applications	21BC211	Competitive Coding Lab
Bachelor of Computer Applications	21BC212	Mini Project-I

Bachelor of Computer Applications	21BC214	Technical Seminar-II
Bachelor of Computer Applications	21BC360	Statistical Programming in R
Bachelor of Computer Applications	18BC302	Network Programming
Bachelor of Computer Applications	18BC303	Data Mining
Bachelor of Computer Applications	18BC304	Advanced Mobile Application development Using Android
Bachelor of Computer Applications	18BC305	Internet of Things
Bachelor of Computer Applications	18BC306	Big data Analytics
Bachelor of Computer Applications	18BC307	Cloud Computing
Bachelor of Computer Applications	18BC308	Multimedia Systems
Bachelor of Computer Applications	18BC309	Mobile Application Development Using Android
Bachelor of Computer Applications	18BC310	Project work
Bachelor of Computer Applications	18BC311	Statistical Programming in R
Bachelor of Computer Applications	18BC313	Mini Project-II
Bachelor of Computer Applications	18BC301	Information Security
Master of Computer Applications	22MC101	Data Structures
Master of Computer Applications	22MC102	Probability and Statistics
Master of Computer Applications	22MC103	Database Systems
Master of Computer Applications	22MC104	Computer Organization and operating systems
Master of Computer Applications	22MC105	Object oriented Programming with Java
Master of Computer Applications	22MC106	Python Programming
Master of Computer Applications	22MC107	Technical English communication
Master of Computer Applications	22MC108	Software Engineering and Testing
Master of Computer Applications	22MC109	Web Technologies
Master of Computer Applications	22MC110	Computer Networks
Master of Computer Applications	22MC111	Data Mining Techniques
Master of Computer Applications	22MC112	Data Visualization
Master of Computer Applications	22MC113	Socially relevant project using Design Thinking
Master of Computer Applications	22MC114	Soft skills laboratory
Master of Computer Applications	20MC201	Internet Of Things
Master of Computer Applications	20MC207	Cryptography & Network Security
Master of Computer Applications	20MC211	Cloud Computing
Master of Computer Applications	20MC215	Data Science Using Python
Master of Computer Applications	20MC203	Data Mining
Master of Computer Applications	20MC205	Mobile Application Development
B.Tech-Information Technology	22IT102	IT Workshop and Tools
B.Tech-Information Technology	22IT101	Web Technologies
B.Tech-Information Technology	22IT201	Database Systems
B.Tech-Information Technology	22IT203	Object Oriented Programming
B.Tech-Information Technology	22IT205	Operating System
B.Tech-Information Technology	22IT202	Digital Logic Design
B.Tech-Information Technology	22IT204	Design and Analysis of Algorithms

B.Tech-Information Technology	22IT206	Python Programming
B.Tech-Information Technology	19IT335	R Programming
B.Tech-Information Technology	19IT401	Cryptography & Network Security
B.Tech-Chemical Engineering	22CH101	IT Workshop and Chemical Engineering Products
B.Tech-Chemical Engineering	22CH201	Chemical Engineering Thermodynamics -1
B.Tech-Chemical Engineering	22CH202	Chemical Process Calculations
B.Tech-Chemical Engineering	22CH203	Momentum Transfer
B.Tech-Chemical Engineering	22CH204	Mechanical Unit Operations
B.Tech-Chemical Engineering	22CH205	Chemical Engineering Thermodynamics - II
B.Tech-Chemical Engineering	22CH206	Process Heat Transfer
B.Tech-Chemical Engineering	19CH401	Quality Control of Pharmaceutical Dosage Forms
B.Tech-Chemical Engineering	19CH402	Safety In Chemical Industries-II
B.Tech-Chemical Engineering	19CH403	Industrial Process Technologies-I
B.Tech-Chemical Engineering	19CH404	Industrial Process Technology-II
