

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years (10)

1.2.1: Number of new courses introduced of the total number of courses across all programs offered during the last five years (20).

Name of the Programme	Name of the Course	Course Code	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of Introduction
B.E. Civil Engineering	English for Cognizance	U17ENI1201	Skill development -The course will help the candidates to enhance their language proficiency by providing a platform to hone their language skills like Listening, Speaking, Reading and Writing along with basic grammar knowledge.	2017
B.E. Civil Engineering	Language Elective (English for Placement Purposes, English for Research Purposes, English for Competitive Exams)	U17ENP2501, U17ENP2502, U17ENP2503	Skill Development - The course will help the students to enhance their presentation skills, critical thinking and leadership skills and will enable them to perform better in competitive exams.	2017
B.E. Civil Engineering	Material Science for Civil Engineering	U17PHT2003	Employability - This course contents will help students to understand and apply the properties of various materials towards application in their respective domain	2017
B.E. Civil Engineering	Building Construction and Services	U17CEI3004	Employability - gain knowledge in various building materials and construction techniques	2017
B.E. Civil Engineering	Structural Analysis	U17CET5104	Skill development -knowledge on analysing structures with design process of forced end condntions of various structures	2017
B.E. Civil Engineering	Environmental Engineering	U17CEI5201	Employability - To learn the various unit process and operation of water and wastewater and understand the water distribution networks and plumbing system	2017
B.E. Civil Engineering	Remote Sensing and Geographic Information Systems	U17CEI5202	Employability - student should have knowledge on concepts and applications leading to modelling of earth resources management using remote sensing and acquire skills in storing, managing digital data for planning and development skills in advance techniques for mapping, modelling and monitoring.	2017
B.E. Civil Engineering	Project Phase-I	U17CEP7703	Employability- Application of core knowledge in doing projects helps in various phases of construction projects	2017
B.E. Civil Engineering	Project Phase -II	U17CEP8701	Skill development - Various innovative technologies adopted in doing project works helps in skill development in software and drafting tools	2017
B.E. Civil Engineering	Surface water Hydrology	U17CEE0005	Skill Development - Introduce the Concept of Hydrological Cycle and its Components / Parameters of the System and Impart the Concepts of Hydrograph ,Learn the Impacts of Urbanization on Water Cycle	2017
B.E. Civil Engineering	Air and Noise Pollution Control	U17CEE0006	Skill development - gain knowledge about air pollution and its preventive measure , Know about the standards for air quality and Noise quality and Understand about noise pollution and its preventive measure	2017
B.E. Civil Engineering	Industrial Wastewater Treatment	U17CEE0013	Employability - The industrial treatment process and case studies enrich the students to have field experience and industrial employability	2017

B.E. Civil Engineering	Climate change and Sustainable Management	U17CEE0014	Skill Development - Understand the earth climate system and drivers responsible for changes in the climate system and recognize the causes and effects of climate change at the atmospheric and earth levels	2017
B.E. Civil Engineering	Intelligent Transportation Systems	U17CEE0008	Skill Development - Know about the various functional areas of ITS and Acquire the knowledge of management and automation of traffic systems	2017
B.E. Civil Engineering	Sustainable Construction Methods	U17CEE0009	Employability - understand the latest construction techniques applied to engineering construction for sub structure, super structure, special structures	2017
B.E. Civil Engineering	Building information Management	U17CEE0016	Employability - BIM has present industry demands this increases the chances of employability	2017
B.E. Civil Engineering	Mass Transit Management	U17CEE0017	Skill Development - Makes to understand strategic planning management, labor relations, maintenance planning and administration, and fare policy, and management information and decision support systems	2017
B.E. Civil Engineering	Pre-engineered Buildings	U17CEO0004	Employability- to understand the concepts of Pre-engineered Buildings	2017
B.E. Civil Engineering	Metro Systems and Engineering	U17CEO0005	Employability- To understand Metro Systems and Engineering	2017
B.E. Civil Engineering	Social Immersion Project	U17ISP2001	Employability/ Skill development- To solve social related problems by interdisciplinary domains	2017
B.E. Civil Engineering	Engineering Clinic I	U17INI3600	Skill deveopment- this course helps the students to understand and apply open source tools	2017
B.E. Civil Engineering	Engineering Clinic II	U17INI4600	Skill development - Course helps to learn the fundamental concepts in IoT	2017
B.E. Civil Engineering	Engineering Clinic III	U17INI5600	Skill Development – This course deals with design/analysis/simulation/fabrication of product /process/system which would enable the students to improve the product development skills in real time	2017
B.E. Civil Engineering	Engineering Clinic IV	U17INI6600	Skill Development – This course deals with design/analysis/simulation/fabrication of product /process/system which would enable the students to improve the product development skills in real time	2017
B.E. Civil Engineering	Personal Values	U17VEP1501	Skill development- This content will provide insights into personal values	2017
B.E. Civil Engineering	Inter-Personal values	U17VEP2502	Skill development- This content will provide insights into interpersonal values	2017
B.E. Civil Engineering	Family Values	U17VEP3503	Skill development- This content will provide insights into family values	2017
B.E. Civil Engineering	Professional Values	U17VEP4504	Skill development- This content will provide insights into pefessional values	2017
B.E. Civil Engineering	Social Values	U17VEP5505	Skill development- This content will provide insights into social values	2017
B.E. Civil Engineering	National Values	U17VEP6506	Skill development- This content will provide insights into National values	2017
B.E. Civil Engineering	Global Values	U17VEP7507	Skill development- This content will provide insights into global values	2017
B.E. Civil Engineering	Constitution of India	U17INT6000	Skill development- This content will help the students to understand legislation and laws	2017

B.E. Mechanical Engineering	Physics for Mechanical Engineering	U17PHT1009	Employability - The course contents will provide insights about physics concepts applicable in various mechanical engineering aspects	2017
B.E. Mechanical Engineering	Chemistry for Mechanical Engineering	U17CHT1007	Employability - Content in the syllabus will help to Integrate the chemical principles in the projects undertaken in field of Materials engineering	2017
B.E. Mechanical Engineering	Material Science for Mechanical Engineering	U17PHT2007	Employability - This course contents will help students to understand and apply the properties of various materials towards application in their respective domain	2017
B.E. Mechanical Engineering	Metal Cutting and Computer Aided Manufacturing	U17MEI3201	Employability- Through this course students can enhance the various operating and constructing mechanisms of different types of machine tools and computer controlled manufacturing processes which are used in Production process of mechanical product.	2017
B.E. Mechanical Engineering	Geometric Modeling and CAD	U17MEI4203	Employability- Students will be able to model components and draft using software which will help in the manufacturing process	2017
B.E. Mechanical Engineering	Applied Materials Engineering	U17MET4004	Employability- this course will enhance the students in Applications of the different materials in engineering components and develop their skills in the analysing of materials.	2017
B.E. Mechanical Engineering	Mini Project/ Phase I Project	U17MEP7703	Skill Development – This course deals with design/analysis/simulation/fabrication of product /process/system which would enable the students to to improve the product development skills in real time	2017
B.E. Mechanical Engineering	Capstone Project/Internship/Phase II project	U17MEP8701	Entrepreneurship/ skill development/Employability- Students can apply the concepts learned to solve real world problems.	2017
B.E. Mechanical Engineering	Design of Heat Exchangers	U17MEE0008	Employability- Concepts and methods of heat exchanger design through codes and its applications will enable the students to perform better as an engineer during their employability	2017
B.E. Mechanical Engineering	Design of Thermal Systems	U17MEE0007	Employability-To understand the design of thermal systems.	2017
B.E. Mechanical Engineering	Additive Manufacturing	U17MEE0009	Employability- The understanding of various modern machining processes leads to selection and application of appropriate process for specific manufacturing needs	2017
B.E. Mechanical Engineering	Industrial Safety	U17MEE0015	Entrepreneurship/ Employability-The knowledge gained by this course would help in designing safety aspects with respect to industrial environment	2017
B.E. Mechanical Engineering	Social Immersion Project	U17ISR2001	Employability/ Skill development- To solve social related problems by interdisciplinary domains	2017
B.E. Mechanical Engineering	Professional Communication	U17INT7000	Employability,Skill Development- skill for employability	2017
B.E. Electrical and Electronics Engineering	Chemistry for Electrical Engineering	U17CHT1005	Employability - Content in the syllabus will help to Integrate the chemical principles in the projects undertaken in field of engineering and technology	2017

B.E. Electrical and Electronics Engineering	Digital Signal Processing	U17EET4004	Employability -Provide knowledge on basic concepts of signal and system, filter design analog and digital , hence students able to get jobs in design industry	2017
B.E. Electrical and Electronics Engineering	PLC Automation	U17EEI4205	Employability- Provides knowledge in PLC Automation, hence student to get employment in core industry	2017
B.E. Electrical and Electronics Engineering	Internship	U17EEP5706	Skill development -provide practical skill set in live industry hence e students able to upgrade their skills.	2017
B.E. Electrical and Electronics Engineering	Special Electrical Machines	U17EET7001	Employability -provide knowledge on concepts of various spectral electric motors, hence students able to utlize various application s	2017
B.E. Electrical and Electronics Engineering	Project Phase I	U17EEP7702	Skill development - provide skills to develop any product through simulation tools	2017
B.E. Electrical and Electronics Engineering	Project Phase II	U17EEP8701	Skill development - provide skills to develop any product through simulation tools and implement as prototype	2017
B.E. Electrical and Electronics Engineering	Electrical Energy Utilization and Conservation	U17EEE0002	Skill development -Provide skill on electrical energy utlization and conservation and design of lighting system hence students able to get job in core industry.	2017
B.E. Electrical and Electronics Engineering	Internet of Things	U17EEE0008	Employability -Provide knowledge on cloud base device control through embedded toold - design - simulate and implementation hence students able to get job in core industry	2017
B.E. Electrical and Electronics Engineering	Electric Vehicle Technology	U17EEE0013	Employability -provide knowledge on concepts of various power converters and special electric motors for EV , hence students able to get employability in EV sector	2017
B.E. Electrical and Electronics Engineering	Electrical safety and Energy Management	U17EEE0014	Employability -Provide knowledge on electrical safety and energy management hence students able to get job in energy conservation sectorpower sector	2017
B.E. Electrical and Electronics Engineering	ELECTRICAL WIRING, ESTIMATION AND COSTING	U17EE00002	Employability-This course will enhance concept of electrical wiring drawing and estimation and costing of wiring. students get jobs in distribution and errection sector.	2017
B.E. Electrical and Electronics Engineering	MATLAB FOR ENGINEERING APPLICATIONS	U17EE00003	Employability-This course will enhance need for MAT Lab for electrical engineers for design and simulation of concepts students get jobs in design industry.	2017
B.E. Electronics and Communication Engineering	Differential Equations and Vector Calculus	U17MAT1104	Employability - This course will help the students to model the real life problems	2017
B.E. Electronics and Communication Engineering	Advanced Calculus and Transforms	U17MAT2104	Employability - This course will help the students to model the real life problems	2017
B.E. Electronics and Communication Engineering	Electrical Machines and Drives	U17EET2011	Employability -Provides knowledge on concepts of various electric machines and drives to apply on various applications	2017

B.E. Electronics and Communication Engineering	Probability and Random Processes	U17MAT4103	Skill development - This subject enables the student to learn the fundamental of statistics and use the knowledge in building analytics based solutions.	2017
B.E. Electronics and Communication Engineering	RF and Microwave Engineering	U17ECI6202	Employability - Provides an opportunity to design and analyse microwave systems in industry	2017
B.E. Electronics and Communication Engineering	Project Phase I	U17ECP7701	Skill development- Develop skills on research and new product development	2017
B.E. Electronics and Communication Engineering	Project Phase II	U17ECP8701	Skill development- Develop skills on research and new product development	2017
B.E. Electronics and Communication Engineering	MIMO systems	U17ECE0003	Employability - Provides an opportunity to design and analyse MIMO systems in industry	2017
B.E. Electronics and Communication Engineering	Biomedical Signal Processing	U17ECE0013	Employability - Enables students to apply the fundamental concepts of signal processing for EEG, ECG, EMG and so on.	2017
B.E. Electronics and Communication Engineering	Machine Learning	U17ECE0014	Employability - Provides an opportunity to design and develop various machine learning algorithms for real-time applications.	2017
B.E. Electronics and Communication Engineering	Adhoc wireless networks.	U17ECE0021	Employability - Provides an opportunity to design and analyse wireless systems in industry	2017
B.E. Electronics and Communication Engineering	High speed networks.	U17ECE0022	Employability - Students can develop and test high speed networks in communication industry	2017
B.E. Electronics and Communication Engineering	Wireless system and standards	U17ECE0024	Employability - Enables students to design various wireless communication modules in communication industry	2017
B.E. Electronics and Communication Engineering	Graph theory and its applications.	U17ECE0025	Employability - Provides an opportunity to apply and analyse graph theory for various applications in industry	2017
B.E. Electronics and Communication Engineering	RF MEMS	U17ECE0031	Employability - Provides an opportunity to design and develop RF MEMS for various applications in industry	2017
B.E. Electronics and Communication Engineering	Electromagnetic Interference and Compatibility	U17ECE0033	Employability - Gives the ability to analyse various electric and magnetic fields with respect to Electromagnetic Interference and Compatibility	2017

B.E. Electronics and Communication Engineering	Computational Electromagnetics	U17ECE0034	Employability - Gives the ability to analyse computational Electromagnetics and use it for various applications	2017
B.E. Electronics and Communication Engineering	Industrial Robotics	U17ECE0051	Employability - Students can design and test robotics modules in automation industry	2017
B.E. Electronics and Communication Engineering	Industrial Automation	U17ECE0052	Employability - Provides an opportunity to design and develop automated systems for various applications in industry	2017
B.E. Electronics and Communication Engineering	Real time Embedded Systems	U17ECE0054	Employability -This course helps to Design real-time communication interface and Apply protocols for device driver requirements	2017
B.E. Electronics and Communication Engineering	Urban Mining and Electronic Resource from E-Waste	U17ECC0006	Employability - Provides an opportunity to apply Urban Mining and Electronic Resource from E-Waste	2017
B.E. Electronics and Communication Engineering	Advanced Mobile Technology: NFV, LTE & 5G	U17ECO0003	Employability - Provides an opportunity to design and LTE and 5G communication modules for communication applications	2017
B.E. Electronics and Communication Engineering	CCNA-A Positive Approach	U17ECO0004	Employability -This course helps to develop efficient networking model using CCNA concepts	2017
B.E. Computer Science and Engineering	Matrices and Calculus	U17MAI1201	Employability - This course will help the students to model the real life problems	2017
B.E. Computer Science and Engineering	Physics for Computer Engineering	U17PHI1205	Skill development-Students gain the fundamental Knowledge on physics concepts applied to computer Science	2017
B.E. Computer Science and Engineering	Vector Calculus and Transforms	U17MAI2201	Employability - This course will help the students to model the real life problems	2017
B.E. Computer Science and Engineering	CAD/Graphics Tools	U17CSP2504	Skill development-Students gain the fundamental skill on CAD and graphics tools	2017
B.E. Computer Science and Engineering	Problem Solving and Programming	U17CSI1201	Employability-Student learn the fundamental problem solving strategies using Python	2017
B.E. Computer Science and Engineering	Object Oriented Programming	U17CSI3202	Employability - Students learn OOP concepts and implement the same	2017
B.E. Computer Science and Engineering	Probability and Statistics	U17MAI4201	Skill development - This subject enables the student to learn the fundamental of statistics and use the knowledge in building analytics based solutions.	2017
B.E. Computer Science and Engineering	Agile Software Development	U17CST5002	Skill development - Students could build tools using agile principles and test the same	2017
B.E. Computer Science and Engineering	No SQL Databases	U17CSI5203	Skill development - Course enable students to outline fundamental concepts in NOSQL database	2017

B.E. Computer Science and Engineering	Social Media Marketing	U17CST5004	Skill development - Identify and describe the different social media services, tools, and platforms	2017
B.E. Computer Science and Engineering	Internet and Web Programming	U17CSI6201	Skill development - Students could design and develop websites and documents using HTML and XML	2017
B.E. Computer Science and Engineering	Data Warehousing and Data Mining	U17CSI6203	Skill development - Students could design and deploy appropriate Classification/ Clustering techniques for various problems with high dimensional data using modern tools.	2017
B.E. Computer Science and Engineering	Cloud Computing	U17CSI7201	Skill development - Course enable to design web application in public cloud environment	2017
B.E. Computer Science and Engineering	Software Testing	U17CST7003	Skill development - Students could apply software testing fundamentals and testing design strategies to enhance software quality	2017
B.E. Computer Science and Engineering	Project Phase-I	U17CSP7704	Skill development - Course makes students to define a problem statement, prepare requirement and design document, implement and evaluate the result	2017
B.E. Computer Science and Engineering	Project Phase-II	U17CSP8701	Skill development - course enables to analyze, develop, evaluate, interpret and justify the experimental results	2017
B.E. Computer Science and Engineering	Big Data Technologies	U17CSE0001	Skill development - Identify and develop Big Data Solutions using Hadoop Eco System	2017
B.E. Computer Science and Engineering	Graphics and Multimedia	U17CSE0009	Skill development - illustrate and summarize various graphics modeling techniques	2017
B.E. Computer Science and Engineering	Block chain technology and applications	U17CSE0014	Skill development - Develop private blockchain environment and a smart contract on ethereum	2017
B.E. Computer Science and Engineering	Information Security	U17CSE0010	Skill development - course helps to select the appropriate security techniques to prevent and detect security breaches	2017
B.E. Computer Science and Engineering	Declarative Development of Customized Applications	U17CSE0011	Skill development - makes students to Design and manage the correct data model based on business requirements.	2017
B.E. Computer Science and Engineering	ADX -201 Salesforce Administrator	U17CSE0013	Skill development-Student understand admin essentials in Lightning Experience	2017
B.E. Computer Science and Engineering	IoT Architecture and Protocols	U17CSE0004	Skill development-Students build applications of IoT in real time scenario.	2017
B.E. Computer Science and Engineering	Software Defined Networks	U17CSE0006	Skill development-Students can develop various applications of SDN	2017
B.E. Computer Science and Engineering	Data Visualization	U17CSE0002	Skill development - illustrate and summarize various visulaization techniques	2017
B.E. Computer Science and Engineering	Database Application Development using Open Source Technologies	U17CSO0203	Skill development-Enables students to develop database applications using any open source technologies	2017
B.E. Computer Science and Engineering	Web Programming with XML	U17CSO0204	Skill development-Course enables students to design web pages using XML	2017
B.E. Computer Science and Engineering	Web Design	U17CSO0005	Skill development-Course enables students to design web pages	2017

B.Tech. Textile Technology	Constitution of India	U17INT5000	Skill development- This content will help the students to understand legislation and laws	2017
B.Tech. Textile Technology	Algebra and Calculus	U17MAT1105	Employability - This course will help the students to model the real life problems	2017
B.Tech. Textile Technology	Polymer Chemistry	U17CHT1009	Employability - Content in the syllabus will help to Integrate the chemical principles in the projects undertaken in field of Textile industry	2017
B.Tech. Textile Technology	Statistical Analysis and Application Laboratory	U17MAP2501	Employability-To understand and apply statistical tools for problem solving.	2017
B.Tech. Textile Technology	Introduction to textile	U17TXT2201	Employability-Gives basic knowledge on textiles which lays a platform for the student foe employment in textile industry	2017
B.Tech. Textile Technology	Measurements and Instrumentation	U17EII3203	Employability - The course helps to understand the working and applications of sensors used in textile industry.	2017
B.Tech. Textile Technology	Computer Applications in Textiles	U17TXI3203	Employability- Provides knowledge on computer application and helps in employability in textile mill	2017
B.Tech. Textile Technology	Basics of Mechanical Engineering	U17MET4007	Employability- The fundamentals and application of Mechanical Engineering concepts drive the students as an Mechanical Engineer .	2017
B.Tech. Textile Technology	Fabric Manufacture-II	U17TXI5201	Employability- Gives knowledge on fabric manufacturing and it useful for employment in weaving industry	2017
B.Tech. Textile Technology	Textile and Apparel Quality Evaluation	U17TXT6003	Employability- Provides knowledge in textile testing and helpful for student getting employemny in txtile industry	2017
B.Tech. Textile Technology	Textile and Apparel Costing	U17TXT7003	Skill development- Imparts knowledge on costing in textiles	2017
B.Tech. Textile Technology	Project - Phase I	U17TXP7706	Skill development- Develop skill on new product development	2017
B.Tech. Textile Technology	Project- Phase II	U17TXP8701	Skill development- Develop skill on research and product development	2017
B.Tech. Textile Technology	Manufacture of Specialty Yarns and Fabrics	U17TXE0003	Employability: Provides knowledge on speciality yarns and fabrics which will be helpful for students to get employment in technical textile industry	2017
B.Tech. Textile Technology	Textile Mill Management	U17TXE0013	Skill Development- Improves managemnet skills	2017
B.Tech. Textile Technology	Nano and smart materials in Textiles	U17TXE0008	Skill development- Develop skill on new product development	2017
B.Tech. Textile Technology	Bio Polymers and Medical Textiles	U17TXE0010	Skill development- Develop skill on new product development	2017
B.Tech. Textile Technology	Entrepreneurship Development in Textiles	U17TXE0012	Skill development- Develop skill for entrepreneurship	2017
B.Tech. Information Technology	CAD/Graphic Tools	U17ITI2504	Skill development – to develop the skill by using CAD and graphic tools	2017
B.Tech. Information Technology	Digital Logic and Microprocessor	U17ITI2203	Employability- To understand and apply digital logic and microprocessor for problem solving.	2017
B.Tech. Information Technology	Principles of Communication	U17ECT3011	Employability - Gives the ability to design various communication modules in communication industry	2017
B.Tech. Information Technology	Object Oriented Programming	U17ITI3203	Skill development-The course will help the candidates to enhance their java programming language skills	2017



B.Tech. Information Technology	Data Structures and Algorithms – II	U17ITI4202	Employability-Enhancing the problem solving skills through the knowledge of data structures	2017
B.Tech. Information Technology	Data Mining Techniques	U17ITI5202	Employability-Applying data mining algorithms to solve real world problems	2017
B.Tech. Information Technology	Information Security	U17ITT6001	Skill development-Awareness about various information security related problems faced by industries	2017
B.Tech. Information Technology	Social Media Marketing	U17ITT7001	Entrepreneurship-Social Media Marketing techniques helps in enhancing enterprenur ship skills	2017
B.Tech. Information Technology	Cloud Computing	U17ITI7202	Skill development-Exposure to various platforms that helps in building cloud applications	2017
B.Tech. Information Technology	Machine Learning	U17ITI7203	Skill development-Applying machine learning algorithms to solve real world problems	2017
B.Tech. Information Technology	Project Work - Phase I	U17ITP7704	Skill development-The course helps the student an Ability to provide solutions for real world applications	2017
B.Tech. Information Technology	Project Work - Phase II	U17ITP8701	Skill development-The course helps the student an Ability to provide solutions for real world applications	2017
B.Tech. Information Technology	Artificial Intelligence	U17ITE0001	Employability -Learn techniques to build intelligent applications	2017
B.Tech. Information Technology	Deep Learning	U17ITE0002	Skill development-This course helps the student learn deep learning architectures to build intelligent applications	2017
B.Tech. Information Technology	Data Visualization	U17ITE0003	Employability -Dashboard design techniques helps in better decision making	2017
B.Tech. Information Technology	Web Application Security	U17ITE0005	Skill development-Helps in developing secured web applications	2017
B.Tech. Information Technology	Biometric Systems	U17ITE0006	Skill development-Exposure to the various advanced secure systems through human features	2017
B.Tech. Information Technology	Blockchain Technology	U17ITE0007	Skill development-Exposure to the advanced securirty systems	2017
B.Tech. Information Technology	Next Generation Networks	U17ITE0009	Skill development-Exposure to the various advanced cellular technologies	2017
B.Tech. Information Technology	Software Defined Networks	U17ITE0010	Skill development-Exposure to the network operations through software	2017
B.Tech. Information Technology	Graphics and Multimedia	U17ITE0013	Skill development-Developing multimedia based applications	2017
B.Tech. Information Technology	Partial Differential Equations and Transforms	U17MAE0101	Employability - This course will help the students to model the real life problems	2017
B.Tech. Information Technology	INTERNET OF THINGS	U17ITO0001	Skill development-Learning various IoT platforms to build smart applications	2017

B.Tech. Information Technology	GAME PLAYING AND DESIGNING	U17ITO0002	Skill development-The course helps the student to gain the knowledge for game playing and desgining	2017
B.Tech. Information Technology	BASIC SKILLS FOR OFFICE AUTOMATION	U17ITO0003	Skill development-The course helps the student to gain the knowledge basic skills for force automation	2017
B.Tech. Information Technology	COMPUTER MAINTENANCE	U17ITO0004	Skill development-The course helps the student to gain the knowledge about computer maintenance	2017
B.E. Mechatronics Engineering	Mechanics of solids	U17MCT3102	Entrepreneurship - These courses prepare students to calculate stress induced in Various types of beams during various loading condition	2017
B.E. Mechatronics Engineering	Electrical Machines	U17MCI3201	Employability - This course to prepare the students to analysis and test the performance of AC and DC motors	2017
B.E. Mechatronics Engineering	Manufacturing Technology	U17MCT2001	Entrepreneurship - This Course to prepare the students to apply knoweldge in various manufacturing process , machining process	2017
B.E. Mechatronics Engineering	Hydraulics and Pneumatics	U17MCI4201	Employability - This course prepare the students to apply the basic concepts of hydraulic and peumatic actuators for real time application	2017
B.E. Mechatronics Engineering	Theory of Machines	U17MCT4103	Entrepreneurship - This course enable the students to construct CAM profile and choose appropriate gear train for application	2017
B.E. Mechatronics Engineering	Autonomous Vehicle	U17MCT7001	Skill development - ability to develope the robot localization technics	2017
B.E. Mechatronics Engineering	Engineering Economics and Financial Management	U17MBT7001	Entrepreneurship - Apply the concepts of nation income and understand the functions of bank and globalization	2017
B.E. Mechatronics Engineering	Image Processing and Computer Vision	U17MCT7002	Skill development - Apply image enhancement technics in spatial and frequency domain	2017
B.E. Mechatronics Engineering	Project – Phase I	U17MCP7701	Skill development - able to design analysis simulate a physical system by using the technology in mechatronics area	2017
B.E. Mechatronics Engineering	Project – Phase II / Internship	U17MCP8701	Skill development - able to design analysis simulate a physical system by using the technology in mechatronics area	2017
B.E. Mechatronics Engineering	Condition Monitoring	U17MCE0002	Employability - This course eneble the students to implement condition monitoring techniques for real time application	2017
B.E. Mechatronics Engineering	Artificial Intelligence and Machine Learning	U17MCE0004	Skill development - Apply linear regression and logistic Regression machine learning system	2017
B.E. Mechatronics Engineering	Database Management System	U17MCE0005	Skill development - able to understand the transaction processing concurency control and NOSQL	2017
B.E. Mechatronics Engineering	Underwater Robotics	U17MCE0014	Skill development - Apply controller for dynamics aunderwater vehcles	2017
B.E. Mechatronics Engineering	Smart Manufacturing	U17MCE0007	Employability - able to illustrate the importance of lot in smart manufacturing	2017
B.E. Mechatronics Engineering	Statistical Quality Control	U17MCE0008	Employability - able to apply various techniques to improve the overall quality	2017

B.E. Mechatronics Engineering	Composite and Smart Materials	U17MCE0009	Employability - This course enable to analysis the various manufacturing process of composite material and smart material	2017
B.E. Mechatronics Engineering	Design for manufacturing and Assembly	U17MCE0012	Skill development - able to develop the skill in goodness of fit test simulation software packaging	2017
B.E. Mechatronics Engineering	Precision Manufacturing	U17MCE0013	Skill development - Able to apply this skill in unconventional machining and super finishing process	2017
B.E. Mechatronics Engineering	Automation in Agricuture	U17MCO0002	Employability - Able to apply robotics terminology and machine vision concepts	2017
B.E. Mechatronics Engineering	Mechanics in Criket	U17MCO0005	Employability - able to gain knowledge in mechanics of cricket	2017
B.E. Mechatronics Engineering	Low Cost Automation	U17MCO0006	Employability - able to design and apply the low cost automation techniques	2017
B.Tech. Fashion Technology	Algebra and Differential Equations	U17MAT1103	Skill development- to understand and apply algebra and differential equations for engineering problem analysis.	2017
B.Tech. Fashion Technology	Fiber Science	U17FTT1001	Employability- Exposure on different types of fibres, its properties and its uses	2017
B.Tech. Fashion Technology	Fibre Analytical Laboratory	U17FTP1501	Skill development- The course enables to know testing procedure and operate equipments to analyze the fibers	2017
B.Tech. Fashion Technology	Advanced Calculus and Numerical Methods	U17MAT2103	Employability - This course will help the students to model the real life problems	2017
B.Tech. Fashion Technology	Polymer Chemistry	U17CHT2009	Employability - Content in the syllabus will help to Integrate the chemical principles in the projects undertaken in field of engineering and technology and to Develop analytical proficiency through lab skill sets to demonstrate in professional practice.	2017
B.Tech. Fashion Technology	Yarn Technology	U17FTT2001	Employability- The course helps the students to understand yarn manufacturing techniques and quality of yarn produced by different different techniques	2017
B.Tech. Fashion Technology	Basic Electrical and Electronics Engineering	U17EEI3206	Skill development- Provides knowledge in basic electric circuits and devices its performances, hence students able to enhance their skills to get employment in core industry.	2017
B.Tech. Fashion Technology	Discrete Mathematics	U17MAT5102	Skill development-Course enables students to apply Maths for Computer Science	2017
B.Tech. Fashion Technology	Apparel Design and Development	U17FTI4202	Employability- The course helps the students to understand apparel designing techniques and its development process	2017
B.Tech. Fashion Technology	Industrial Engineering in Apparel Industry	U17FTT6003	Employability- The course enables the students to select machineries based on type of garment,calculate machinery requirement to for a particular order and time required to complete an order.	2017
B.Tech. Fashion Technology	Apparel Brand Management	U17FTT7001	Entrepreneurship- exposure on various techniques in promotion activities	2017
B.Tech. Fashion Technology	Apparel Retail Management	U17FTT7002	Skill development- Exposure on various retailing techniques followed in apaprel industry	2017

B.Tech. Fashion Technology	Portfolio Presentation II	U17FTP7503	Employability- The course enables the students to develop new designs based on particular theme and help to know practically various steps in design development from designing to product development	2017
B.Tech. Fashion Technology	Project Phase I	U17FTP7701	Skill development-Ability to provide solutions for real world applications	2017
B.Tech. Fashion Technology	Project Phase II	U17FTP8701	Skill development-Ability to provide solutions for real world applications	2017
B.Tech. Fashion Technology	Fashion Marketing	U17FTE0009	Employability- Develop skills on marketing techniques	2017
B.Tech. Fashion Technology	Social Compliance in Apparel Industry	U17FTE0010	Employability - The course helps to know various norms related to social compliance, and various safety measures required in apparel industry to attract buyers	2017
B.Tech. Fashion Technology	Fashion Boutique Management	U17FTE0004	Entrepreneurship- The course enables the student to understand the procedure for startup of boutique	2017
B.Tech. Fashion Technology	Apparel Product Development	U17FTE0001	Employability - The course helps to understand the steps in apparel product development	2017
B.Tech. Fashion Technology	Textile Arts and Crafts	U17FTO5202	Entrepreneurship- exposure on various techniques in arts and crafts	2017
B.Tech. Fashion Technology	Home Furnishing and Decoration for Beginners	U17FTO6003	Employability - The course helps to understand textile materials used in home and its property requirements	2017
B.Tech. Fashion Technology	Creative Art and Crafts	U17FTO6204	Entrepreneurship- exposure on various techniques in arts and crafts	2017
B.Tech. Fashion Technology	Constitution of India	U17IST4000	Skill development- This content will help the students to understand legislation and laws	2017
B.Tech. Bio-Technology	Basic Concepts of Chemistry	U17CHT1002	Skill Development - The course provides a basic insight in developing the skill set like understanding the elements of nutrition, metabolism of carbohydrates and lipids, nucleic acid metabolism, hormonal regulation, and oxidative phosphorylation	2017
B.Tech. Bio-Technology	Introduction to Biotechnology	U17BTT2001	Employability - Provides a basic skill to manage a bioprocess industry	2017
B.Tech. Bio-Technology	Laboratory skills and calculation for Biotechnology	U17BTP2002	Employability - Provides a basic skill in preparing solution, media and handling equipments	2017
B.Tech. Bio-Technology	Problem Solving and programming for Biotechnology	U17ITP2511	Skill development-Course helps to learn the fundamental programming concepts	2017
B.Tech. Bio-Technology	Bioprocess Calculations	U17BTT3003	Skill Development - The course offers the basic skills required for a bioprocess engineer like preparation and calculation for a bioreactor based industries	2017
B.Tech. Bio-Technology	Protein and Enzyme Technology	U17BTI5202	Skill Development - The course provides an insight in gaining the skill sets like Enzyme kinetics, immobilization and the various purification and characterization techniques with special emphasis to biological macromolecules.	2017
B.Tech. Bio-Technology	Immunology	U17BTI6204	Skill Development - The course provides the students with the skillset of raising antigen and antibodies against the various disease, and the detection procedure. The course also provides the knowledge on the hypersensitivity reaction	2017

B.Tech. Bio-Technology	Cell Culture Techniques	U17BTI6203	Skill Development - The course offers the students with the skill set of preparing cell culture media, optimization for the growth and the sterilization of the media. The course is focussed in the manner to provide indepth application oreinted skills like gene transfer in plants, transgenic and commercialization	2017
B.Tech. Bio-Technology	Biomolecules and Genetics	U17BTT3002	Employability - The course aids in the students employability by providing a deeper understanding on the biological macromolecules and basis of genetic engineering	2017
B.Tech. Bio-Technology	Fluid and Particle mechanics in Bioprocess	U17BTT4001	Skill Development - Provides skills to analyse fluid and particle mechanis in bioprocess industries	2017
B.Tech. Bio-Technology	Industry Internship/Innovation project	U17BTP4704	Skill Development - The Project work provides the student with the skill set of managing project, planing and execution. In addition they provides the skill like report preparation, and presentation	2017
B.Tech. Bio-Technology	Biological Analysis Data	U17BTI6205	Skill Developmet provides knowledge on the statistics with biological problems and introduce the significance of research	2017
B.Tech. Bio-Technology	Preclinical and Clinical RegulatoryAffairs	U17BTT7002	Skill Development - Develop documentation / research writing expertise in the Clinical Trial, Research & Administration area	2017
B.Tech. Bio-Technology	Project Phase I	U17BTP7705	Skill Development - The Project work provides the student with the skill set of managing project, planing and execution. In addition they provides the skill like report preparation, and presentation	2017
B.Tech. Bio-Technology	Project Phase II	U17BTP8701	Skill Development - The Project work provides the student with the skill set of managing project, planing and execution. In addition they provides the skill like report preparation, and presentation	2017
B.Tech. Bio-Technology	Chemical Reaction Engineering	U17BTE0001	Skill Development - The course provides the students with the skill of design and analysis of the various reaction kinetics of ideal and non ideal reactors, heterogeneous system analysis and the basic understanding of selection of reactor for different reactions	2017
B.Tech. Bio-Technology	Bioentreprenership	U17BTE0010	Entrepreneurship - The course provides the student in promoting the Entrepreneurship with the basics of IPR generation and filing, biobusiness management and group presentation among the peers	2017
B.Tech. Bio-Technology	Food Process Engineering	U17BTE0002	Skill Development - The course provides the students with the skill of pre-processing of foods, processing using steam and water, processing using hot air and oil and preservation using low temperature methods.	2017
B.Tech. Bio-Technology	Food Preservation Technology	U17BTE0003	Skill Development - Skills to preserve food using various unit operations	2017