B.Tech-Civil Engineering	22CE205	Environmental Engineering
B.Tech-Civil Engineering	22CE206	Advance Structural Analysis
B.Tech-Civil Engineering	19CE401	Construction Planning & Management
B.Tech-Civil Engineering	19CE402	Engineering Economics, Estimation & Costing
B.Tech-Civil Engineering	19CE404	Design & Analysis Of Algorithms For Civil Engineering
B.Tech-Civil Engineering	19CE432	Pre-Stressed Concrete
B.Tech-Civil Engineering	19CE433	Urban Hydrology
B.Tech-Electronics and Communication Engineering	22EC104	Semiconductor Physics and Devices
B.Tech-Electronics and Communication Engineering	22EC102	Network Theory
B.Tech-Electronics and Communication Engineering	22EC202	Probability Theory and Stochastic Processes
B.Tech-Electronics and Communication Engineering	22EC209	Printed Circuit Board Design
B.Tech-Electronics and Communication Engineering	22EC205	Signals and Systems
B.Tech-Electronics and Communication Engineering	22EC203	Digital Electronics
B.Tech-Electronics and Communication Engineering	22EC201	Analog Circuits
B.Tech-Electronics and Communication Engineering	22EC206	Communication Systems
B.Tech-Electronics and Communication Engineering	22EC208	Control Systems
B.Tech-Electronics and Communication Engineering	22EC835	FPGA based System Design
B.Tech-Electronics and Communication Engineering	22EC204	Electronics for Automation
B.Tech-Electronics and Communication Engineering	22EC103	Principles of Electronics Engineering
B.Tech-Electronics and	19EC401	VLSI Design

Communication Engineering		
B.Tech-Electronics and Communication Engineering	19EC432	RF&MW Engineering
B.Tech-Electronics and Communication Engineering	19EC433	Wireless Sensor Networks
B.Tech-Electronics and Communication Engineering	19EC435	Satellite Communications
B.Tech-Electronics and Communication Engineering	19EC436	Radar Systems
B.Tech-Electronics and Communication Engineering	19EC444	System on Chip
B.Tech-Electronics and Communication Engineering	19EC521	Embedded Linux
B.Tech-Electronics and Communication Engineering	19EC531	Embedded Systems & RTOS
B.Tech-Electronics and Communication Engineering	19EC541	Design of IoT Systems
B.Tech-Electrical and Electronics Engineering	22REE201	Fundamentals of Renewable Energy Sources
B.Tech-Electrical and Electronics Engineering	22EE102	IT Workshop and Electrical Engineering Products
B.Tech-Electrical and Electronics Engineering	22EE103	Electrical Circuits and Networks
B.Tech-Electrical and Electronics Engineering	22EE202	Power Transmission and Distribution
B.Tech-Electrical and Electronics Engineering	22EE203	DC Machines and Transformers
B.Tech-Electrical and Electronics Engineering	22EE204	Analog Electronics
B.Tech-Electrical and Electronics Engineering	22EE205	Digital Electronic Circuits
B.Tech-Electrical and Electronics Engineering	22EE207	Induction and Synchronous Machines
B.Tech-Electrical and Electronics Engineering	22EE208	Power Electronic Devices And Circuits
B.Tech-Electrical and Electronics Engineering	22EE206	Electric Motors for Robotics
B.Tech-Electrical and Electronics Engineering	22EE104	Principles of Electrical Engineering
B.Tech-Electrical and Electronics Engineering	19EE401	Analysis & Operation of Power Systems
B.Tech-Electrical and Electronics Engineering	19EE406	Deep Learning
B.Tech-Electrical and Electronics Engineering	19EE407	Reinforcement Learning
B.A-LL.B (H)	20LA025	Indian Administration
B.A-LL.B (H)	20LA026	Environmental Studies
B.A-LL.B (H)	20LA027	Constitutional Law-II
B.A-LL.B (H)	20LA028	Labour Law-II
B.A-LL.B (H)	20LA029	Civil Procedure Code & Limitation Act
B.A-LL.B (H)	20LA030	Jurisprudence
B.A-LL.B (H)	20LA031	Environmental Law

B.A-LL.B (H)	20LA032	Law of Property
B.A-LL.B (H)	20LA033	Public International Law
B.A-LL.B (H)	20LA034	Administrative Law
B.A-LL.B (H)	20LA035	Law of Evidence
B.A-LL.B (H)	20LA036	Alternative Dispute Resolution (Clinical Paper-I)
B.B.A-LL.B (H)	20LB025	Operations Management
B.B.A-LL.B (H)	20LB026	Strategic Management
B.B.A-LL.B (H)	20LB027	Constitutional Law-II
B.B.A-LL.B (H)	20LB028	Labour Law-II
B.B.A-LL.B (H)	20LB029	Civil Procedure Code & Limitation Act
B.B.A-LL.B (H)	20LB030	Jurisprudence
B.B.A-LL.B (H)	20LB031	Environmental Law
B.B.A-LL.B (H)	20LB032	Law of Property
B.B.A-LL.B (H)	20LB033	Public International Law
B.B.A-LL.B (H)	20LB034	Administrative Law
B.B.A-LL.B (H)	20LB035	Law of Evidence
B.B.A-LL.B (H)	20LB036	Alternative Dispute Resolution (Clinical Paper-I)
B.Sc. (Mathematics, Statistics and Computer Science)	22BS101	Technical English Communication
B.Sc. (Mathematics, Statistics and Computer Science)	22BS102	Calculus
B.Sc. (Mathematics, Statistics and Computer Science)	22BS103	Descriptive Statistics and Probability Distributions
B.Sc. (Mathematics, Statistics and Computer Science)	22BS104	Programming in C
B.Sc. (Mathematics, Statistics and Computer Science)	22BS105	IT Workshop
B.Sc. (Mathematics, Statistics and Computer Science)	22BS201	English Proficiency and Communication Skills
B.Sc. (Mathematics, Statistics and Computer Science)	22BS108	Algebra
B.Sc. (Mathematics, Statistics and Computer Science)	22BS109	Mathematical Expectation and Probability Distributions
B.Sc. (Mathematics, Statistics and Computer Science)	22BS110	Data Structures
B.Sc. (Mathematics, Statistics and Computer Science)	20HS039	Linear Algebra
B.Sc. (Mathematics, Statistics and Computer Science)	20HS045	Database Management Systems
B.Sc. (Mathematics, Statistics and Computer Science)	20HS049	Analytical Skills-Ii

B.Sc. (Mathematics, Statistics and Computer Science)	20HS050	Employability Skills Lab
B.Sc. (Mathematics, Statistics and Computer Science)	20HS041	Sampling Techniques & Design Of Experiments
B.Sc. (Mathematics, Statistics and Computer Science)	20HS043	Linear Programming Problem & Applications
B.Sc. (Mathematics, Statistics and Computer Science)	20HS053	Complex Variables
B.Sc. (Mathematics, Statistics and Computer Science)	20HS055	Statistical Quality & Reliability
B.Sc. (Mathematics, Statistics and Computer Science)	20HS056	Game Theory & Network Analysis
B.Sc. (Mathematics, Statistics and Computer Science)	20HS062	Artificial Intelligence
B.Sc. (Mathematics, Statistics and Computer Science)	20HS063	Project
B.Tech-Textile Technology	22TT101	Textile Fibers
B.Tech-Textile Technology	22TT201	Yarn manufacturing
B.Tech-Textile Technology	22TT202	Fabric Manufacturing
B.Tech-Textile Technology	22TT203	Testing of Fibers and Yarns
B.Tech-Textile Technology	22TT204	Technology of Preparatory and Dyeing
B.Tech-Textile Technology	22TT205	Fabric Structure and Design
B.Tech-Textile Technology	22TT206	Technology of Knits and Nonwovens
B.Tech-Textile Technology	22TT801	Pattern making
B.Tech-Textile Technology	22TT802	Garment Construction Techniques
B.Tech-Textile Technology	22TT803	Characteristics of Textile Fibers
B.Tech-Biomedical Engineering	22BM101	Clinical Biochemistry
B.Tech-Biomedical Engineering	22BM102	Fundamentals of Anatomy and Physiology
B.Tech-Biomedical Engineering	22BM202	Basic Clinical Sciences
B.Tech-Biomedical Engineering	22BM204	Biomedical Instrumentation
B.Tech-Biomedical Engineering	22BM205	Hospital Management
B.Tech-Biomedical Engineering	22BM203	Electrical Circuit Theory
B.Tech-Biomedical Engineering	22BM201	Analog Electronic Circuits
B.Tech-Biomedical Engineering	22BM208	Biomedical Signals and Systems
B.Tech-Biomedical Engineering	22BM206	Analog and Digital ICs
B.Tech-Biomedical Engineering	22BM207	Biomaterials and Artificial Organs
B.Tech-Biomedical Engineering	19BM401	Medical Image Processing