B.Tech. Bio-Technology	Vaccine Technology	U17BTE0005	Skill Development - The course offers the students with the skill set of preparing cell culture media, optimization for the growth and the sterilization of the media. The course is focussed in the manner to provide indepth application oreinted skills like gene transfer in plants, transgenic and commercialization	2017
B.Tech. Bio-Technology	Molecular Diagnostics	U17BTE0006	Skill Development- Offers the student with therapeutics of diseases	2017
B.Tech. Bio-Technology	Membrane Technology	U17BTE0009	Skill Development - The course offers basic design of membrane based technology for biotechnological application	2017
B.Tech. Bio-Technology	Industrial Biosafety and Bioethics	U17BTE0011	Skill Development - knowledge on various aspects of Industrial biosafety, guidelines and concepts of bioethics	2017
B.E. Electronics and Instrumentation Engineering	Electronic Signal Conditioning	U17EII4201	Skill development - The students can design and simulate various analog circuits of op-amp application, filters, converters, oscillators, relays and PLL.	2017
B.E. Electronics and Instrumentation Engineering	Sensors and Measurements	U17EII3202	Skill development - Gain Knowledge in the characteristics and construction details of different sensors and measurements systems	2017
B.E. Electronics and Instrumentation Engineering	Biology for Engineers	U17BTT3006	Skill developments - Provides knowledge in Biological concepts related to instrumentation department	2017
B.E. Electronics and Instrumentation Engineering	Digital Fundamentals and Microprocessor	U17EII4202	Skill development - This course helped in Designing, constructing and developing theoretical device/circuit operation that can be implemented in properly constructed digital circuits	2017
B.E. Electronics and Instrumentation Engineering	MEMS and Sensor Design	U17EIT4004	Skill development This course supports students in designing sensors using Simulation tools	2017
B.E. Electronics and Instrumentation Engineering	Ancillary Support System	U17EIT4005	Skill development - This course helps students to Develop a wiring diagram for a control panel and Illustrate the operation of hydraulic and pneumatic systems	2017
B.E. Electronics and Instrumentation Engineering	Embedded Microcontrollers	U17EII5202	Skill Development -This course helps to Demonstrate real-time communication interface and Apply protocols for device driver requirements	2017
B.E. Electronics and Instrumentation Engineering	Advanced Control system	U17EII7202	Skill Development - This course helps students to Demonstrate the state space analysis of the given system using simulation tools.	2017
B.E. Electronics and Instrumentation Engineering	Industrial Communication and Networking	U17EIT5004	Employability - This course helps students to Identify, prevent and troubleshoot industrial communications problems	2017
B.E. Electronics and Instrumentation Engineering	Industrial Automation	U17EII6201	Employability - This course helps students to Develop PLC diagram & implement the Automation technique used in Industry	2017

B.E. Electronics and Instrumentation Engineering	Digital Signal Processing & Deep learning	U17EII6202	Skill development -This course helps students to analyze signal / system properties using mathematical tools	2017
B.E. Electronics and Instrumentation Engineering	Design project	U17EIP7703	Employability - This course supports the students to undertake recent research works through inhouse project or internship mode to create an employability	2017
B.E. Electronics and Instrumentation Engineering	Capstone Project	U17EIP8701	Employability - This course supports the students to undertake recent research works through inhouse project or internship mode to create an employability	2017
B.E. Electronics and Instrumentation Engineering	Bio sensors and Medical Instrumentation	U17EIE0006	Employability - This course supports the students to understand the different methods of electrical and nonelectrical medical parameters diagnostic.	2017
B.E. Electronics and Instrumentation Engineering	Flexible and Wearable Electronics	U17EIE0001	Skill development - The students can identify different types of wearable technology devices and issues involved.	2017
B.E. Electronics and Instrumentation Engineering	Lab on a Chip	U17EIE0002	Skill development - The course helps to Comprehend the Operating principles and physical mechanisms unique to microfluidics.	2017
B.E. Electronics and Instrumentation Engineering	Wireless Sensor Measurement Systems	U17EIE0005	Skill development - The course helps to analyze the suitable wireless data for various application	2017
B.E. Electronics and Instrumentation Engineering	Sensor and Data Fusion	U17EIE0007	Skill development - The course helps to understand simple sensor data fusion methods and algorithms to any application	2017
B.E. Electronics and Instrumentation Engineering	Machine Vision	U17EIE0008	Skill development - The students can Apply the proper tool for segmentation, edge and region detection for any given machine vision problem	2017
B.E. Electronics and Instrumentation Engineering	Fault Detection and Diagnosis	U17EIE0009	Skill development - Develops students to design controller for fault detection and diagnosis application in process industries	2017
B.E. Electronics and Instrumentation Engineering	Industry 4.0	U17EIE0011	Skill development - This course supports students to outline the various systems used in a manufacturing plant and their role in an Industry 4.0 world	2017
B.E. Electronics and Instrumentation Engineering	System Identification, Modelling and Simulation	U17EIE0012	Skill development - Provides skills to model a process control system and simulate the same using simulation software like MATLAB	2017
B.E. Electronics and Instrumentation Engineering	Artificial Intelligence and Machine learning	U17EIE0013	Skill development - The course helps to understand the practical aspects of data science and its evolution and apply the concepts and methods to solve problems in real-world contexts	2017

B.E. Electronics and Instrumentation Engineering	Big Data Analytics	U17EIE0014	Skill development - Develops knowledge in digital twin domain	2017
B.E. Electronics and Instrumentation Engineering	Cloud Computing	U17EIE0015	Skill development - Develops knowledge in digital twin domain	2017
B.E. Electronics and Instrumentation Engineering	Augmented reality and Virtual Reality	U17EIE0016	Skill development - Develops knowledge in digital twin domain	2017
B.E. Electronics and Instrumentation Engineering	Industrial electronic Drives	U17EIE0017	Skill development - The course helps to understand the functioning of various DC-DC converters and inverters and identify the drives for various control applications.	2017
B.E. Electronics and Instrumentation Engineering	Automation Made Easy – Micro to Macro	U17EIO0001	Employability - The course helps to Learn the basic concepts of Industrial automation	2017
B.E. Electronics and Instrumentation Engineering	Instrumentation for Learner	U17EIO0002	Employability - Develops basic knowledge in Instrumentation concepts	2017
B.E. Electronics and Instrumentation Engineering	Introduction to Industry 4.0 & Industrial Internet of Things	U17EIO0003	Skill development - This course supports students to outline the various systems used in a manufacturing plant and their role in an Industry 4.0 world	2017
B.E. Aeronautical Engineering	Aero Engineering Workshop	U17AEP1501	Employability - This course contents will help the students to improve their knowledge in understanding various aspects of workshop practices related to aeronautics.	2017
B.E. Aeronautical Engineering	Production Processes	U17AET1002	Employability- The course will help the students to enhance their knowledge on different manufacturing process of aerospace industry.	2017
B.E. Aeronautical Engineering	CAD Laboratory	U17AEP2501	Employability- Computer Aided Design knowledge helps in modelling/designing aircraft components and systems.	2017
B.E. Aeronautical Engineering	Aircraft Hardware and Materials	U17AET4005	Skill development- The course will help the students to enhance their knowledge on Hardware and Materials used for aircraft.	2017
B.E. Aeronautical Engineering	UAV System Design	U17AET4004	Employability- This course supports in understanding the concepts of UAV, applications and its design aspects	2017
B.E. Aeronautical Engineering	Automatic Control Systems	U17AEI4202	Skill development- This course supports in understanding the requirements of control systems for aerospace & non aerospace industry	2017
B.E. Aeronautical Engineering	Aircraft Maintenance Practices	U17AEI7202	Skill development- The course will help the students to enhance their knowledge on maintenance of Airframe and Engines of aircrafts	2017
B.E. Aeronautical Engineering	Aviation Logistics and Supply Chain Management	U17AET7004	Entrepreneurship- This course will help the students to start a new business related to aviation	2017



B.E. Aeronautical Engineering	Project Work – Phase I	U17AEP7705	Skill development- This course will help the students to design complete aerodynamic components and control surfaces of aircraft	2017
B.E. Aeronautical Engineering	Project Work –Phase II	U17AEP8701	Skill development- This course will help the students to design complete structural components and control surfaces of aircraft .	2017
B.E. Aeronautical Engineering	Experimental Aerodynamics	U17AEE0001	Employability- -The course will help the students to enhance their knowledge on experimental techniques available for testing of aerodynamics of the aircraft components and bodies.	2017
B.E. Aeronautical Engineering	Principles of Combustion	U17AEE0005	Employability- The course will help the students to enhance their knowledge on combustion principles and techniques of various engines	2017
B.E. Aeronautical Engineering	Heat and Mass Transfer	U17AEE0006	Skill development- This course supports in understanding the concepts of Heat and Mass Transfer applicable for aircraft engines and other high temperature problems	2017
B.E. Aeronautical Engineering	Composite Materials and Structures	U17AEE0007	Skill development- The course will help the students to enhance their knowledge on various composite materials used for construction of aircrafts.	2017
B.E. Aeronautical Engineering	Theory behind Airplane: From birds to Human Flight	U17AEO0006	Employability- The course will introduce the basics of technical aspects of aeronautics	2017
B.E. Aeronautical Engineering	Satellite System and Application	U17AEO0007	Skill development- The course will help the students to enhance their knowledge on Satellite System and Application	2017
B.E. Aeronautical Engineering	Basics of Aeroplanes and human life	U17AEO0008	Employability- The course will introduce the basics of technical aspects of aeronautics	2017
B.E. Aeronautical Engineering	Introduction to CFD using RotCFD	U17AEC0204	Skill development- The course will help the students to enhance their knowledge on numerical analysis of aircraft systems	2017
B.E. Aeronautical Engineering	Satellite System and Application	U17AEC0205	Skill development- The course will help the students to enhance their knowledge on Satellite System and Application	2017
B.E. Aeronautical Engineering	Constitution of India	U17INT5000	Skill development- This content will help the students to understand legislation and laws	2017
B.E. Automobile Engineering	Metallurgical Chemistry for Automobile	U17CHT2001	Skill development-This course helps the students to understand and apply metallurgical concepts in automobile engineering.	2017
B.E. Automobile Engineering	Machine Drawing	U17AUI4203	Skill development-Provides manual drafting and computerized drawing skills	2017
B.E. Automobile Engineering	Automotive Engines and Systems	U17AUI4201	Skill development-The course help Impart knowledge on IC engines and its subsystems for understanding their role in automobiles.	2017
B.E. Automobile Engineering	Hybrid and Electric Vehicles	U17AUT6003	Skill development-The course helps the understand general aspects of Hybrid and Electric Vehicle (HEV) technologies.	2017
B.E. Automobile Engineering	Total Quality Management and Project Management	U17AUT6004	Employability- Concepts in TQM is required for Managerial concepts are being implement with no of quality enhancing Tools	2017
B.E. Automobile Engineering	Automotive Emissions	U17AUT7002	Skill development-Provides knowledge on the wastes produced from automobiles and the emission formation mechanisms	2017
B.E. Automobile Engineering	Vehicle Maintenance and Reconditioning	U17AUI7201	Employability-The course will help understand the vehicle maintenance & workshop statements preparation	2017

B.E. Automobile Engineering	Project Work - Phase I	U17AUP7703	Employability-Provides practical knowledge on identifying and solving practical problems and finding a solution related to the automotive and relative domain	2017
B.E. Automobile Engineering	Project Work - Phase II	U17AUP8701	Employability- Provides practical knowledge on identifying and solving practical problems and finding a solution related to the automotive and relative domain	2017
B.E. Automobile Engineering	Design of Engine Components	U17AUE0001	Skill development-The course provides basic knowledge on designing of IC engine components.	2017
B.E. Automobile Engineering	Design of Chassis Components	U17AUE0002	Skill development-The course provides build knowledge on design of Automotive Chassis components.	2017
B.E. Automobile Engineering	Off Road Vehicles	U17AUE0014	Skill development-Impart knowledge on different types of special purpose vehicles and their systems.	2017
B.E. Automobile Engineering	Intelligent Vehicle Technology	U17AUE0013	Skill development-This course is to impart knowledge on autonomous vehicle and driver assistant systems and also the architectural overview of IoT.	2017
B.E. Automobile Engineering	Automotive Communication Protocols	U17AUE0012	Skill development-Provide knowledge in concepts of acquiring ECU data, storage and exchange of data for ECU Communication in-vehicle network systems	2017
B.E. Automobile Engineering	Auxiliary Vehicle Systems	U17AUE0010	Skill development- Provides knowledge in the modern auxiliary vehicle systems	2017
B.E. Automobile Engineering	Automotive Control System	U17AUE0009	Skill development- Provides knowledge in the Model based system design	2017
B.E. Automobile Engineering	FUEL CELL TECHNOLOGY	U17AUO0005	Skill development-The course will help understand the concept of fuel cells in automobiles	2017
B.E. Automobile Engineering	Constitution of India	U17INT4000	Skill development- This content will help the students to understand legislation and laws	2017
B.E. Civil Engineering	Python Programming	U18CSI2201	Employability-Course helps to learn the fundamental concepts in python language	2018
B.E. Civil Engineering	Fundamentals of Communication- II	U18ENI2201	Skill Development - The course will help the students to enhance their language skills to the next level and will hone their presentation skills, critical thinking and leadership skills	2018
B.E. Civil Engineering	Project Phase-I	U18CEP7703	Employability- Application of core knowledge in doing projects helps in various phases of construction projects	2018
B.E. Civil Engineering	Project Phase-II	U18CEP8701	Skill development - Various innovative technologies adopted in doing project works helps in skill development in software and drafting tools	2018
B.E. Civil Engineering	Housing Planning and Management	U18CEE0007	Employability- to have a comprehensive knowledge of planning, design, evaluation, construction and financing of housing projects and focuses on cost effective construction materials and methods.	2018

B.E. Civil Engineering	Pre Engineered Buildings	U18CEE0011	Employability - Importance of standardization, modular construction, tolerances as per national building code of practice and importance of prefabricated and precast structures as applied to concrete, RCC and structural steel.	2018
B.E. Civil Engineering	Engineering Clinic I	U18INI1600	Employability skills(soft Skills) like Communication, Critical Thinking, Teamwork, Organization and management( Basic skills)	2018
B.E. Civil Engineering	Engineering Clinic II	U18INI2600	Employability skills(soft Skills) basic skills and in addition Problem solving,Self Management,Working with people, flexibility, adaptability	2018
B.E. Civil Engineering	Engineering Clinic III	U18INI3600	Employability, Technology use and Development skills	2018
B.E. Civil Engineering	Engineering Clinic IV	U18INI4600	This aids in all Employability skills and Entrepreneurship skills through doing /innovating, problem solving for realworld scenarios	2018
B.E. Civil Engineering	Engineering Clinic V	U18INI5600	This aids in all Employability skills and Entrepreneurship skills through doing /innovating, problem solving for realworld scenarios	2018
B.E. Mechanical Engineering	Electrical Drives and Control	U18EEI4207	Skill development- Provides skill in Electrical Drives and Control, hence student to get employment in core industry	2018
B.E. Mechanical Engineering	Turbo Machines	U18MET5004	Employability- Concepts of and working of Turbomachines such as fans, blowers, compressors and its applications will enable the students to perform better as an engineer during their employability	2018
B.E. Mechanical Engineering	Digital Manufacturing	U18MET7003	Employability – this course deals with IOT, Industry 4.0 to enhance the students to understand the advanced technologies in industry dealing with industry 4.0	2018
B.E. Mechanical Engineering	Power Plant Engineering	U18MET7002	Employability- Concepts of and working principles of thermal, hydel , nuclear and renewable power plants and its applications will enable the students to perform better as an engineer during their employability	2018
B.E. Mechanical Engineering	Entrepreneurship Development	U18MET8001	Entrepreneurship-The knowledge gained by this course would help in various aspects towards the achievement of the goals related with an entrepreneur	2018
B.E. Mechanical Engineering	Mini Project/ Phase I Project	U18MEP7703	Skill Development – This course deals with design/analysis/simulation/fabrication of product /process/system which would enable the students to improve the product development skills in real time	2018
B.E. Mechanical Engineering	Capstone Project/Internship/Phase II project	U18MEP8702	Entrepreneurship/ skill development/Employability- Students can apply the concepts learned to solve real world problems.	2018
B.E. Mechanical Engineering	Design of Jigs, Fixtures and Press Tools	U18MEE0001	Employability – Students can able to understand the concept of work holding leads improving the productivity.	2018
B.E. Mechanical Engineering	Tribology	U18MEE0005	Employability- Students can able to modify the material and its structure suitably to its applications.	2018
B.E. Mechanical Engineering	Disruptive Thinking	P18MBO0005	Entrepreneurship – The course train students to acquire capabilities related to decision making, leadership quality, time management, prioritization and related topic required for pursuing entrepreneurship career.	2018

B.E. Mechanical Engineering	Research scope for Nano Materials	U18PHO0002	Employability- Students can able to understand the effect of material usage at nano level.	2018
B.E. Mechanical Engineering	Welding Processes and Technology	U18MEO0007	Employability- Students can learn the concept of joining metals and select the suitable welding process.	2018
B.E. Mechanical Engineering	Unconventional Machining Processes	U18MEO0104	Employability- The understanding of various modern machining processes leads to selection and application of appropriate process for specific manufacturing needs	2018
B.E. Electrical and Electronics Engineering	BASICS OF ELECTRIFICATION	U18EEO0001	Employability- Provides knowledge in Basics of Electrification, hence student to get employment in core industry	2018
B.E. Electrical and Electronics Engineering	PROGRAMMABLE LOGIC CONTROLLER (PLC) FOR TEXTILE APPLICATIONS	U18EEO0004	Employability- Provides knowledge in PLC Automation, hence student to get employment in core industry	2018
B.E. Electrical and Electronics Engineering	INTELLECTUAL PROPERTY RIGHTS AND COMMERCIALIZATION	U18EEO0005	Employability -Provide knowledge on pattend writing , hence students able to design innovative products.	2018
B.E. Electrical and Electronics Engineering	DISTRIBUTED GENERATION AND SMART MICROGRID	U18EEO0006	Employability -Provide knowledge on Power transmission and distribution network load scheduling , hence students able to get job in power sector	2018
B.E. Electronics and Communication Engineering	Computer Architecture and Microprocessors	U18ECI5202	Employability - Provides an opportunity to design and analyse various computer architectures and programming in microprocessors	2018
B.E. Electronics and Communication Engineering	Project Phase I	U18ECP7701	Skill development- Develop skills on research and new product development	2018
B.E. Electronics and Communication Engineering	Project Phase II	U18ECP8701	Skill development- Develop skills on research and new product development	2018
B.E. Electronics and Communication Engineering	Introduction to Neural Networks and Deep Learning	U18ECO0005	Employability - Enables students to develop Neural Network based algorithms for deep learning	2018
B.E. Computer Science and Engineering	Computational Biology	U18BTI2201	Employability - The course provides the students with the skill of basics of database in biological system, sequence alignment, phylogeny and CADD	2018
B.E. Computer Science and Engineering	Discrete Mathematics	U18MAT3102	Skill development-Course enables students to apply Maths for Computer Science	2018
B.E. Computer Science and Engineering	Project Phase-I	U18CSP7703	Skill development-Course makes students to define a problem statement, prepare requirement and design document, implement and evaluate the result	2018
B.E. Computer Science and Engineering	Project Phase-II	U18CSP8701	Skill development-course enables to analyze, develop, evaluate, interpret and justify the experimental results	2018
B.Tech. Textile Technology	Textile Mill Management	U18TXT7003	Skill Development- Improves managemnet skills	2018