B.Tech-Biomedical Engineering	19BM431	Fiber Optics & Lasers In Medicine
Bachelor of Business Administration	22BB101	Business Communication
Bachelor of Business Administration	22BB102	Business Mathematics
Bachelor of Business Administration	22BB103	Financial Accounting

Bachelor of Business Administration	22BB104	Micro Economics
Bachelor of Business Administration	22BB105	Indian Administration
Bachelor of Business Administration	22BB106	Business English Certification (Lab)
Bachelor of Business Administration	22BB107	IT Workshop and Accounting Practice
Bachelor of Business Administration	22BB109	Cost Accounting
Bachelor of Business Administration	22BB110	Geography and Environmental Studies
Bachelor of Business Administration	22BB111	Principles and Practice of Management
Bachelor of Business Administration	22BB112	Business Statistics
Bachelor of Business Administration	22BB113	Macro Economics
Bachelor of Business Administration	22BB114	Statistical Tools for Manager Using Excel (Lab)
Bachelor of Business Administration	22SA102	Orientation Course
Bachelor of Business Administration	20BB301	Strategic Management
Bachelor of Business Administration	20BB302	Direct Taxation
Bachelor of Business Administration	20BB303	Operation Research
Bachelor of Business Administration	20BB304	SIP Review (Lab)
Bachelor of Business Administration	20BB305	Taxation (Lab)
Bachelor of Business Administration	20BB320	Marketing Research
Bachelor of Business Administration	20BB321	Consumer Behavior
Bachelor of Business Administration	20BB322	Product Management
Bachelor of Business Administration	20BB323	Sales Management
Bachelor of Business Administration	20BB324	Pricing Management
Bachelor of Business Administration	20BB325	Channel Management
Bachelor of Business Administration	20BB326	Rural Marketing
Bachelor of Business Administration	20BB310	International Financial Management
Bachelor of Business Administration	20BB311	Fundamentals of Investment
Bachelor of Business Administration	20BB312	Financial Markets and Institutions
Bachelor of Business Administration	20BB313	Banking and Financial Services

Bachelor of Business Administration	20BB314	Project Finance
Bachelor of Business Administration	20BB315	Industrial Relations and Labor Laws
Bachelor of Business Administration	20BB316	Talent Planning and Acquisition
Bachelor of Business Administration	20BB317	Learning and Development
Bachelor of Business Administration	20BB318	Talent Management and Succession Planning
Bachelor of Business Administration	20BB319	Industrial and Organizational Psychology
Bachelor of Business Administration	20BB327	Service Management
Bachelor of Business Administration	20BB328	Supply Chain Management
Bachelor of Business Administration	20BB329	Introduction to R-programming
Bachelor of Business Administration	20BB330	International Business
Bachelor of Business Administration	20BB331	Entrepreneurship Development
Bachelor of Business Administration	20BB332	Essential Skills for Managers-II (Lab)
Bachelor of Business Administration	20BB333	Management Thesis (Lab)
Bachelor of Business Administration	20BB334	SPSS- II (Lab)
Bachelor of Business Administration	20BB346	Retail Marketing
Bachelor of Business Administration	20BB347	Service Marketing
Bachelor of Business Administration	20BB348	Integrated Marketing Communication
Bachelor of Business Administration	20BB349	Digital Marketing
Bachelor of Business Administration	20BB350	Customer Relationship Management
Bachelor of Business Administration	20BB351	Marketing Analytics
Bachelor of Business Administration	20BB352	Tourism Marketing
Bachelor of Business Administration	20BB336	Fundamentals of Financial Derivatives
Bachelor of Business Administration	20BB337	Strategic Financial Management
Bachelor of Business Administration	20BB338	Corporate Restructuring
Bachelor of Business Administration	20BB339	Foreign Exchange and Risk Management
Bachelor of Business Administration	20BB340	Commodities Market
Bachelor of Business Administration	20BB341	Performance and Compensation Management

Bachelor of Business Administration	20BB342	Strategic and International HRM
Bachelor of Business Administration	20BB343	HR Analytics and Metrics
Bachelor of Business Administration	20BB344	Organizational Development Change
Bachelor of Business Administration	20BB345	Leadership and People Management
Bachelor of Business Administration	20BB353	Innovation and New Product Development
Bachelor of Business Administration	20BB354	Competitive Manufacturing Management
Bachelor of Business Administration	20BB355	Predictive Analytics for Managers
Bachelor of Business Administration	22MS501	Principles of Management and Organizational Behavior
Bachelor of Business Administration	22MS502	Managerial Economics
Bachelor of Business Administration	22MS503	Accounting for Managers
Bachelor of Business Administration	22MS504	Business Statistics and Analytics for Decision Making (BSAD)
Bachelor of Business Administration	22MS505	Legal Environment for Business
Bachelor of Business Administration	22MS506	Business Environment
Bachelor of Business Administration	22MS507	Essential Skills for Managers
Bachelor of Business Administration	22MS508	Analytical Skills for Managers
Bachelor of Business Administration	22MS509	Marketing Management
Master of Business Administration	22MS510	Corporate Finance
Master of Business Administration	22MS511	Human Resource Management
Master of Business Administration	22MS512	Operations Management
Master of Business Administration	22MS513	Business Research Methods
Master of Business Administration	22MS514	Operations Research
Master of Business Administration	22MS516	Business Communication-Lab
Master of Business Administration	22MS517	Business Analytics Tools Lab
Master of Business Administration	22MB201	Corporate Strategy
Master of Business Administration	21MB203	Entrepreneurship and Business Plan
Master of Business Administration	21MB207	Marketing Research
Master of Business Administration	21MB211	Consumer Behavior
Master of Business Administration	21MB215	Tourism Marketing
Master of Business Administration	21MB217	Investment Analysis & Portfolio Management
Master of Business Administration	21MB219	International Financial Management
Master of Business Administration	21MB221	Management of Financial Services
Master of Business Administration	21MB223	Project Finance
Master of Business Administration	21MB225	Strategic Cost Management and Decision Making

Master of Business Administration	21MB227	Industrial Relations & Labour Laws
Master of Business Administration	21MB229	Talent Planning and Acquisition
Master of Business Administration	21MB231	Talent Management and Succession Planning
Master of Business Administration	21MB233	Learning & Development
Master of Business Administration	21MB235	Strategic and International HRM
Master of Business Administration	21MB237	Service Management
Master of Business Administration	21MB239	Supply Chain Management
Master of Business Administration	21MB241	Introduction to Business Analytics
Master of Business Administration	21MB243	Productivity Improvement and Cost Control
Master of Business Administration	21MB245	Operations Strategy
Master of Business Administration	21MB247	Statistics Using R Programme
Master of Business Administration	21MB249	Marketing Research and Analytics
Master of Business Administration	21MB251	Data Visualization using Tableau
Master of Business Administration	21MB253	Machine Learning