B.Tech. Textile Technology	Project - Phase I	U18TXP7706	Skill development- Develop skill on new product development	2018
B.Tech. Textile Technology	Project - Phase II	U18TXP8701	Skill development- Develop skill on research and product development	2018
B.Tech. Textile Technology	Computer Applications in Textiles	U18TXE0004	Employability- Provides knowledge on computer application and helps in employability in textile mill	2018
B.Tech. Textile Technology	Sustainability in Textile Manufacturing and Material	U18TXE0005	Skill development- Develop skill on new product development	2018
B.Tech. Textile Technology	Testing of Functional and Technical Textiles	U18TEX0013	Employability -Provides knowledge on Technical textiles and gives oppurtunity to the student to get employed in Technical textiles manufacturing Industries	2018
B.Tech. Information Technology	Partial Differential Equations and Transforms	U18MAT5101	Skill Development-To understand and apply Partial Differential Equations and Transforms to solve engineering problems.	2018
B.Tech. Information Technology	Project Work - Phase I	U18ITP7704	Employability-Ability to provide solutions for real world applications	2018
B.Tech. Information Technology	Project Work - Phase II	U18ITP8701	Employability-Ability to provide solutions for real world applications	2018
B.E. Mechatronics Engineering	Project – Phase I	U18MCP7701	Skill development - able to design analysis simulate a physical system by using the technology in mechatronics area	2018
B.E. Mechatronics Engineering	Project – Phase II	U18MCP8701	Skill development - able to design analysis simulate a physical system by using the technology in mechatronics area	2018
B.Tech. Fashion Technology	Project Phase I	U18FTP7701	skill development-Ability to provide solutions for real world applications	2018
B.Tech. Fashion Technology	Project Phase II	U18FTP8701	skill development-Ability to provide solutions for real world applications	2018
B.Tech. Fashion Technology	Home Furnishings	U18FTE0011	Employability- Exposure on fibres, yarns, fabrics used in home textile and its development	2018
B.Tech. Fashion Technology	Intimate Apparels	U18FTE0006	Employability- Exposure on fibres, yarns, fabrics used in intimate apparels and its development	2018
B.Tech. Fashion Technology	Garment Trims and Accessories	U18FTE0012	Employability- Exposure on trims and accessories used in garments and its important properties	2018
B.Tech. Fashion Technology	Entrepreneurship Development	U18FTE0018	Employability- The course helps to know importance of entrepreneurs, EDP and qualities of a entrepreneur	2018
B.Tech. Fashion Technology	Apparel Export Management	U18FTE0017	Employability- This course helps the students to export the goods with respect to indian norms and helps to learn various procedures followed.	2018
B.Tech. Fashion Technology	Fashion Boutique Management	U18FTE0004	Entrepreneurship- The course enables the student to understand the procedure for startup of boutique	2018
B.Tech. Fashion Technology	Traditional Indian Textiles and Crafts	U18FTE0005	Entrepreneurship- exposure on traditional indian textiles and crafts and helps i developing different designs	2018
B.Tech. Bio-Technology	Project Phase I	U18BTP7705	skill development-Ability to provide solutions for real world applications	2018
B.Tech. Bio-Technology	Project Phase II	U18BTP8701	skill development-Ability to provide solutions for real world applications	2018
B.E. Electronics and Instrumentation Engineering	Field Instrumentation	U18EI5203	Skill development -Identify appropriate measuring devices for industrial applications and conduct experiments,Acquire and Analyzethe performances of Field Instruments using appropriate tools	2018

B.E. Electronics and Instrumentation Engineering	Design project	U18EIP7703	Employability - This course supports the students to undertake recent research works through inhouse project or internship mode to create an employability	2018
B.E. Electronics and Instrumentation Engineering	Capstone Project	U18EIP8701	Employability - This course supports the students to undertake recent research works through inhouse project or internship mode to create an employability	2018
B.E. Aeronautical Engineering	UAV System Design	U18AET4004	Employability- This course supports in understanding the concepts of UAV, applications and its design aspects	2018
B.E. Aeronautical Engineering	Aircraft Maintenance Practices	U18AEI7202	Skill development- The course will help the students to enhance their knowledge on maintenance of Airframe and Engines of aircrafts	2018
B.E. Aeronautical Engineering	Aviation Logistics and Supply Chain Management	U18AET7004	Entrepreneurship- This course will help the students to start a new business related to aviation	2018
B.E. Aeronautical Engineering	Project Work – Phase I	U18AEP7705	Skill development- This course will help the students to design complete aerodynamic components and control surfaces of aircraft	2018
B.E. Aeronautical Engineering	Project Work –Phase II	U18AEP8701	Skill development- This course will help the students to design complete structural components and control surfaces of aircraft .	2018
B.E. Automobile Engineering	Materials and Metallurgy	U18AUT3004	Skill development-Provides knowledge in structure, properties, treatment, testing, and applications of metals and on non-metallic materials	2018
B.E. Automobile Engineering	Automotive Electrical and Electronics Engineering Laboratory	U18AUP5505	Skill development- Provides practical knowledge in basic electrical and electronic circuits to automotive systems	2018
B.E. Automobile Engineering	Automotive Electronics	U18AUT5001	Skill development-The course helps insight of the basic concepts of automotive electronics.	2018
B.E. Automobile Engineering	Project Work - Phase I	U18AUP7703	Provides practical knowledge on identifying and solving practical problems and finding a solution related to the automotive and relative domain	2018
B.E. Automobile Engineering	Project Work - Phase II	U18AUP8701	Provides practical knowledge on identifying and solving practical problems and finding a solution related to the automotive and relative domain	2018
B.E. Information Science and Engineering	Structured Programming using C	U18CSI1201	Employability - Course helps to learn the fundamental programming concepts using C	2018
B.E. Information Science and Engineering	Computational Biology	U18BTI1201	Skill development-Course helps to learn composition of cells and information storage and transferr in cells	2018
B.E. Information Science and Engineering	Digital Logic and Microprocessor	U18ISI2202	Skill development- Hardware / IoT Skills which is one of the emerging technologies	2018
B.E. Information Science and Engineering	Data Structures	U18ISI3201	Skill development and Employability- Basic Skills for programming - Popular Data Structures and techniques, which are necessary for employability in the programming / software work space	2018
B.E. Information Science and Engineering	Computer Architecture	U18IST3002	Skill development- Computer Hardware and High Performance Computing Foundations necessary for IT hardware related jobs and processor industry research	2018

B.E. Information Science and Engineering	Object Oriented Programming	U18ISI3203	Skill Development and Employability- Is the popular software programming paradigm, also covers Java Programming and builds the foundational concepts for OOPS	2018
B.E. Information Science and Engineering	Database Management Systems	U18ISI3204	Skill development- The foundational relational database management course necessary for handling structured data of most enterprises.	2018
B.E. Information Science and Engineering	Design and Analysis of Algorithms	U18IST4001	Skill development- Necessary foundations for problem solving and analysis of complexity of variety of algorithms for arriving at an optimal solution.	2018
B.E. Information Science and Engineering	Operating Systems	U18ISI4202	Skill development- Foundational concepts for multiprocessing and resource management	2018
B.E. Information Science and Engineering	Software Engineering	U18ISI4203	Skill development and Employability - Necessary Software Development Methodology course with introduction to UML, popular design patterns and tools for design, converting to code and testing.	2018
B.E. Information Science and Engineering	Artificial Intelligence	U18IST4004	Skill development- Theoretical foundations to AI including the foundational concepts, knowledge representation, information theoretic decision making, learning algorithms, and introduction of neural networks (ANN and CNN) - Essential foundations for emerging technology	2018
B.E. Information Science and Engineering	Computer Networks	U18ISI5201	Skill development- Functional approach and understanding of working of computer networks and study of tools for practically seeing, and understanding network communications. Students also learn basic client server programming. - Essential for IT network management and programming job roles.	2018
B.E. Information Science and Engineering	Big Data Technologies	U18ISI5202	Skill development and Employability - An emerging technology course with focus on processes for getting insights from big data including modeling and use of Hadoop Framework, Map Reduce Algorithm, Hive and Spark	2018
B.E. Information Science and Engineering	Social Media Marketing	U18IST5003	Skill development and Employability -Creating Digital Marketing Strategies using OSN platforms like Facebook, Twitter, YouTube, LinkedIn	2018
B.E. Information Science and Engineering	Machine Learning Techniques	U18ISI6204	Employability - Understanding and Applying Machine Learning Techniques for solving business problems including prediction and classification	2018
B.E. Information Science and Engineering	Cryptography and Network Security	U18IST6002	Skill development and Employability - Foundational course for Information Security with cryptographic mechanisms, protocols and system security	2018
B.E. Information Science and Engineering	Internet and Web Programming	U18ISI6203	Skill development and Employability - Essential tool usage for full stack web development	2018
B.E. Information Science and Engineering	Information Storage and Retrieval	U18IST7001	Skill development and Employability - Foundational course for cloud migration and storage, text retrieval and web search mechanisms.	2018
B.E. Information Science and Engineering	Data Visualization	U18ISI7202	Skill development and Employability - Getting visual sense of data and creating interactive dashboards and telling an effective story for data driven business decision making.	2018

B.E. Information Science and Engineering	Project Phase - I	U18ISP7703	Skill Development/Employability –This course deals with design/analysis/simulation/fabrication of product /process/system which would enable the students to to improve the product development skills in real time	2018
B.E. Information Science and Engineering	Project Phase - II	U18ISP8701	Entrepreneurship/ skill development/Employability- Students can apply the concepts learned to solve real world problems.	2018
B.E. Information Science and Engineering	Image and Video Analytics	U18ISE0001	Skill development and Employability - Understand Computer Vision Concepts, image segmentation and synthesis and Use CNN for object detection, recognition and tracking.	2018
B.E. Information Science and Engineering	Graphics and Multimedia	U18ISE0002	Skill development- 2D & 3D graphic design concepts and usage of GIMP tool for Multimedia Modeling and Authoring	2018
B.E. Information Science and Engineering	Principles of Compiler Design	U18ISE0003	Skill development- Understand the principles of language translation and identify various types of optimizations that can be applied to an intermediate code	2018
B.E. Information Science and Engineering	Soft Computing	U18ISE0004	Skill development- Foundational concepts in softcomputing including fuzzy algorithms, optimization techniques, neural network and hybrid systems for analytics.	2018
B.E. Information Science and Engineering	IOT Architecture and Protocols	U18ISE0005	Skill development, Employability and Research Foundations - Introductory course on the domain of IoT from sensors, embedded systems, MGC Architecture, Communication Networks with IoT deployment and analytics motivating variety of IoT Applications	2018
B.E. Information Science and Engineering	Cloud Architecture and Computing	U18ISE0006	Skill development and Employability - Foundations to emerging technology - Study of virtualization concepts and various Cloud Computing Architecture, Service and Delivery models	2018
B.E. Information Science and Engineering	Software Project Management	U18ISE0007	Skill development- Breadth perspective for different phases of software project management, delivery excellence and quality assurance	2018
B.E. Information Science and Engineering	Deep Learning	U18ISE0008	Skill development and Employability - Understand shallow and deep neural networks, build, choose hyperparameters, train and apply neural networks	2018
B.E. Information Science and Engineering	Information Privacy	U18ISE0009	Skill development- Foundational Course on Information Privacy, its risk management using Privacy by Design and application of privacy enhancing technologies.	2018



B.E. Information Science and Engineering	Information Security Management	U18ISE0010	Skill development and Emerging Technologies - Understand and Apply essential people, process and technology aspects of managing information security for organizations	2018
B.E. Information Science and Engineering	Blockchain Technology	U18ISE0011	Skill development & Employability - An emerging technology course, with blockchain concepts, foundations to three generations of blockchain technologies including bitcoin, smart contracts and hyperledger	2018
B.E. Information Science and Engineering	Software Security	U18ISE0012	Skill development and Employability - Application Software Security being the top vulnerability of ongoing attacks in internet, this course helps understand application vulnerabilities and various mechanisms for building secure software in all its development phases.	2018
B.E. Information Science and Engineering	Product Management	U18ISE0013	Skill development and Entrepreneurship-Understand Product Development lifecycle and use appropriate techniques, tools and metrics for developing product prototype	2018
B.E. Information Science and Engineering	Financial and Business Analytics	U18ISE0014	Skill development- Application of Data Analytics for business, customer, operation, people, accounting and Finance	2018
B.E. Information Science and Engineering	Data Mining	U18ISE0015	Skill development- Foundational Course on Natural Language Processing and Text Mining for clustering, categorization, sentiment analysis and pattern discovery	2018
B.E. Information Science and Engineering	Agile Software Development	U18ISE0016	Skill development- Full breadth course on agile product development from defining what's valuable to the user, design end to end testing, and charter the team with an adaptive view of the right agile practices	2018
B.E. Information Science and Engineering	Mobile Application Development	U18ISE0017	Skill Development and Employability - Understand, Design and develop Android mobile applications for utility	2018
B.Tech. Artificial Intelligence and Data Science	Engineering Physics	U18PHI1202	Employability - Enable students to incorporate the various applied physics concepts in their engineering domain	2020
B.Tech. Artificial Intelligence and Data Science	Linear Algebra and Calculus	U18MAI1203	Employability - This course will help the students to model the real life problems	2020
B.Tech. Artificial Intelligence and Data Science	Introduction to Computational Machines	U18AII1204	Skill development- Prepare students to perform the analysis and design of various digital electronic circuits	2020
B.Tech. Artificial Intelligence and Data Science	Introduction to Python	U18AII1205	Employability - Course help the student to apply modularization techniques for problem solving through python	2020

B.Tech. Artificial Intelligence and Data Science	Fundamentals Of Communication	U18ENI1202	Skill development - It helps the students to develop communication skills.	2020
B.Tech. Artificial Intelligence and Data Science	Introduction to Indic Culture and Technologies	U18AIC1106	Skill development- Course enable student to develop a broad understanding of Indian society and intercultural literacy through cultural immersion	2020
B.Tech. Artificial Intelligence and Data Science	Engineering Sprints	U18AII1107	Skill development- Enable student to develop the skill sets necessary for entrepreneurship	2020
B.Tech. Artificial Intelligence and Data Science	Advanced Physics	U18PHT2001	Skill Development-To understand and apply advanced physics concepts to solve engineering problems.	2020
B.Tech. Artificial Intelligence and Data Science	Discrete Mathematics	U18MAT2102	Skill development-Course enables students to apply Maths for Computer Science	2020
B.Tech. Artificial Intelligence and Data Science	Probability and Statistics	U18MAI2803	Skill development - This subject enables the student to learn the fundamental of statistics and use the knowledge in building analytics based solutions.	2020
B.Tech. Artificial Intelligence and Data Science	Object-Oriented Programming and Data Structures	U18AII2204	Employability - Enable student to apply the principles of inheritance and Class and interface and demonstrate though problem analysis assignments how they relate to the design of methods, abstract classes and interfaces and packages	2020
B.Tech. Artificial Intelligence and Data Science	Introduction to AI & ML	U18AII2205	Employability - course helps to understand the basic concepts of machine learning and some typical applications and apply knowledge representation with artificial intelligence using FOL and Predicate logic	2020
B.Tech. Artificial Intelligence and Data Science	Introduction to Data Science	U18AII2206	Employability - Course helps to understand the various aspects of data science and the skill sets necessary for a data scientist	2020
B.Tech. Artificial Intelligence and Data Science	Innovation Sprints	U18AII2207	Entrepreneurship-Enable student to develop the skill sets necessary for entrepreneurship	2020
B.Tech. Artificial Intelligence and Data Science	Algorithms and Optimization of Programs	U18AII3202	Employability - The course helps to make students understand how the worst-case time complexity of an algorithm is defined, how asymptotic notation is used to provide a rough classification of algorithms.	2020
B.Tech. Artificial Intelligence and Data Science	Operating System	U18AII3203	Employability - Enable student to learn the mechanisms of OS to handle processes and threads and their Communication	2020
B.Tech. Artificial Intelligence and Data Science	Applied Machine Learning	U18AII3204	Employability - The course helps to Identify and apply appropriate machine learning models for analyzing the data for a variety of problems	2020

B.Tech. Artificial Intelligence and Data Science	Data Collection & Data Management	U18AII3205	Employability - The course helps to Identify and apply appropriate machine learning models for analyzing the data for a variety of problems	2020
B.Tech. Artificial Intelligence and Data Science	Tools and Technologies for Wellness	U18AIC3106	Skill development - This subject enables the student to learn the fundamental of statistics and use the knowledge in building analytics based solutions.	2020
B.Tech. Artificial Intelligence and Data Science	Principles of Economics	U18AIT3008	Skill development - This subject enables the student to learn the fundamental of statistics and use the knowledge in building analytics based solutions.	2020
B.Tech. Artificial Intelligence and Data Science	Design Sprints	U18AII3209	Entrepreneurship-Enable student to develop the skill sets necessary for entrepreneurship	2020
B.Tech. Artificial Intelligence and Data Science	Computer Networks	U18AII4201	Skill development- Functional approach and understanding of working of computer networks and study of tools for practically seeing, and understanding network communications. Students also learn basic client server programming. - Essential for IT network management and programming job roles.	2020
B.Tech. Artificial Intelligence and Data Science	Neural Networks and Deep Learning	U18AII4202	Employability - To apply Neural Networks and Deep Learning to solve engineering problems.	2020
B.Tech. Artificial Intelligence and Data Science	Data Mining & Modeling	U18AII4203	Employability - To apply Data Mining & Modeling concepts to solve engineering problems.	2020
B.Tech. Artificial Intelligence and Data Science	Finance for Engineers	U18AIT4006	Skill development- To understand and apply effectively the finance in their projects.	2020
B.Tech. Artificial Intelligence and Data Science	Ideation Sprints	U18AII4607	Entrepreneurship-Enable student to develop the skill sets necessary for entrepreneurship	2020
B.Tech. Artificial Intelligence and Data Science	Cloud Architecture	U18AII5201	Skill development and Employability - Foundations to emerging technology - Study of virtualization concepts and various Cloud Computing Architecture, Service and Delivery models	2020
B.Tech. Artificial Intelligence and Data Science	Data Visualization	U18AII5202	Employability-Dashboard design techniques helps in better decision making	2020
B.Tech. Artificial Intelligence and Data Science	Data Analysis	U18AII5203	Employability, Skill development- This course enables the student to learn Machine learning algorithms and Data Analysis	2020

B.Tech. Artificial Intelligence and Data Science	Marketing 101	U18AIT5004	Skill development-Helps the students to understand marketing concepts	2020
B.Tech. Artificial Intelligence and Data Science	Philosophy of Wellness	U18AIC5105	Skill development-Helps the students to work in a team	2020
MBA Master of Business Administration	Self-Awareness and Leadership	P17BACC104	Skill Development- The course will introduce the student to the behavioural aspect in a team and thereby in on organization	2017
MBA Master of Business Administration	Security Analysis and Portfolio Management	P17BAEEF11	Skill Development- The course introduces the concept of investment, Products and market mechanisms and enables Construction, Evaluation and Revision of financial portfolio	2017
MBA Master of Business Administration	Merchant Banking and Financial Services	P17BAEEF09	Skill Development- The course introduces the concept of Merchant banking and familiarizes the students with the procedures of Issue Management	2017
MBA Master of Business Administration	Taxation	P17BAEEF18	Skill Development- The course introduces the basic concepts of Taxation	2017
MBA Master of Business Administration	Accounting for Banking	P17BAEEF03	Skill Development - The course familiarizes the students with the procedures of the bank I accountancy.	2017
MBA Master of Business Administration	Credit Management	P17BAEEF04	Skill Development - This course hels to develop a basic understanding of credit management & Provide an overview of organization of credit function	2017
MBA Master of Business Administration	Legal & Regulatory Aspects of Banking	P17BAEEF05	Skill Development - The course helps in understanding basic accountancy and legal aspects necessary for carrying out day to day banking operations	2017
MBA Master of Business Administration	Securities Operations and Risk Management	P17BAEEF12	Skill development - The course introduces the students to the front and back office operations in Securities Marketand helps to Examine the risk management techniques adopted by broking houses.	2017
MBA Master of Business Administration	Wealth Management 1	P17BAEEF13	Skill Development- The course provides basic understanding on personal financial planning and wealth management	2017
MBA Master of Business Administration	Wealth Management 2	P17BAEEF15	Skill Development- The course provides an advanced understanding on the personal financial planning and wealth management	2017
MBA Master of Business Administration	Mutual Funds	P17BAEEF16	Skill development- The course introduces the concept and working mechanism of mutual funds.	2017
MBA Master of Business Administration	Equity Derivatives Management	P17BAEEF17	Skill development- The course introduces the concepts of equity derivative products and management.	2017
MBA Master of Business Administration	Trade Finance	P17BAEEF06	Skill development- The course introduces the role of trade finance and helps to Identify the role of Financial Institutions in trade finance.	2017
MBA Master of Business Administration	Personal Financial Planning	P17BAECF19	Skill Development- The course introduces the basic concepts of financial planning	2017
MBA Master of Business Administration	Retail Banking	P17BAEEF02	Skill development- The course enables the students to familiarize with operational aspects of retail banking products	2017

MBA Master of Business Administration	Social Media Selling	P17BAEPM17	Skill Development: This courses enables the student as how to incorporate the social media skillset into markeing regime	2017
MBA Master of Business Administration	Product and Services Management	P17BAEEM01	Skill Development: This course ideates about the product design and various product ideas exclusively	2017
MBA Master of Business Administration	Creative Writing for Media	P17BAECM11	Skill Development - The course has been structured as a part of our integrated marketing communication programme on copy witting skills for different media segments	2017
MBA Master of Business Administration	Global Marketing Management	P17BAEEM02	Skill Development - The course has been introduced to explore the various facets and cognizance upon various global marketing practices	2017
MBA Master of Business Administration	Industrial Marketing	P17BAEEM15	Skill Development - Lays down a special emphasis on marketing of industrial products effectively	2017
MBA Master of Business Administration	Sponsorship and Event Management	P17BAEPM16	Skill Development - This is a miniscule course on various practices and processes followed in events and sponsorship programs	2017
MBA Master of Business Administration	Digital Marketing	P17BAEEM06	Skill Development - The course is designed to cope up with the latest techniques ,practices and functionalites of online and digital platforms	2017
MBA Master of Business Administration	Retail Sales Metrics and Analytics	P17BAEEM08	Skill Development - This course lays down special emphasis on latest analytical skills and metrics required for carrying out retail practices effectively.	2017
MBA Master of Business Administration	HR Analytics	P17BAEEH19	Skill Dvelopment: The course introduces the application of analytics concept into the field of HR	2017
MBA Master of Business Administration	Transactional Analysis	P17BAEPH14	Skill Development: The course helps the students to acquire self awareness, gain motivational skills in human transactions	2017
MBA Master of Business Administration	360 Degree Leadership	P17BAEPH15	Skill development: This course enables the student to influence the stakeholders at every level and improvise personal relations	2017
MBA Master of Business Administration	Psychometric Testing	P17BAEPH16	Skill Development - The course introduces how to use psychometric assessments in the fied competency mapping	2017
MBA Master of Business Administration	Neuro Linguistic Programming	P17BAEPH17	Skill Development: The course provides insights to Neuro linguistic exercises to communicate and manage self esteem	2017
MBA Master of Business Administration	Emotional Intelligence	P17BAEPH18	Skill Development - This course essentially drives the student to use and practice emotions intellilgently while managing people in HR parlance	2017
MBA Master of Business Administration	Decision Models for Operations	P17BAEEO11	Skill Development: The course provides and introduces the concept and application of operations research into the fied of production and operations management	2017
MBA Master of Business Administration	Value Stream Mapping	P17BAECO15	Skill development: The course provides insight on value engineering for product/process improvement	2017
MBA Master of Business Administration	Entrepreneurial Finance	P17BAECE10	Entrepreneurship- The course helps students make better investment and financing decisions in entrepreneurial settings.	2017
MBA Master of Business Administration	Introduction to Business Analytics	P17BAEEA01	Skill Development -Provide fundamental understanding of various BA concepts and components.	2017

MBA Master of Business Administration	Database Management System	P17BAEEA02	Skill Development -To familiarise the students with major DBMS concepts	2017
MBA Master of Business Administration	Big Data Platforms	P17BAEEA05	Skill Development -Discuss technology behind big data analytics,and Explain big data management environment	2017
MBA Master of Business Administration	R for Business analytics	P17BAEEA06	Skill Development -Learn the layout and basic commands of R and Practice writing basic R scripts	2017
MBA Master of Business Administration	Advanced Statistics and Data Mining*	P17BAEEA07	Skill Development -To learn application of analytics in industry, start off with some basic data mining techniques	2017
MBA Master of Business Administration	Predictive Analytics	P17BAEEA08	Skill Development -Understand and appreciate differences and similarities between traditional analysis techniques.	2017
MBA Master of Business Administration	Machine Learning	P17BAEEA09	Skill Development -To build predictive models using advanced Machine Learning Techniques	2017
MBA Master of Business Administration	Advance Excel	P17BAECA12	Skill Development -Introduction of usage of excel as an analysis tool and understanding its various functions	2017
MBA Master of Business Administration	Elementary Hindi	P17BAECG03	Skill Development- The course gives basic competency in Hindi including Listening, Comprehension and speaking skills	2017
MBA Master of Business Administration	Yoga	P17BAECG04	Skill development- The course introduces Yoga and breathing techniques for general well being.	2017
MBA Master of Business Administration	Theatre	P17BAECG02	Skill Development - The course explains the relevance of drama & theatre in life and describe attributes of theatre to an organization	2017
MBA Master of Business Administration	Warli Art - An Introduction	P17BAECG01	Skill Development- The course introduces warli art form and trace its origin	2017
MBA Master of Business Administration	Wellness - a Basic understanding	P17BAECG05	Skill Development- The course helps the student to understand What is wellness – Physical, Mental and Social & Study the wellness score of the self and set a goal for improvement	2017
MBA Master of Business Administration	Business Avenues in Organic Agriculture	P17BAECG06	Entrepreneurship- The course aims to create awareness on organic farming	2017
MBA Master of Business Administration	Web and Social Media Analytics	P17BAEEA11	Skill Development -Use search engines and common open-source software to perform common methods of exploratory and predictive analysis	2017
MBA Master of Business Administration	Programing Language for Business Analytics	P17BAEEA12	Skill Development -Learn the layout and basic commands of programming language and writing basic programming language scripts	2017
MBA Master of Business Administration	Digital Transformation	P17BAEEA13	Skill Development -learn about Block Chain Applications. Artificial Intelligence. Internet of Things & Cloud and its impact	2017
MBA Master of Business Administration	Text Mining	P17BAEEA14	Skill Development -Providing fundamental understanding of various text mining functions.	2017
MCA Master of Computer Application	Computational Thinking for Problem Solving	P17CAT1001	Skill development -The course will help the students to enhance their computational and problem solving skills to the next level .	2017
MCA Master of Computer Application	Computer Organization	P17CAT1002	Skill development - The course will help the students to develop their skills by learning the concepts of computer organization .	2017

MCA Master of Computer Application	Empowering the Body and Enlightening the Mind	P17HET1001	Employability - These courses prepare students for their career by enhancing their life skills.	2017
MCA Master of Computer Application	Mathematics for Computer Applications	P17MAT1101	Skill development - It helps the studetns to Analyze the given problems and finding results using mathematical logic and operations.	2017
MCA Master of Computer Application	English for Pragmatic Usage	P17ENI1601	Skill development - It helps the students to develop communication skills.	2017
MCA Master of Computer Application	Professional Skills I	P17ENP2502	Skill development- The course will introduce the basics of formal written communication and will equip students to prepare themselves to be professional in written and oral.	2017
MCA Master of Computer Application	User Interface Design and Development	P17CAI3201	Skill development - This course helps the student to explore various tools and utilities to develop front-end applications	2017
MCA Master of Computer Application	Analysis of Algorithms	P17CAT3102	Skill development - This subject enhances the problem analysis skills	2017
MCA Master of Computer Application	Machine Learning & Data Analysis	P17CAT3003	Skill development - This course enables the student to learn Machine learning algorithms and Data Analysis	2017
MCA Master of Computer Application	Programming with JAVA	P17CAI3203	Skill development - This course enbales the student to dvelop object oriented based solutions using java programming language	2017
MCA Master of Computer Application	Professional Skills II	P17ENP3501	Employability - This course harnesses the soft skills	2017
MCA Master of Computer Application	Engineering Clinic –I	P17INI3600	Skill development - This practical course enables the student to explore cross-major technical skills to develop realtime solutions	2017
MCA Master of Computer Application	Web Development	P17CAI4203	Employability -This course enables the student to develop his skills to develop web based application	2017
MCA Master of Computer Application	Mobile Application Development Lab	P17CAP4501	Employability-This course enables the student to develop his skills set in moblie application development	2017
MCA Master of Computer Application	Professional Skills III	P17ENP4501	Skill development - This course harnesses the soft skills	2017
MCA Master of Computer Application	Engineering Clinic –II	P17INI4600	Skill development - This practical course enables the student to implement data analytics based solutions to realtime problems	2017
MCA Master of Computer Application	Mini Project / Industry	P17CAP5701	Skill development - It helps the students to develop various projects using recent technologies.	2017
MCA Master of Computer Application	Cloud Application Development	P17CAI5301	Skill development - To know about various cloud service providers and to be familiar with cloud concepts and applications	2017
MCA Master of Computer Application	Project Work / Industry	P17CAP6701	Skill development - It helps the studetns to develop real time project in industries.	2017
MCA Master of Computer Application	Game Development	P17CAE0004	Skill development - Helps to learn the processes, mechanics and issues in Game Design	2017
MCA Master of Computer Application	Wireless Networks	P17CAE0009	Skill development- Helps in design and implement wireless network environment for any application using latest wireless protocols and standards.	2017

MCA Master of Computer Application	Professional Ethics	P17CAE0010	Skill development - Helps in examine situations and to internalize the need for applying ethical principles, values to tackle with various situations.	2017
MCA Master of Computer Application	Domain Analytics	P17CAE0011	Skill development - The course help the students to under the various domains and develop solutions for various domain applications.	2017
MCA Master of Computer Application	Artificial Intelligence & Expert Systems	P17CAE0012	Skill development - Course make students to develop solutions for problems using various Artificial Intelligence concepts	2017
MCA Master of Computer Application	Accounting And Financial Management	P17CAE0013	Entrepreneurship - This course helps to understand the concepts of choosing the right investments, and confidence to make informed decisions about their financial futures.	2017
MCA Master of Computer Application	Data Analytics	P17CAC0209	Skill development-This course helps to analyze and interpret data using an ethically responsible approach and to use appropriate models of analysis, assess the quality of input, derive insight from results, and investigate potential issues.	2017
MCA Master of Computer Application	PHP with Laravel Framework	P17CAC0210	Skill development - This course helps to know the basics of PHP with laravel framework	2017
MCA Master of Computer Application	Amazon Web Services	P17CAC0211	Skill development - Helps to learn the basics of Amazon Web Services	2017
MCA Master of Computer Application	Digital Marketing	P17CAC0212	Skill development - Helps to learn the basics of Digital Marketing	2017
MCA Master of Computer Application	Advanced Web Development	P17CAC0213	Skill development - This course enables the student to develop his skills to develop web based application	2017
MCA Master of Computer Application	Blockchain Technologies	P17CAC0214	Skill development - Helps to know the basics of block chain technologies	2017
MCA Master of Computer Application	Problem Solving and Programming	P18CAT1001	Skill development - It helps the students to Analyze the problem and provide solutions.	2018
MCA Master of Computer Application	English for Pragmatic Usage	P18ENI1601	Skill development - It helps the students to develop communication skills.	2018
MCA Master of Computer Application	Multimedia Lab	P18CAP1502	Skill development - It helps to develop creative animations, special effect techniques .	2018
MCA Master of Computer Application	Python Programming Lab	P18CAP2502	Skill development - Helps to make use of python programming elements to solve and debug simple logical problems	2018
MCA Master of Computer Application	Data Mining and Visualization	P18CAT3003	Skill development - This course imparts knowledge on how to implement conventional models and algorithms by using data mining tools.	2018
MCA Master of Computer Application	Mini Project / Industry	P18CAP5701	Skill development - This course helps the students to develop projects using recent technologies.	2018



MCA Master of Computer Application	Project Work / Industry	P18CAP6701	Skill development- This course enables the student to pool the knowledge acquired in various technical subjects to develop enterprise solutions and work as a team in organizations	2018
MCA Master of Computer Application	Ethics in computing	P18CAE0009	Employability - This course helps to understand ethical issues in software development and social networking and to analyse the professional responsibility and empowering access to information in the work.	2018
M.E. Industrial Engineering	Research methodology and statistics	P18INT001	Employability -To explore the research methodologies and statistics concepts for research writing	2018
M.E. Industrial Engineering	Industrial Automation	P18IET1002	Employability: This course reveals the transition of conventional manufacturing setups to automated setups for better competitive advantage	2018
M.E. Industrial Engineering	Product Design and Development	P18INT0002	Skill development - This course will help the students to design a mechanical component.	2018
M.E. Industrial Engineering	Deterministic Operations Research	P18IET1005	Employability: This content orients itself towards optimal production practices through assignment, sequencing and transportation algorithms	2018
M.E. Industrial Engineering	Facilities Design	P18IET1007	Employability: This course emphasises on the location and layout issues in plant engineering along with capacity planning	2018
M.E. Industrial Engineering	Project Phase I	P18IEP3701	Skill Development – This course deals with analysis/simulation/ fabrication of product /process/system which would enable the students to improve the product development skills in real time	2018
M.E. Industrial Engineering	Project Phase II	P18IEP4701	Entrepreneurship/ skill development/Employability- Students can apply the concepts learned to solve real world problems.	2018
M.E. Industrial Engineering	Concepts in Business Analytics	P18IEE2010	Employability: This course imparts various skills and knowledge associated with data processing and business decision making	2018
M.E. Industrial Engineering	Services Operations Management	P18IEE2012	Employability: This course imparts various skills and knowledge associated with the management of services in an organisation	2018
M.E. Industrial Engineering	Productivity and Reengineering	P18IEE3013	Employability: This course will expose the students to the various types of productivity in practice and the Reengineering steps	2018
M.E. Industrial Engineering	Value Engineering	P18IEE3014	Employability/Entrepreneurship- Concepts of Value Engineering required for deciding the various aspects towards costing is enhanced in this course.	2018
M.E. Industrial Engineering	Engineering Economic Analysis	P18IEE3015	Employability/Entrepreneurship- Concepts of Economics associated with Manufacturing industry	2018
M.E. Industrial Engineering	Data Analytics	P18IEE3016	Skill development-Course enables students to learn cloud computing and mining concepts	2018
M.E. Industrial Engineering	Entrepreneurial Finance	P18IEE3017	Skill development-Course enables students to learn and practice important financial practices	2018
M.E. Computer Science and Engineering	Advanced Data Structures	P18CST1001	Skill development-Course enables students to understand and apply skills related to Advanced Data Structures	2018
M.E. Computer Science and Engineering	Mathematical foundations for Computer science	P18MAT1108	Skill development-Course enables students to apply Maths for Computer Science	2018

M.E. Computer Science and Engineering	IOT Architecture and Programming	P18CSI1202	Skill development-Course enables students to understand IoT architecture and apply IoT Programming	2018
M.E. Computer Science and Engineering	Data Analytics	P18CSI1204	Skill development-Course enables students to understand and apply Data Analytics	2018
M.E. Communication Systems	Research Methodology and Statistics	P18INT0001	Skill development- Develop knowledge on research methods and statistics	2018
M.E. Communication Systems	Cloud Services and Virtualization	P18CSI2201	Employability - Enables students to acquire skills and apply them in solving problems related to Cloud Computing and virtualization	2018
M.E. Communication Systems	Agile Software Development and Usability Engineering	P18CSI2202	Employability - Provides knowledge on software development to solve various problems in engineering industry	2018
M.E. Communication Systems	Web Programming	P18CSI2203	Employability - Provides the ability on web programming to solve real time problems	2018
M.E. Communication Systems	Project work Phase I	P18CSP3701	Skill development- Develop skills on research and new product development	2018
M.E. Communication Systems	Project work Phase II	P18CSP4701	Skill development- Develop skills on research and new product development	2018
M.E. Communication Systems	Machine learning Techniques	P18CSE0001	Employability-Appling machine learning algorithms to solve real world problems	2018
M.E. Communication Systems	Security for Internet of Things	P18CSE0002	Employability - Enables students to design IoT solution with high degree of security for engineering problem.	2018
M.E. Communication Systems	SDN and NFV for IoT	P18CSE0003	Employability - Enables students to design SDN and NFV modules for IoT based applications.	2018
M.E. Communication Systems	Blockchain Technology	P18CSE0004	Employability-Course enables students to understand and apply Blockchain Technology concepts for solving problems	2018
M.E. Communication Systems	Applied Cryptography	P18CSE0005	Employability-Course enables students to understand and apply Cryptography concepts for solving problems	2018
M.E. Communication Systems	Human Computer Interaction	P18CSE0006	Employability-This course helps students to develop various applications of human computer interaction systems.	2018
M.E. Communication Systems	Intelligent Computing and its Application	P18CSE0007	Employability-Appling computing algorithms to solve real world problems	2018
M.E. Communication Systems	Web Application Security and Secure Software Concepts	P18CSE0008	Employability - Enables students to design web applications with high degree of security.	2018
M.E. Communication Systems	Project Phase I	P18COP3701	Skill development- Develop skills on research and new product development	2018
M.E. Communication Systems	Project Phase II	P18COP3702	Skill development- Develop skills on research and new product development	2018
M.E. Communication Systems	MIMO Communication	P18COE0004	Employability - Provides an opportunity to design and analyse MIMO systems in industry	2018
M.E. Communication Systems	High Performance Networks	P18COT0004	Employability - Students can develop and test high performance networks in communication industry	2018