Master of Business Administration	21MB204	Project Management
Master of Business Administration	21MB202	International Business
Master of Business Administration	21MB208	Advertising and Brand Management
Master of Business Administration	21MB210	Services Marketing
Master of Business Administration	21MB212	Digital Marketing
Master of Business Administration	21MB214	International Marketing
Master of Business Administration	21MB216	Strategic Management
Master of Business Administration	21MB218	Financial Derivatives
Master of Business Administration	21MB220	Mergers and Acquisitions
Master of Business Administration	21MB222	Strategic Financial Management
Master of Business Administration	21MB224	Risk Management
Master of Business Administration	21MB226	Compensation and Reward System
Master of Business Administration	21MB228	HR Analytics & Metrics
Master of Business Administration	21MB230	Organization Development & Change
Master of Business Administration	21MB232	Industrial and Organizational Psychology
Master of Business Administration	21MB234	Leadership and People Management
Master of Business Administration	21MB236	Innovation & Product Development
Master of Business Administration	21MB238	Competitive Manufacturing Management
Master of Business Administration	21MB240	Multivariate Analysis
Master of Business Administration	21MB242	Technology Management
Master of Business Administration	21MB244	Predictive Analytics
Master of Business Administration	21MB246	Python For Data Analytics
Master of Business Administration	21MB248	Financial Analytics
Master of Business Administration	21MB250	HR Analytics
Master of Business Administration	21MB257	Management Thesis
B.Tech-Bioinformatics	22BI202	Biological Databases
B.Tech-Bioinformatics	22BI201	Algorithms in Bioinformatics
B.Tech-Bioinformatics	22BI204	Structural Bioinformatics and Instrumental Techniques

B.Tech-Bioinformatics	19BI401	Structural Bioinformatics
B.Tech-Bioinformatics	19BI431	Systems Biology
B.Tech-Biotechnology	22BT303	Heat and Mass Transfer
B.Tech-Biotechnology	22BT827	Python Programming for Biological Sciences
B.Tech-Biotechnology	22BT102	Good Laboratory Practices
B.Tech-Biotechnology	22BT202	Chemical Engineering Principles in Biotechnology
B.Tech-Biotechnology	22BT204	Bioanalytical Techniques
B.Tech-Biotechnology	22BT205	Industrial Biotechnology
B.Tech-Biotechnology	19BT401	Bioinformatics
B.Tech-Biotechnology	19BT402	Genomics, Proteomics & Metabolomics
B.Tech-Biotechnology	19BT403	Immunology &Immunoinformatics
B.Tech-Biotechnology	19BT432	Phase Display
B.Tech-Biotechnology	19BT433	Medicinal Plants & Ethnobotany
B.Tech-Biotechnology	19BT435	DNA Barcoding For Conservation Strategy
B.Tech-Biotechnology	19BT438	Algorithms In Bioinformatics
B.Sc (Hons.)-Agriculture	22AGRO101	Agricultural Heritage
B.Sc (Hons.)-Agriculture	22AGRO102	Fundamentals of Agronomy
B.Sc (Hons.)-Agriculture	22BICM101	Fundamentals of Plant Biochemistry and Biotechnology
B.Sc (Hons.)-Agriculture	22ENGL101	Comprehension and Communication Skills in English
B.Sc (Hons.)-Agriculture	22CPHY161	Introductory Biology
B.Sc (Hons.)-Agriculture	22SMCA101	Elementary Mathematics
B.Sc (Hons.)-Agriculture	22ENTO131	Fundamentals of Entomology I (Insect Morphology and Taxonomy
B.Sc (Hons.)-Agriculture	22AECO141	Fundamentals of Economics
B.Sc (Hons.)-Agriculture	22HORT181	Fundamentals of Horticulture
B.Sc (Hons.)-Agriculture	22AEXT 190	Human Values and Ethics
B.Sc (Hons.)-Agriculture	22AEXT191	Rural Sociology and Educational Psychology
B.Sc (Hons.)-Agriculture	22COCA 100	NSS/NCC/Physical Education and Yoga Practices
B.Sc (Hons.)-Agriculture	22AMBE101	Agricultural Microbiology
B.Sc (Hons.)-Agriculture	22AGRO103	Introductory Agro meteorology and Climate Change