M.E. Communication Systems	LoRa Technology	P18COE0306	Employability - Course helps to design various IoT components using LoRa technology	2018
M.E. Communication Systems	VLSI Design Techniques	P18COE0007	Employability - Provides an opportunity to work in VLSI industry to design and fabricate integrated circuits	2018
M.E. Communication Systems	Advanced Embedded Systems	P18COE0008	Employability- Provides knowledge in embedded hardware and software tools to develop any system hence students able to get employment in core industry.	2018
M.E. Communication Systems	Computer Vision	P18COE0009	Employability-Appling computer vision based algorithms to solve real world problems	2018
M.E Structural Engineering	Applied Numerical Methods for Structural Engineering	P18MAI1201	Employability - This course will help the students to model the real life problems	2018
M.E Structural Engineering	Structural Dynamics	P18SEI2202	Skill development - The course develops skills in solving dynamic problems related to structural elements and as a whole	2018
M.E Structural Engineering	Design Studio	P18SEP2504	Entrepreneurship - The course helps in learning contemporary skills which helps in entrepreneurship	2018
M.E Structural Engineering	Finite Element Method	P18SET2001	Skill development - This course enhances the skill set related to finite element method of analysing a structure	2018
M.E Structural Engineering	Project Phase I / Industry Project	P18SEP3702	Skill development - Students develop their skills in doing research or design and enhance their technical report writing and presentation	2018
M.E Structural Engineering	Project Phase II / Industry Project	P18SEP4701	Skill development - Students develop their skills in doing research or design and enhance their technical report writing and presentation	2018
M.E Structural Engineering	Advanced Concrete Technology	P18SEI1203	Skill development - This course develops skills in concreting technology	2018
M.E Structural Engineering	Structural Health Monitoring	P18SEE0005	Skill development - Suggest the materials and techniques used for repair of structures and Decide the appropriate repair, strengthening, rehabilitation and retrofitting technique required for a case study building	2018
M.E Structural Engineering	Disaster Management	P18SEA0001	Entrepreneurship - The students gets knowledge about the disaster management strategies which helps in developing entrepreneurship	2018
M.E Structural Engineering	Smart Materials for Construction	P18SEE0004	Skill development - This course develops the skill set related to choosing from a variety of materials for construction	2018
M.Tech. Apparel Technology	Research Methodology and Statistical Analysis	P18ATI1005	Employability- The course enables the student to control the garment quality by employing statistics	2018
M.Tech. Apparel Technology	Apparel Enterprise Resource Management	P18ATI2004	Employability- the course helps the students to understand the erp used for managing resources of apparel industry	2018
M.Tech. Apparel Technology	New Product Development and Assessment	P18ATI2005	Skill development-Ability to provide solutions for real world applications	2018
M.Tech. Apparel Technology	Internship/Project Phase I	P18ATP3001	Skill development-Ability to provide solutions for real world applications	2018

M.Tech. Apparel Technology	Internship/Project Phase II	P18ATP4001	Skill development-Ability to provide solutions for real world applications	2018
M.Tech. Apparel Technology	Sports and Medical Apparels	P18ATE1005	Employability- exposure on fibres, yarns and fabrics used in sports and medical textiles	2018
M.Tech. Apparel Technology	Engineering of Apparels	P18ATE1006	Employability- exposure on various functional gatments and application of different functional finishies on garments	2018
M.Tech. Apparel Technology	Lean Manufacture & Logistics Management	P18ATE1007	Employability- Students know principles of lean manufacturing which helps to reduce unproduction time by increasing productivity	2018
M.Tech. Apparel Technology	Fashion Entrepreneurship Management	P18ATE1008	Employability- The course helps to know importance of entrepreneurs, EDP and qualities of a entrepreneur	2018
M.Tech Biotechnology	Bioprocess Modelling and Simulation	P18BTI1202	Skill Development - Provides skills to design and optimize a complete bioprocess plant	2018
M.Tech Biotechnology	Bioanalytical Techniques	P18BTI2202	Skill Development - The course primarily deals with developing the students with the skill set of spectroscopic techniques, chromatography, electrophoresis, thermal methods and structural and radioisotope based methods	2018
M.Tech Biotechnology	Bioprocess Recovery and Purification	P18BTI1203	Skill Development - The course provides the students with the skill of choice of different downstream processing like filtration, chromatography, and othe size-based methods	2018
M.Tech Biotechnology	Gene Expression and Analysis	P18BTI1201	Skill Development - The course provides the students with the skill set of generating a recombinant DNA, cloning and expression of vectors, genome mapping and sequencing and PCR based skills	2018
M.Tech Biotechnology	Computational Biology	P18BTI2203	Skill Development - The course provides the students with the skill of basics of database in biological system, sequence alignment, phylgogeny and CADD	2018
M.Tech Biotechnology	Quality control and Quality Assurance in Biomanufacturing	P18BTI2201	Skill Development - concept of quality assurance by design in industrial biomanufacturing practices of different biotechnology products.	2018
M.Tech Biotechnology	Biorefinery and sustainable technology	P18BTE0001	Skill development - the biorefining using sustainable processing of biomass into a various spectrum of bio-based products(	2018
M.Tech Biotechnology	Wastewater Treatment Technology	P18BTE0002	Skill Development - Concepts of various wastewater treatment technologies	2018
M.Tech Biotechnology	Bioremediation Technology	P18BTE0003	Skill Development - principles and concepts of different bioremediation technologies for water, soil and air	2018
M.Tech Biotechnology	Molecular Diagnostics and Therapeutics	P18BTE0004	Skill Development- Offers the student with therapeutics of diseases	2018

M.Tech Biotechnology	Cell culture and Vaccine Technology	P18BTE0005	Skill Development - The course offers the students with the skill set of preparing cell culture media, optimization for the growth and the sterilization of the media. The course is focussed in the manner to provide indepth application oreinted skills like gene transfer in plants, transgenic and commercialization	2018
M.Tech Biotechnology	Clinical Research and Management	P18BTE0006	Skill Development - Develop documentation / research writing expertise in the Clinical Trial, Research & Administration area	2018
M.Tech Biotechnology	Nanomaterials and Applications	P18BTE0007	Skill Development - Application of nanomaterial in biology	2018
M.E Embedded System Technologies	Software for Embedded Systems	P18EST1003	Employability- Provides knowledge in embedded tools to develop any design students able to place in industry	2018
M.E Embedded System Technologies	Project Work - Phase I	P18ESP3001	Skill development- Provides knowledge in harware componenets and and software tools to develop any design hence students able to enhance their skills to get employment in core industry.	2018
M.E Embedded System Technologies	Project Work - Phase II	P18ESP4001	Skill development- Provides knowledge in harware componenets and and software tools to develop any design hence students able to enhance their skills to get employment in core industry.	2018
M.E Embedded System Technologies	Digital Instrumentation	P18ESE2001	Employabilty- To understand and apply sensors based systems for projects	2018
M.E Embedded System Technologies	CMOS VLSI Design	P18ESE2002	Employability- To understand and apply the CMOS VLSI Design in projects	2018
M.E Embedded System Technologies	Embedded product development	P18ESE2005	Employabilty- helps the students to develop solutions unsing embedded systems.	2018
M.E Embedded System Technologies	Industry 4.0	P18ESE2007	Employability- To understand the techniques applied in Industry 4.0	2018
M.E Embedded System Technologies	Smart System Design	P18ESE2008	Employbility- Help to design smart systems using electronics and allied domains	2018
M.E. Environmental Engineering	Environmental Chemistry & Microbiology	P18EEI1201	Skill development- The chemistry, microbial and kinetics behind the water & pollutant degradation technology is covered in the course content ehances the graduates on improving their skills to proceed with further design works	2018
M.E. Environmental Engineering	Physio-chemical process for water and wastewater treatment	P18EET1002	Employability- The working principles and design of the physio-chemical treatment units included in the course supports the graduates for employability in domestic and Industrial effluent treatment plants (both Government & Non-Governmental sector)	2018
M.E. Environmental Engineering	Biological treatment of wastewater	P18EET1003	Employability- The working principles and design of the biological treatment units included in the course supports the graduates for employability in domestic and Industrial effluent treatment plants (both Government & Non-Governmental sector)	2018

M.E. Environmental Engineering	Solid and Hazardous Waste Management	P18EET1004	Employability- Classification and characterization of solid waste prepares the graduates to start-up non-governmental consultancy works focussed to address social related problems	2018
M.E. Environmental Engineering	Environmental Processing Laboratory	P18EEP1005	Employability- Hands on training on advanced analytical instruments and unit operation laboratory process reactors helps graduates towards employability	2018
M.E. Environmental Engineering	Air & Noise pollution Control	P18EEI2201	Employability- Overall air pollution management system in the course supports the graduates to eligible to appear for government pollution control boards and start-up consultancy works	2018
M.E. Environmental Engineering	Water Quality Modelling	P18EET2002	Employability- This course makes the graduates to formulate and apply water quality models to natural and engineered systems.	2018
M.E. Environmental Engineering	Environmental Impact Assessment	P18EET2003	Entrepreneurship- The content of the course is framed in a way to expose the students on the various environmental modelling platforms and to develop numerical /data based models and compare the same with analytical models.	2018
M.E. Environmental Engineering	Air and Water Quality Modelling Laboratory	P18EEP2004	Entrepreneurship- Scientific aspects such as predictions and evaluation of different aspects of EIA methodology support the students to develop with new start-ups and environmental assessment and audit systems	2018
M.E. Environmental Engineering	Statistical Methods For Environmental Engineers	P18MAT0001	Skill development - The graduates develop skill on the usage and implementation of various statistical tools to solve and analysis their experimental results	2018
M.E. Environmental Engineering	Unit operations for water & wastewater treatment technology	P18EEI1202	Employability- The working principles and design of the physio-chemical and biological treatment units included in the course supports the graduates for employability in domestic and Industrial effluent treatment plants (both Government & Non-Governmental sector)	2018
M.E. Environmental Engineering	Industrial/Research Internship	P18EEP3701	Employability - This course supports the students to undertake and work under the supervision of industrial personnel to create an employability	2018
M.E. Environmental Engineering	Project Phase I / Industry Project	P18EEP3702	Employability - This course supports the students to undertake recent research works through inhouse project or internshi mode to create an employability	2018
M.E. Environmental Engineering	Project Phase II	P18EEP4701	Employability - This course supports the students to undertake recent research works through inhouse project or internshi mode to create an employability	2018
M.E. Environmental Engineering	Cleaner Production & Environmental Auditing	P18EEE0001	Employability - Importance and different approaches of cleaner production in industries and to impart knowledge on environmental management tools applying cleaner production principle and to prepare graduates to attain placement in Industries	2018
M.E. Environmental Engineering	Climate Change and Adaptation	P18EEE0002	Skill development - The graduates develop the skill on Earth's Climate System and the concept of Global Warming	2018

M.E. Environmental Engineering	Environmental Analysis: Techniques & Instrumentation	P18EEE0003	Skill development - The graduates Apply analytic techniques in wastewater quality monitoring and Develop flow measuring devices using sensors and instruments for air quality monitoring	2018
M.E. Environmental Engineering	Environmental Policies & Legislations	P18EEE0004	Skill development - This course work provides an in-depth understanding of the vast field of Environmental law and policy and the study would be familiar with the overall legal regime of the country as well as international obligations.	2018
M.E. Environmental Engineering	Environmental System Analysis	P18EEE0005	Skill development: The concepts of systems and system approach lends exposure to the graduates on solving algorithms that assist decision making in case of a environmental reactor system	2018
M.E. Environmental Engineering	Industrial Wastewater treatment	P18EEE0006	Employability - The industrial treatment process and case studies enrich the students to have field experience and industrial employability	2018
M.E. Environmental Engineering	Introduction to soft computing	P18EEE0007	Skill development: The students should have learnt the fuzzy logic components and gained an insight on to neuro fuzzy modelling and control	2018
M.E. Environmental Engineering	Nanotechnology in Environmental Engineering	P18EEE0008	Skill development: The course will impart knowledge on the concept and application of Industrial pollution prevention, cleaner technologies, industrial wastewater treatment and residue management.	2018
M.E. Environmental Engineering	Occupational Health & Safety	P18EEE0009	Skill development: The student will be taught to Identify education, engineering, and enforcement controls for the prevention of occupational health and safety problems by identifying a conceptual framework for the practice of occupational health and safety	2018
M.E. Environmental Engineering	Remote Sensing and GIS for Environmental Planning & Management	P18EEE0010	Entrepreneurship - This course provide the graduates to learn and acquire skills in storing, managing digital data for planning and development.	2018
M.E. Environmental Engineering	Statistical Methods For Environmental Engineers	P18EEE0011	Skill development - The graduates develop skill on the usage and implementation of various statistical tools to solve and analysis their experimental results	2018
M.E. Environmental Engineering	Transport of water and wastewater	P18EEE0012	Skill development - the detailed design concepts related to water transmission mains, water distribution system, sewer networks and storm water drain and computer application on design facilitates skills to the graduates	2018
M.Tech. Data Sciences	Mathematics for Data Science	P18MAT1107	Employability- Apply Mathematical concepts in Data Science	2018
M.Tech. Data Sciences	Machine Learning	P18ITT1002	Employability-Applying machine learning algorithms to solve real world problems	2018
M.Tech. Data Sciences	Data Mining Techniques	P18ITI1203	Employability-Applying data mining algorithms to solve real world problems	2018
M.Tech. Data Sciences	Data Science and Analytics with Python	P18ITI1204	Employability-Applying python programming concepts to solve real world data analytics problems	2018

M.Tech. Data Sciences	Deep Learning	P18ITI2205	Employability-Learn deep learning architectures to build intelligent applications	2018
M.Tech. Data Sciences	Data Visualization	P18ITI2206	Employability-Dashboard design techniques helps in better decision making	2018
M.Tech. Data Sciences	Project Phase I / Industry Project	P18ITP3701	Skill development-The course helps the students an ability to solve real world problems with the digital solutions	2018
M.Tech. Data Sciences	Project Phase II/Industry Project	P18ITP4701	Skill development-Skill development-The course helps the students an ability to solve real world problems with the digital solutions	2018
M.Tech. Data Sciences	Big Data Technologies	P18ITI2207	Employability-Demonstrate Knowledge and conceptual clarity in big data technologies	2018
M.Tech. Data Sciences	Recommender System	P18ITE0010	Skill Development-Learn techniques to build recommended systems	2018
M.Tech. Data Sciences	Artificial Intelligence	P18ITE0011	Skill Development-Learn techniques to build intelligent applications	2018
M.Tech. Data Sciences	Streaming Analytics	P18ITE0012	Skill Development-Learn techniques to handle the data in live stream for the real world applications	2018
M.Tech. Data Sciences	Reinforcement learning	P18ITE0013	Employability -Applying the reinforcement algorithms to solve real world problems	2018
M.Tech. Data Sciences	Social Media Analytics	P18ITE0014	Employability -Applying the algorithms to solve media analytics problems	2018
M.Tech. Data Sciences	Advanced Algorithms	P18ITE0015	Skill development-Various algorithm design strategies helps to develop efficient algorithms	2018
M.Tech. Data Sciences	Blockchain Technology	P18ITE0016	Skill development -The course helps the student an Exposure to the advanced security systems	2018
M.Tech. Data Sciences	Big Data Security	P18ITE0017	Skill development-Demonstrate Knowledge and conceptual clarity in big data technologies	2018
M.Tech. Data Sciences	Information Retrieval Techniques	P18ITE0018	Skill development-Demonstrate Knowledge and conceptual clarity in retrieval techniques for the data or information	2018
M.Tech. Data Sciences	Natural Language Processing	P18ITE0019	Skill development-Demonstrate Knowledge and conceptual clarity in natural language processing techniques	2018
M.Tech. Data Sciences	Semantic Web	P18ITE0020	Skill development-Demonstrate Knowledge and conceptual clarity in semantic web	2018
M.Tech. Data Sciences	Internet of Things – Architecture and Protocols	P18ITE0021	Skill development-Learning various IoT platforms to build smart applications	2018
M.Tech. Data Sciences	English for Research Paper Writing	P18ITA0001	Skill development -This course helps the students to help them in writing the research paper	2018
M.Tech. Masters of Technology management	Engineering Research Methodology	P18TMT1104	Skill development: develop skill on research methods	2018
M.Tech. Masters of Technology management	Business Operations and Strategy	P18TMT1105	Employability : Provides employment opportunity in manufacturing industry	2018



M.Tech. Masters of Technology management	Managerial Economics	P18TMT1106	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Artificial Intelligence & Machine Learning	P18TMP1501	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Agile Product Management	P18TMT2104	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Industrial Digital Transformation	P18TMT2105	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Project Management	P18TMT2106	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	MSME Practicum	P18TMP3703	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Industrial Practicum- Phase 1	P18TMP3704	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Industrial Practicum- Phase 2	P18TMP4705	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Global/National Immersion	P18TMP4706	Employability : Provides employment oppurtunity in manuaufacturing industry	2018
M.Tech. Masters of Technology management	Management of Textile Production	P18TME0001	Employability : Provides employment oppurtunity in Textile manuaufacturing industry	2018
M.Tech. Masters of Technology management	Apparel Production	P18TME0002	Employability : Provides employment oppurtunity in Textile manuaufacturing industry	2018
M.Tech. Masters of Technology management	Apparel Technology Management	P18TME0003	Employability : Provides employment oppurtunity in Textile manuaufacturing industry	2018
M.Tech. Masters of Technology management	Strategic Technology Management in the Textile Complex	P18TME0004	Employability : Provides employment oppurtunity in Textile manuaufacturing industry	2018
M.Tech. Masters of Technology management	Global Perspectives in Textiles Supply Chain Management	P18TME0005	Employability : Provides employment oppurtunity in Textile manuaufacturing industry	2018
M.Tech. Masters of Technology management	Applied Design Thinking	P18TME0034	Emplayability :It motivates them to think differently and apply them to solve the real world problems	2018
M.Tech. Masters of Technology management	Industrial Design & Development	P18TME0035	Emplaybilty and Skill development: Student will develop the skills of Industrial design aspects and practical application in working environment	2018
M.Tech. Masters of Technology management	IPR Fundamentals and Patent Drafting	P18TME0036	Skill Development, Entrepreneurship : Understand the patent procedure and how to draft the patent filing	2018
M.Tech. Masters of Technology management	Rapid Prototyping Fundamentals	P18TME0037	Skill Development : Understand the nitigrties wrt to Rapid prototyping	2018
M.Tech. Masters of Technology management	Supply Chain Management	P18TME0038	Emplaybilty and Skill development: Studentwill understand the different aspects of Supply chain management and its effectiveness in business arena	2018

M.Tech. Masters of Technology management	Nascent Market Strategies	P18TME0039	Entrepreneurship: This will guide the students to understand the market and how to strategize their business	2018
M.Tech. Masters of Technology management	Organisation Behavior and Change Management	P18TME0040	Skill Development: This will help the students to understand the Organisations and their behavior and how to apply the change management in the business	2018
M.Tech. Masters of Technology management	Knowledge Management	P18TME0058	Skill Development: Various aspects of Knowledge management in AI and ML area and how to apply them	2018
M.Tech. Masters of Technology management	New Product Strategies	P18TME0059	Employability and Skill Development: How to identify the new products, development strategy and deep dive into business solutions	2018
M.Tech. Masters of Technology management	Lean Six Sigma	P18TME0043	Skill Development, Employability: Students will know more about the concepts of Lean and Sigma and application of them in business, corporate	2018
M.Tech. Masters of Technology management	Finance for Engineers	P18TME0044	Skill development: Students will learn different tools and techniques to manage their finance, how to write the finance statement, how to prepare the proposal and the financial statements	2018
M.Tech. Masters of Technology management	Digital Marketing	P18TME0045	Skill Development, Entrepreneurship: Learn new age marketing techniques like social media and so	2018
M.Tech. Masters of Technology management	Entrepreneurial Mindset and Methods	P18TME0046	Entrepreneurship: students will develop Entrepreneurial Mindset and think about startups	2018
M.Tech. Masters of Technology management	Data Mining Techniques	P18TME0047	Employability-Appling data mining algorithms to solve real world problems	2018
M.Tech. Masters of Technology management	Data Science & Analytics with Python	P18TME0048	Employability-Appling python programming concepts to solve real world data analytics problems	2018
M.Tech. Masters of Technology management	Data Visualization	P18TME0049	Employability-Dashboard design techniques helps in better decision making	2018
M.Tech. Masters of Technology management	Big Data Technologies	P18TME0050	Employability-Demonstrate Knowledge and conceptual clarity in big data technologies	2018
M.Tech. Masters of Technology management	Block Chain Technology	P18TME0051	Skill development -The course helps the student an Exposure to the advanced security systems	2018
M.Tech. Masters of Technology management	Artificial Intelligence	P18TME0052	Skill Development-Learn techniques to build intelligent applications	2018
M.Tech. Masters of Technology management	Environmental Sustainability	P18TME0053	Skill Development: Understand the drivers and enablers of Environmental Sustainability, Challenges opportunities	2018
M.Tech. Masters of Technology management	Industrial Sustainability	P18TME0054	Skill Development: Understand the Life cycle Analysis of a product and how to apply the concept of Clean and Lean Manufacturing	2018
M.Tech. Masters of Technology management	Supply Chain and Procurement Sustainability	P18TME0055	Skill Development: Students will appreciate the smartness in FMMG Supply chain, Inventory and logistics handling and how to sustain in manufacturing industry	2018
M.Tech. Masters of Technology management	Textile Sustainability and Innovation	P18TME0056	Skill Development- Develop skill on sustainable textile production concepts and practices	2018

M.Tech. Masters of Technology management	Circular Economy for Enterprise Innovation	P18TME0057	Skill Development: Understand and appreciate the circular economy concepts , desifg for future and regarding collaborative and Joint ventures	2018
M.E. Construction Management	Statistical Methods for Management	P18MAT1001	Employability-To understand and apply statistical tools for problem solving.	2020
M.E. Construction Management	Project Management in Construction	P18CMT1001	Employability - This course help the students to know about the project management skills	2020
M.E. Construction Management	Construction Economics and Finance	P18CMT1002	Entrpreneurship - This course help in fund allocation, scheduling and managing	2020
M.E. Construction Management	Resource Planning and Management	P18CMT1003	Entrepreneurship - Student will learn about various resource can be allocated for a project	2020
M.E. Construction Management	Construction Equipment and Methods	P18CMT1004	Employability - Students will be exposed to various construction equipments and the methods of utilising them for different purposes	2020
M.E. Construction Management	Construction Engineering Laboratory	P18CMP1505	Skill Development - The course is designed to enhance the skill in various testing methods and tools	2020
M.E. Construction Management	Building Information Management	P18CMT2001	Employability - BIM has present industry demands this increases the chances of employability	2020
M.E. Construction Management	Project Formulation and Appraisal	P18CMI2302	Entrepreneurship - This course exposes the students about project feasibility and how to identify source funds	2020
M.E. Construction Management	Construction Contracts and Legal disputation	P18CMT2003	Entrepreneurship - Various laws and regulations regarding project procurement will be discussed in this course.	2020
M.E. Construction Management	Managerial Skills Workshop	P18CMP2504	Employability - Helps students to understand about career management and boost the performance as a manager	2020
M.E. Construction Management	Construction Management Lab	P18CMP2505	Employability - Develops the skills in management and resource allocation software	2020
M.E. Construction Management	Construction Quality and Safety Management	P18CMT3001	Entrepreneurship - learn to avoid construction accidents, suggest safety programmes and apply quality control aspects in planning and management	2020
M.E. Construction Management	In-Plant Training	P18CMP3702	Employability - This course supports the students to undertake and work under the supervision of industrial personnel to create an employability	2020
M.E. Construction Management	Project Phase-I	P18CMP3703	Employability - This course supports the students to undertake recent research works through inhouse project or internshi mode to create an employability	2020
M.E. Construction Management	Project Phase-II	P18CMP 4701	Employability - This course supports the students to undertake recent research works through inhouse project or internshi mode to create an employability	2020
M.E. Construction Management	Integrated Building Service Management	P18CME0001	Employability- Understand and apply Integrated Building Service Management systems.	2020
M.E. Construction Management	Risk and Due Diligence	P18CME0002	Skill Development - Students will be able to develop skills on risk assessment	2020
M.E. Construction Management	Energy Efficient Buildings	P18CME0003	Skill Development - The course develops skill regarding reduction of energy consumption in projects	2020

M.E. Construction Management	Value Engineering	P18CME0004	Skill Development - conduct valuation for different types of assets and prepare report on valuation, perform life cycle cost analysis of projects	2020
M.E. Construction Management	Human Resources Management in Construction	P18CME0005	Entrepreneurship - Implement practices and techniques for evaluating performance, structuring teams, coaching and mentoring people	2020
M.E. Construction Management	Prefabricated Techniques and Management	P18CME0006	Employability - Students will develop the knowledge on current trends in precast industry	2020
M.E. Construction Management	Lean Construction Concepts, Tools & Practices	P18CME0007	Employability - Apply the basics of lean management principles and their evolution from manufacturing industry to construction industry	2020
M.E. Construction Management	Neural Fuzzy and Expert Systems	P18CME0008	Skill development: The students should have learnt the fuzzy logic components and gained an insight on to neuro fuzzy modelling and control	2020
M.E. Construction Management	Quantitative Techniques for Management	P18CME0009	Entrepreneurship - Students will be able to learn about the decision making and problem solving techniques	2020
M.E. Construction Management	Automation in Construction Industry	P18CME0010	Skill Development -Understand the application of building management system and automation in on and off site projects	2020
M.E. Construction Management	Construction Site Administration and Control	P18CME0011	Employability - Overcome the factors affecting the project productivity and Make the project communication with various agencies involved in the project	2020
M.E. Construction Management	Real Estate Practices and Management	P18CME0012	Entrepreneurship- o understand various methods of depreciation, tax and cost analysis of construction land followed by cost estimating.	2020
M.E. Construction Management	Disaster Management and Mitigation	P18CMO0001	Entrepreneurship - The students gets knowledge about the disaster management strategies which helps in developing entrepreneurship	2020
M.E. Applied Electronics	Industrial Automation	P18AET2003	Employability - This course helps students to Develop PLC diagram & implement the Automation technique used in Industry	2018
M.E. Applied Electronics	Project Phase I / Industry Project	P18AEP3701	Skill development - Students develop their skills in doing research or desgin and enhance their technical report writing and presentation	2018
M.E. Applied Electronics	Project Phase II/ Industry Project	P18AEP4701	Skill development - Students develop their skills in doing research or desgin and enhance their technical report writing and presentation	2018
M.E. Applied Electronics	Autotronics and Autonomous Systems	P18AEE0004	Employability - This course helps students to develop and test autonomous systems in Industry	2018
M.E. Applied Electronics	Human Assist Devices	P18AEE0005	Employability - Able to design and fabricate various human assist devices in electronics industry	2018
M.E. Applied Electronics	System on Chip Design	P18AEE0008	Employability - Provides an opportunity to work in VLSI industry to design and fabricate integrated circuits	2018
M.E. Applied Electronics	Pattern Recognition	P18AEE0009	Employability - This course helps students to develop supervised and unsupervised learning algorithms to recognise various patterns.	2018

M.E. CAD / CAM	Advanced Computer Aided Design	P18CCI1201	Employability - This course will help the students to design a product by applying the basis of 3d concepts.	2018
M.E. CAD / CAM	Computer Aided Manufacturing	P18CCI1203	Employability- This course will help the students to design and implementing the cad ,cam and cae in manufacturing system.	2018
M.E. CAD / CAM	Additive Manufacturing and Tooling	P18CCT2002	Employability - This course will help the students to design a product on the basis of rapidprototyping compet.	2018
M.E. CAD / CAM	Metrology and Non Destructive Testing	P18CCT2003	Employability - This course will help the students to design a product on the basis of metrology and NDT competency	2018
M.E. CAD / CAM	Manufacturing System and Simulation	P18CCE2004	Employability - This course will help the students to design a product on the basis of simulation in manufacturing.	2018
M.E. CAD / CAM	Project Phase I / Industry Project	P18CCP3701	Skill development - this course will help the students to get knowledge in design the product based on design concepts.	2018
M.E. CAD / CAM	Project Phase II	P18CCP4701	Entrepreneurship/ skill development/Employability- Students can apply the concepts learned to solve real world problems.	2018
M.E. CAD / CAM	Industrial Robotics	P18CCE2002	Employability - This course will help the students to design the robot for work handling system.	2018
M.E. CAD / CAM	Computer Integrated Manufacturing	P18CCE2003	Employability- to understand the integrating of computer with manufacturing process.	2018
M.E. CAD / CAM	Product Life Cycle Management	P18CCE3001	Employability : This course imparts knowledge and skill associated with various stages of product life from ideation to retirement	2018
M.E. CAD / CAM	Design for Internet of Things	P18CCE3005	Employability: This course provides knowledge about integration of various sensor devices coupled with communication and processing the information followed by decision making	2018
M.E. Power Electronics and Drives	Power Electronics for Wind and Solar Energy Systems	P18PET2003	Employability- Provides knowledge in concepts of drives and applications, student to get employment in power industry.	2018
M.E. Power Electronics and Drives	Switch Mode Power Conversion	P18PET2002	Employability- Provides knowledge in concepts of SMPS and applications, student to get employment in application based industry.	2018
M.E. Power Electronics and Drives	Microcontroller and DSP based System Design	P18PET1003	Employability- Provides knowledge in embedded and DSP processor to develop any system, hence student to get employment in product based industry.	2018
M.E. Power Electronics and Drives	Industrial Control Electronics	P18PET1004	Employability- Provides knowledge in electronic system and control to develop any system, hence student to get employment in process based industry.	2018
M.E. Power Electronics and Drives	Project Work - Phase I	P18PEP3001	Skill development- Provides knowledge in hardware components and software tools to develop any design hence students able to enhance their skills to get employment in core industry.	2018
M.E. Power Electronics and Drives	Project Work – Phase II	P18PEP4001	Skill development- Provides knowledge in hardware components and software tools to develop any design hence students able to enhance their skills to get employment in core industry.	2018

M.E. Power Electronics and Drives	Smart Grid	P18PEE2001	Employability- to understand smart grid technology.	2018
M.E. Power Electronics and Drives	Automotive Electrical and Electronic Systems	P18PEE2004	Employability- To understand and apply Electrical and Electronic Systems for projects	2018
M.E. Power Electronics and Drives	Special Electrical Machines and Controllers	P18PEE2009	Employability- To gain knowledge on the applications and concepts of Special Electrical Machines and Controllers	2018
M.E. Power Electronics and Drives	System Theory	P18PEE2011	Employability-to model the systems mathematically and control it.	2018
M.E. Power Electronics and Drives	Analysis of Inverters	P18PEE2007	Employability- To apply semiconductor devices in projects.	2018
Common to all programmes	Theory Behind Airplane: From Birds to Human Flight	U15AEOE06	Employability,Skill development- Helps understand and apply the knowledge in aero space industry.	2017
Common to all programmes	Satellite Systems and Applications	U15AEOE07	Employability-understand and analyze satellite systems and applications	2017
Common to all programmes	Basics of Aeroplanes and Human Life	U15AEOE08	Employability-enables the student to explore the basics of aero machine	2017
Common to all programmes	Design of Automotive Electronic Control Unit (ECU )	U15AU0E35	Employability- Provides the basic knowledge on Electronic Control Unit (ECU) and hands-on training to develop application specific Electronic Control Unit.	2017
Common to all programmes	Sustainable Technologies	U15BTOE06	Employability- To understand and develop Sustainable solutions.	2017
Common to all programmes	Food Processing And Its Value Addition	U15BTOE07	Skill Development - The course provides the students with the skill of pre-processing of foods, processing using steam and water, processing using hot air and oil and preservation using low temperature methods.	2017
Common to all programmes	Academic Skills and Research Ethics	U15BTOE09	Skill development- Helps to focus on research and higher studies	2017
Common to all programmes	Biology for Engineers	U15BTOE01	Skill development-to know about the basics of biology for engineering domain	2017
Common to all programmes	Intellectual Property Rights	U15BTOE03	Employability -Provide knowledge on patent writing, hence students able to design innovative products.	2017
Common to all programmes	Introduction to Climate and Water/Climate Change Impact on Water Resources	U15CEOE05/P15 SEOE01	Entrepreneurship,employability- to understand Climate and Water/Climate Change Impact on Water Resources and apply in engineering solutions	2017
Common to all programmes	Fundamentals of Soil and Water Conservation Engineering	U15CEOE06	Entrepreneurship,employability- to apply soil and Water Conservation Engineering techniques in engineering solutions	2017
Common to all programmes	Green Building Concept and Design	U15CEOE07	Employability, Entrepreneurship- to understand and apply Green Building design concepts	2017
Common to all programmes	Landscape Designing	U15CEOE08	Employability- To understand and apply landscape designing techniques	2017
Common to all programmes	Green Building Design- Civil Engineering Focussed Tools and Techniques	U15CEOE09	Employability, Entrepreneurship- to understand and apply Green Building design concepts	2017
Common to all programmes	Sustainable Technologies and Circular Economy	U15CEOE10	Employability- To understand Sustainable Technologies and Circular Economy	2017

Common to all programmes	Data Structures and Applications	U15CSOE09	Employability - Enables students to understand the basic data structures and realize its application	2017
Common to all programmes	Database Application Development using Open Source Technologies	U15CSOE03	Employability,skill deveopment- Skill for Employability	2017
Common to all programmes	Social Data Analysis and Visualization	P15CSOE02	Employability- to understand and apply Social Data Analysis and Visualization in engineering solutions	2017
Common to all programmes	Web Programming with XML	U15CSOE02	Employability- Programming skill for employability	2017
Common to all programmes	Web Design	U15CSOE14	Employability - Provides the skill to develop web application using various tools	2017
Common to all programmes	Deep Learning for Computer Vision with Python and R	U15CSOE16	Employability- Programming skill for employability	2017
Common to all programmes	Introduction to Internet of Things for Core Engineering	U15CSOE18	Employability - understand the fundamentals of IoT and identify applications. Design a IoT solution for engineering problem.	2017
Common to all programmes	AI and Deep Learning Fundamentals	U15CSOE22	Employability- Programming skill for employability	2017
Common to all programmes	2D Graphic Designing	U15CSOE19	Employability- Graphics skill for employability	2017
Common to all programmes	Virtual Instrumentation	U15ECO15	Employability - Students can work on data acquisition and data logger domains in instrumentation design industry	2017
Common to all programmes	Autotronics - An Introduction to Smart Vehicles	U15ECO19	Employability-An Introduction to Smart Vehicles	2017
Common to all programmes	Basics of Electrification	U15EEO06	Employability- To understand basics of electrification	2017
Common to all programmes	Electrical Wiring, Estimation and Costing	U15EEO08	Employability- To understand and apply Electrical Wiring, Estimation and Costing	2017
Common to all programmes	Matlab for Engineering Applications	U15EEO09	Employability- Provides knowledge in MATLAB for Engineering Applications, hence student to get employment in core industry	2017
Common to all programmes	Programmable Logic Controller (PLC) for Textile Applications	U15EEO10	Employability- To understand and apply Programmable Logic Controller (PLC) for Textile Applications	2017
Common to all programmes	Intellectual Property Rights and Commercialization	U15EEO11	Employability -Provide knowledge on pattent writing , hence students able to design and market innovative products	2017
Common to all programmes	Automation Made Easy – Micro to Macro	U15EIOE08	Employability - The course helps to Learn the basic concepts of Industrial automation	2017
Common to all programmes	Instrumentation for Learners	U15EIOE09	Employability- To understand and use Intrumentation at work place.	2017
Common to all programmes	Creative Art and Craft	U15FTOE08	Entrepreneurship- exposure on various techniques in arts and crafts	2017
Common to all programmes	Introduction to Yoga and Stress Management	U15HEOE01/P15HEOE01	Employability- Work as a team and handle critical situations at work place.	2017
Common to all programmes	A Naturalist Training Program	U15HEOE02/P15HEOE02	Skill development- elevate passionate nature lovers into well informed nature lovers or amateur naturalists with elementary knowledge on the above.	2017
Common to all programmes	Basics of Bharatanatyam	U15HEOE03P15HEOE03	Skill development- this skill helps to inculcate self discipline and work in a team effectively.	2017