B.Sc (Hons.)-Agriculture	22AGRO104	Introduction to Forestry
B.Sc (Hons.)-Agriculture	22SMCA102	Agriculture Informatics
B.Sc (Hons.)-Agriculture	22GPBR111	Fundamentals of Genetics
B.Sc (Hons.)-Agriculture	22SSAC121	Fundamentals of Soil Science
B.Sc (Hons.)-Agriculture	22AENG151	Soil and Water Conservation Engineering
B.Sc (Hons.)-Agriculture	22CPHY162	Fundamentals of Crop Physiology
B.Sc (Hons.)-Agriculture	22PATH171	Fundamentals of Plant Pathology I
B.Sc (Hons.)-Agriculture	22HORT182	Production Technology of Fruits and Plantation Crops
B.Sc (Hons.)-Agriculture	22COCA101	Education Tour

B.Sc (Hons.)-Agriculture	22AGRO201	Crop Production Technology - I (Cereals, Millets and Pulses)
B.Sc (Hons.)-Agriculture	22GPBR211	Fundamentals of Plant Breeding
B.Sc (Hons.)-Agriculture	22ENTO231	Fundamentals of Entomology II (Insect Ecology and Concepts of IPM)
B.Sc (Hons.)-Agriculture	22AECO241	Agricultural Finance and Co operation
B.Sc (Hons.)-Agriculture	22AENG251	Farm Machinery and Power
B.Sc (Hons.)-Agriculture	22CPHY261	Eco - physiology
B.Sc (Hons.)-Agriculture	22PATH271	Fundamentals of Plant Pathology II (Plant Pathology Principles)
B.Sc (Hons.)-Agriculture	22HORT281	Production Technology for Vegetables and Spices
B.Sc (Hons.)-Agriculture	22AEXT291	Fundamentals of Agricultural Extension
B.Sc (Hons.)-Agriculture	22AB201	Python Programming
B.Sc (Hons.)-Agriculture	22SMCA201	Statistical Methods
B.Sc (Hons.)-Agriculture	22AGRO202	Crop Production Technology II (Oilseeds, Fibre, Sugar, Tobacco & Fodder crops)
B.Sc (Hons.)-Agriculture	22AGRO203	Farming Systems and Sustainable Agriculture
B.Sc (Hons.)-Agriculture	22AGRO204	Irrigation Water Management
B.Sc (Hons.)-Agriculture	22LSPM201	Live stock and Poultry Management
B.Sc (Hons.)-Agriculture	22SSAC221	Manures, Fertilizers and Soil Fertility Management
B.Sc (Hons.)-Agriculture	22AECO242	Agricultural Marketing, Trade and Prices
B.Sc (Hons.)-Agriculture	22AENG252	Renewable Energy and Green Technology
B.Sc (Hons.)-Agriculture	22HORT282	Production Technology for Ornamental Crops, Medicinal and Aromatic Plants and Landscaping
B.Sc (Hons.)-Agriculture	22AEXT292	Entrepreneurship Development and Business Communication
B.Sc (Hons.)-Agriculture	22AB202	Statistical Methods with Data Visualization
B.Sc (Hons.)-Agriculture	22ELCT222	Soil, Plant, Water And Seed Testing
B.Sc (Hons.)-Agriculture	22ELCT272	Food Safety Issues
B.Sc (Hons.)-Agriculture	22ELCT283	Hl Tech. Horticulture
B.Sc (Hons.)-Agriculture	22ELCT284	Soilless farming
B.Tech-Mechanical Engineering	22ME103	IT Workshop and Mechanical Engineering Products
B.Tech-Mechanical Engineering	22ME201	Materials Science and Metallurgy
B.Tech-Mechanical Engineering	22ME202	Strength of Materials
B.Tech-Mechanical Engineering	22ME203	Engineering Thermodynamics
B.Tech-Mechanical Engineering	22ME206	Fluid Mechanics and Hydraulic Machines
B.Tech-Mechanical Engineering	22ME204	Analysis of Mechanisms and Machines
B.Tech-Mechanical Engineering	22ME205	Manufacturing Sciences
B.Tech-Mechanical Engineering	22ME852	Operations research for engineers
B.Tech-Mechanical Engineering	19ME401	Operations Research
B.Tech-Mechanical Engineering	19ME402	Robotics
B.Tech-Mechanical Engineering	19ME403	Industrial Engineering & Production Management

B.Tech-Mechanical Engineering	19ME431	Composite Materials Technology
B.Tech-Mechanical Engineering	19ME434	Refrigeration & Air-Conditioning
B.Tech-Mechanical Engineering	19ME437	Nano Technology
B.Tech. CSE - Artificial Intelligence and Machine Learning	22CS104	Python Programming
B.Tech. CSE - Artificial Intelligence and Machine Learning	22AM201	Artificial Intelligence
B.Tech. CSE - Artificial Intelligence and Machine Learning	22AM202	Digital Logic And Computer Organization
B.Tech. CSE - Artificial Intelligence and Machine Learning	22CS201	Database Management Systems
B.Tech. CSE - Artificial Intelligence and Machine Learning	22AM203	Design And Analysis Of Algorithms
B.Tech. CSE - Artificial Intelligence and Machine Learning	22AM204	Machine Learning
B.Tech. CSE - Artificial Intelligence and Machine Learning	22CS203	Object Oriented Programming Through Java
B.Tech. CSE - Artificial Intelligence and Machine Learning	22CS207	Operating Systems
B.Tech. CSE - Cyber Security	22CS103	It Workshop And Tools
B.Tech. CSE - Cyber Security	22TP103	Programming In C
B.Tech. CSE - Cyber Security	22CS204	Computer Networks
B.Tech. CSE - Cyber Security	22CS206	Design And Analysis Of Algorithms
B.Tech. CSE - Cyber Security	22CY201	Cyber Security And Cyber Laws
B.Tech- CSE - Computer Science and Business Systems	22CS102	Fundamentals of Computer Science-I
B.Tech- CSE - Computer Science and Business Systems	22CS101	Data Structures & Algorithms
B.Tech- CSE - Computer Science and Business Systems	21CB212	Computer Organization and Architecture
B.Tech- CSE - Computer Science and Business Systems	21CB213	Object Oriented Programming
B.Tech- CSE - Computer Science and Business Systems	21CB211	Formal Languages & Automata Theory
B.Tech- CSE - Computer Science and Business Systems	21CB215	Software Engineering
B.Tech- CSE - Computer Science and Business Systems	21CB223	Design and Analysis of Algorithms
B.Tech- CSE - Computer Science and Business Systems	21CB221	Operating Systems
B.Tech- CSE - Computer Science and Business Systems	21CB222	Database Systems

B.Tech- CSE - Computer Science and Business Systems	21CB224	Operations Research
B.Tech-Agriculture Engineering	22BEAS102	Physics for Agricultural Engineers
B.Tech-Agriculture Engineering	22BEAS103	Chemistry for Agricultural Engineers
B.Tech-Agriculture Engineering	22BEAS104	Principles of Agronomy
B.Tech-Agriculture Engineering	22BEAS106	Engineering Mechanics
B.Tech-Agriculture Engineering	22BEAS107	Engineering Drawing
B.Tech-Agriculture Engineering	22BEAS108	Communication Skills and Personality Development
B.Tech-Agriculture Engineering	22BEAS109	Workshop Technology and Practices
B.Tech-Agriculture Engineering	22BEAS110	Advanced Calculus and Partial Differential Equations
B.Tech-Agriculture Engineering	22BEAS111	Surveying and Levelling
B.Tech-Agriculture Engineering	22BEAS112	Fluid Mechanics and Open Channel Hydraulics
B.Tech-Agriculture Engineering	22BEAS113	Principles of Soil Science
B.Tech-Agriculture Engineering	22BEAS114	Computer Programing and Data Structures
B.Tech-Agriculture Engineering	22BEAS115	Applied Electronics and Instrumentation
B.Tech-Agriculture Engineering	22BEAS116	Strength of Materials
B.Tech-Agriculture Engineering	22BEAS202	Principles of Horticultural Crops and Plant Protection
B.Tech-Agriculture Engineering	22BEAS203	Heat and Mass Transfer
B.Tech-Agriculture Engineering	22BEAS204	Soil Mechanics
B.Tech-Agriculture Engineering	22BEAS205	Theory of Machines
B.Tech-Agriculture Engineering	22BEAS206	Electrical Machines and Power Utilization
B.Tech-Agriculture Engineering	22BEAS207	Entrepreneurship Development and Business Management
B.Tech-Agriculture Engineering	22BEAS208	Thermodynamics, Refrigeration and Air Conditioning
B.Tech-Agriculture Engineering	22BEAS209	AutoCAD Applications
B.Tech-Agriculture Engineering	22BEAS210	Machine Design
B.Tech-Agriculture Engineering	19AG401	Internship
B.Tech-Agriculture Engineering	19AG411	Project
B.Tech-Agriculture Engineering	19AG436HD	Photovoltaic Technology & Systems
B.Tech-Agriculture Engineering	19AG438	Precision Farming Techniques For Protected Cultivation
B.Tech-Agriculture Engineering	19AG440	Wasteland Development
B.Tech-Agriculture Engineering	19AG451	Process Equipment Design