Common to all programmes	Music: Indian Classical Music Decoded	U15HEOE04/P15 HEOE04	Skill development-To enhance musical skills	2017
Common to all programmes	Psychology: Transactional Analysis	U15HEOE05/P15 HEOE05	Skill development-used to analyses this process of transactions in communication with others	2017
Common to all programmes	Advanced Photography and Orientation to Wildlife Photography	U15HEOE06/P15 HEOE06	Employability- To understand Digital Photography techniques used in wild life photography.	2017
Common to all programmes	Theatre Arts	U15HEOE07/P15 HEOE07	Skill development-an art concerned almost exclusively with live performances in which the action is precisely planned to create a coherent and significant sense of drama	2017
Common to all programmes	Epigraphy, Art & Architecture	U15HEOE08/P15 HEOE08	Skill deveopment-Supports team building and enhance critical thinking	2017
Common to all programmes	Organic Farming	U15HEOE09/P15 HEOE09	Employability- To understand Organic Farming	2017
Common to all programmes	Spoken Hindi	U15HEOE10/P15 HEOE10	Skill development-To explore the indian language for communication skill improvement	2017
Common to all programmes	Aptitude & Soft Skills Enhancement Programme	U15HEOE11/P15 HEOE11	Employability, Skill development-Skill for employability	2017
Common to all programmes	Mastering The Sixth Sense	U15HEOE12/P15 HEOE12	Skill development- this skill helps the students to work in a team effectively.	2017
Common to all programmes	Tamizhaga Varalarum Tamizhar Panbadum	U15HEOE13/P15 HEOE13	Skill deveopment-To understand Tamizhaga Varalarum Tamizhar Panbadum for solving societalproblems	2017
Common to all programmes	Understanding Indian Society	U15HEOE14/P15 HEOE14	Entrepreneurship,employability-Skill for Entrepreneurship	2017
Common to all programmes	Scientific Evidences of Afterlife	U15HEOE15/P15 HEOE15	Skill deveopment- Knowledge about Scientific Evidences of Afterlife	2017
Common to all programmes	An Insight Into Proto - Indo –European Mythology	U15HEOE16/P15 HEOE16	Employability- Helps to understand Indo –European Mythology	2017
Common to all programmes	Global Social Development	U15HEOE17/P15 HEOE17	Employability- To develop solutions for global and social development	2017
Common to all programmes	Greatness of Natural Foods & Nutrition	U15HEOE18/P15 HEOE18	Employability- Helps to understand Greatness of Natural Foods & Nutrition and marketing	2017
Common to all programmes	Neuro Linguistic Programing	U15HEOE19/P15 HEOE19	Employability-To understand and apply Neuro Linguistic Programing techniques for real world problems solving.	2017
Common to all programmes	Film Direction And Script Writing	U15HEOE20	Skill development, Employability- This skill helps to work in flim industry.	2017
Common to all programmes	Introduction to Philosophy	U15HEOE21	Employability- helps the students to develop environmental friendly solutions to the real world problems.	2017
Common to all programmes	Musicology	U15HEOE22	Skill development - helps the students to understand and apply engineering knowledge in music.	2017
Common to all programmes	Life Design	U15HEOE23	Employability- team buliding	2017



Common to all programmes	How to Crack Services Selection Board	U15HEOE24	Employability- to help the students to participate in competitive exams.	2017
Common to all programmes	Sustainable Development and Living	U15HEOE25	Employability, Skill development- Helps to give sustainable solutions for the real world problems.	2017
Common to all programmes	Drafting Personal Constitution and Shaping Life	U15HEOE26	Employability -to inculcate self discipline and team building	2017
Common to all programmes	Social Work Methods & Its Relevance in Professional Settings	U15HEOE27	Entrepreneurship,Employability- Understand and apply Social Work Methods & Its Relevance in Professional Settings	2017
Common to all programmes	Governance In India	U15HEOE28	Employability- To understand Governance In India	2017
Common to all programmes	Digital Photography	U15HEOE29	Employability- To understand and apply Digital Photographic techniques	2017
Common to all programmes	Freedom Film Making- For A New Generation	U15HEOE30	Employability- To understand Freedom Film Making- for A New Generation	2017
Common to all programmes	Professional Tamil For Engineers	U15HEOE31	Employability- To understand Professional Tamil for Engineers which needed for government jobs.	2017
Common to all programmes	Public Policy for Future Technologies	U15HEOE32	Entrepreneurship,Employability- Understand and apply Public Policy for Future Technologies	2017
Common to all programmes	Campus To Corporate	U15HEOE33	Employability- team buliding.	2017
Common to all programmes	Winning Mindset For Engineering Success	U15HEOE34	Entrepreneurship- Skill for entrepreneurship	2017
Common to all programmes	A Practical Approach To Data Science In Python	U15CSOE11	Employability - The course provides the skill to perform data analysis using Python Programming language	2017
Common to all programmes	Internet Of Things	U15ITOE02	Skill development - Able to understand IoT concepts and protocols, WoT and cloud computing. Realize the various IoT applications	2017
Common to all programmes	Game Playing And Designing	U15ITOE05	Employability- Provides opportunities in data science field.	2017
Common to all programmes	Data Analytics Using Python	U15CSOE20	Employability - provides the ability to perform data analytics and visualization using Python.	2017
Common to all programmes	Android Development With Java	U15CSOE21	Employability - provides the skill to develop android mobile application using Java	2017
Common to all programmes	Basic Skills For Office Automation	U15ITOE08	Entrepreneurship,employability-Skill for office automation	2017
Common to all programmes	Computer Maintenance	U15CSOE15	Employability - Provides skill in computer hardware repair , maintenance and troubleshooting	2017
Common to all programmes	Design Thinking	P15MBOE01	Entrepreneurship- The course introduces the key tenets k of design thinking	2017
Common to all programmes	The Art of Advertising And Communication	P15MBOE02	Skill development-to develop advertisement skills for promoting product sales	2017
Common to all programmes	Global Business Cultures	P15MBOE03	Entrepreneurship-To understand international business standrads	2017
Common to all programmes	Social Media Marketing	P15MBOE04	Employability-'To apply marketing startegies for social media applications	2017
Common to all programmes	Disruptive Thinking	P15MBOE05	Employability-Enables the student to think in modern way of approaching problems	2017
Common to all programmes	Import And Export Procedure	P15MBOE06	Entrepreneurship-detailed study of International Marketing, Exports Procedures / Imports Procedures, Economic Survey so on	2017

Common to all programmes	Introduction To Constitutional Law	P15MBOE07	Employability-To know about Indian constitutional law	2017
Common to all programmes	Personal Investment Management	P15MBOE08	Entrepreneurship-To explore investment principles	2017
Common to all programmes	Self Awareness And Leadership	P15MBOE09	Entrepreneurship-To develop one's leadership skills for entrepreneurship	2017
Common to all programmes	Introduction to Project Management	P15MBOE10	Employability-To know about project management principles	2017
Common to all programmes	Social Entrepreneurship	P15MBOE11	Entrepreneurship- this course helps students to gain managerial and leadership skills necessary for building organizations and ecosystems that address social problems.	2017
Common to all programmes	Corporate Social Responsibility and Social Marketing	P15MBOE12	Entrepreneurship,employability- Skill for entrepreneurs	2017
Common to all programmes	Cost Accounting	P15MBOE13	Entrepreneurship,employability- Skill for entrepreneurs	2017
Common to all programmes	Critical Thinking Through Case Studies	P15MBOE14	Skill development-To know about various various of thinking	2017
Common to all programmes	Accountancy For First Generation Entrepreneur	P15MBOE16	Entrepreneurship- Helps to understand Accountancy for First Generation Entrepreneur	2017
Common to all programmes	Self-Awareness And Personal Leadership	P15MBOE17	Entrepreneurship-Skill for entrepreneurship	2017
Common to all programmes	Applied Design Thinking	P15MBOE18	Employability- Understand and apply design thinking techniques	2017
Common to all programmes	Personal Taxation	P15MBOE19	Skill deveopment- Knowledge about taxation	2017
Common to all programmes	Entrepreneurial Finance	P15MBOE20	Entrepreneurship- The course helps students make better investment and financing decisions in entrepreneurial settings.	2017
Common to all programmes	Process Excellence	P15MBOE21	Employability- This content helps to plan the process effectively	2017
Common to all programmes	Business Plan Development	P15MBOE22	Entrepreneurship- Helps to understand Business Plan Development	2017
Common to all programmes	Process Safety Management	P15MBOE23	Employability- Helps to understand and apply process safty management tecniques in industries	2017
Common to all programmes	Marketing And Business Strategy For Beginners	P15MBOE24	Employability- To understand Marketing and Business Strategy	2017
Common to all programmes	Exim Management- An Complete Inclusive On Export Import Management	P15MBOE25	Entrepreneurship- Helps to understand Exim Management	2017
Common to all programmes	Fundamentals of Logistics for Exports and Imports	P15MBOE26	Employability- Helps to understand Import and Export Procedure	2017
Common to all programmes	Digital Marketing	P15MBOE27	Skill Development - The course is designed to cope up with the latest techniques ,practices and functionalites of online and digital platforms	2017
Common to all programmes	Composite Materials and its Applications	U15MEOE04	Employability-to understand and analyse the composite material properties and enhance the applications of new materials for sustainability.	2017
Common to all programmes	Computer Aided Design & Manufacturing	U15MEOE01	Employability- This course will help the students to design and implementing the cad ,cam and cae in manufacturing system.	2017

Common to all programmes	Research Scope on Heat Transfer Enhancement Techniques	U15MEOE05	Skill development--Heat Transfer laboratory provides fundamental and industrial knowledge about modes of heat transfer, like conduction, convection and radiation, and their application	2017
Common to all programmes	Unconventional Machining Process	U15MEOE06	Employability- Understand and apply unconventional machining process	2017
Common to all programmes	Industrial Safety	U15MEOE03	Employability-Understand and apply industrial safety measures in the workplace.	2017
Common to all programmes	Basic Race Car Design and Fabrication Techniques	U15MEOE09	Entrepreneurship- helps to build race car design and manufacturing industry.	2017
Common to all programmes	Introduction to Digital Manufacturing Using 3D Modeling	U15CSOE17	Employability - provides skill to create technical designs using 3D computer modelling software	2017
Common to all programmes	Welding Processes and Technology	U15MEOE07	Employability-To understand welding technologies	2017
Common to all programmes	Low Cost Automation	U15MCOE05	Employability - able to design and apply the low cost automation techniques	2017
Common to all programmes	Mechanics in Cricket	U15MCOE04/P15 IEOE01	Employability - able to gain knowledge in mechanics of cricket	2017
Common to all programmes	Automation in Agriculture	U15MCOE07	Employability- helps the students to understand and apply automotive equipments used in agriculture.	2017
Common to all programmes	Robotics For Engineers	U15MCOE01	Employability - Students can design and test robotics modules in automation industry	2017
Common to all programmes	Magics and Mechanics – Mechanics for Circuit Branches	U15MCOE08	Employability- this concepts helps the students to work on interdisciplinary problems.	2017
Common to all programmes	Nature Inspired Optimization Techniques	U15MCOE09	Employability- To understand and apply nature inspired optimization techniques for real world problems solving.	2017
Common to all programmes	Green Chemistry and Engineering	U15CHOE03/P15 CHOE03	Employability -helps to develop sustainable and environmental friendly solutions	2017
Common to all programmes	Insights on Environment and Ecology for Competitive Exams	U15CHOE02/P15 CHOE02	Employability- Helps the students to face Competitive Exams	2017
Common to all programmes	Chemistry in Design And Fabrication of PCB	U15CHOE01/P15 CHOE03	Employability- Gives insights into Design And Fabrication of PCB	2017
Common to all programmes	Applications of Nano Engineering Materials	U15CHOE04/P15 CHOE04	Employability- Understand and apply Nano Engineering Materials for solving engineering problems	2017
Common to all programmes	Nutrition, Health and Wellness Science (NHWS-18)	U15CHOE06/P15 CHOE06	Skill development- Inculcate self discipline, Skills to handle critical situations and team work	2017
Common to all programmes	Laser For Engineering Material Processing	U15CHOE05/P15 CHOE05	Employability- Understand and apply Laser for Engineering Material Processing	2017
Common to all programmes	Art of Public Speaking	U15ENOE01/P15 ENOE01	Skill development -This course will help students develop their public speaking skills	2017
Common to all programmes	Human Rights and RTI Act	U15ENOE02/P15 ENOE02	Skill development-Employability- understand Human Rights and RTI Act	2017
Common to all programmes	Japanese Language (Basic) and Culture	U15ENOE08/P15 ENOE08	Employability, Skill development- Helps the students work in Japanese based industries.	2017

Common to all programmes	Indian Government and Politics	U15ENOE09/P15 ENOE09	Employability- To understand government politics	2017
Common to all programmes	Art of Research Paper Writing/How to Do Literature Review	U15ENOE06/P15 ENOE06	Skill development -This course helps the students to help them in writing the research paper	2017
Common to all programmes	Creative Writing Through Literature	U15ENOE03/P15 ENOE03	Skill development -This course will help students develop their language skills and communication skills through literature	2017
Common to all programmes	Indian Heritage & Self Realization	U15ENOE04/P15 ENOE04	Employability-To understand the indian heritage and culture	2017
Common to all programmes	Mass Communication and Journalism	U15ENOE05/P15 ENOE05	Employability -This course will help students to focus on Journalism where an opportunity to be in	2017
Common to all programmes	English for Effective Communication	U15ENOE07/P15 ENOE07	Skill development -This course will enhance communication skills along with language skills where students can make use in their career.	2017
Common to all programmes	Working Tamil for Engineers	U15ENOE10/P15 ENOE10	Employability- To understand Professional Tamil for Engineers which needed for government jobs.	2017
Common to all programmes	Spoken French	U15ENOE11	Employability, Skill development - to apply for job and higher studies in foreign countries.	2017
Common to all programmes	English Language Techniques	U15ENOE12	Employability-This course will enhance the nuances of language skills where students can identify and rectify their errors in language.	2017
Common to all programmes	German Language	U15ENOE13	Employability, Skill development - to apply for job and higher studies in foreign countries.	2017
Common to all programmes	Mathematics For Competitive Examinations	U15MAOE01/P1 5MAOE01	Skill Development - The course will enhance the problem solving skill	2017
Common to all programmes	Mathematics For Entrepreneurs	U15MAOE02/P1 5MAOE02	Skill Development - The course will enhance the problem solving skill	2017
Common to all programmes	Vedic Mathematics	U15MAOE03/P1 5MAOE03	Skill Development - The course will enhance the problem solving skill	2017
Common to all programmes	Introduction to Nanotechnology	U15PHOE01	Employability-This course enables the students to do research in nanotechnology	2017
Common to all programmes	Research Scope for Nanomaterials	U15PHOE02	Employability-This course enables the students to do research in nanomaterials	2017
Common to all programmes	A Practical Course on Laser and Photonics in Engineering Applications	U15PHOE03	Employability- Understand and apply Laser and Photonics in engineering solutions .	2017
Common to all programmes	Plasma Applications in Engineering and Technology	U15PHOE04	Employability- To understand Plasma Applications in Engineering and Technology	2017
Common to all programmes	Smart Materials: Need of The Hour for Renewable Energy Resources	U15PHOE05	Employability- To understand Smart Materials: Need of the Hour for Renewable Energy Resources	2017
Common to all programmes	Insights Into Materials for Engineering Applications	U15PHOE06	Employability- To understand and apply Materials for Engineering Applications	2017

Common to all programmes	Natural Dyes: In Medicine and Food	U15TXOE06	Employability- To understand Several types of natural dyes have been used in pharmaceutical products such as food, beverages, cosmetics and drug additives	2017
Common to all programmes	New Product Development & Assessment In Textile Yarn and Fabrics	U15TXOE07	Skill development-Ability to provide solutions for the problems in Textile Yarn and fabrics manufacturing and applications	2017
Common to all programmes	Textiles and Its Applications	U15TXOE08	Employability- To understand Textiles and its Applications	2017
MBA Inovation, Entrepreneurship and Venture Management	Innovation & Venture Fundamentals	P20IEVES101	Entrepreneurship - Students will be able to learn about basics of innovation & ventures	2020
MBA Inovation, Entrepreneurship and Venture Management	Applied design thinking	P20IEVES102	Entrepreneurship - Apply design thinkin to solve challenges.	2020
MBA Inovation, Entrepreneurship and Venture Management	Managerial Economics	P20IEVES103	Entrepreneurship - Learn fundamentals of economics for business	2020
MBA Inovation, Entrepreneurship and Venture Management	Rapid Prototyping Fundamentals	P20IEVEN101	Entrepreneurship - Learn how to build prototype of products.	2020
MBA Inovation, Entrepreneurship and Venture Management	Nascent Market Strategies	P20IEVEN102	Entrepreneurship - Learn to venture into new markets.	2020
MBA Inovation, Entrepreneurship and Venture Management	Entrepreneurial Finance	P20IEVEN103	Entrepreneurship To learn basic finance for startups.	2020
MBA Inovation, Entrepreneurship and Venture Management	Entrepreneurial Mindset & Method	P20IEVEN104	Entrepreneurship- To think with the mindset of an entrepreneur.	2020
MBA Inovation, Entrepreneurship and Venture Management	Externship - I	P20IEVEP161	Entrepreneurship- To learn how organizations innovate.	2020
MBA Inovation, Entrepreneurship and Venture Management	Managing Metrics & Milestones	P20IEVEP162	Entrepreneurship - To meausre innovation and product milestones.	2020
MBA Inovation, Entrepreneurship and Venture Management	Active Learning, I – Sales for Founders	P20IEVEH171	Entrepreneurship- To learn how to sell their products.	2020

MBA Innovation, Entrepreneurship and Venture Management	Active Learning II - Technology labs*	P20IEVEH151/152	Entrepreneurship - To learn latest and up to date technologies for innovation.	2020
MBA Innovation, Entrepreneurship and Venture Management	Strategies for Founders	P20IEVES204	Entrepreneurship- To learn basic strategic tools.	2020
MBA Innovation, Entrepreneurship and Venture Management	Engaging Talent	P20IEVES205	Entrepreneurship- Learn To hire and retain talent	2020
MBA Innovation, Entrepreneurship and Venture Management	Agile Product Development	P20IEVEN205	Entrepreneurship - To know the fundamental ways of product development.	2020
MBA Innovation, Entrepreneurship and Venture Management	Technology Commercialization	P20IEVEN206	Entrepreneurship- To learn the foundation of intellectual property commercialization.	2020
MBA Innovation, Entrepreneurship and Venture Management	Externship - II	P20IEVEP263	Entrepreneurship- To learn how organizations innovate.	2020
MBA Innovation, Entrepreneurship and Venture Management	Active Learning III – Business Values Ethics	P20IEVEH273	Entrepreneurship- To learn to run ethical startups.	2020
MBA Innovation, Entrepreneurship and Venture Management	Product Design & Development	P20IEVEX161	Entrepreneurship- Learn how to design and develop products.	2020
MBA Innovation, Entrepreneurship and Venture Management	General Management for Entrepreneurs	P20IEVES306	Entrepreneurship- to learn startup management.	2020
MBA Innovation, Entrepreneurship and Venture Management	Growth Strategies	P20IEVES307	Entrepreneurship Learn how to expand the organization.	2020
MBA Innovation, Entrepreneurship and Venture Management	Managing Investments	P20IEVES308	Entrepreneurship- Understand how to accept and negotiate investments.	2020
MBA Innovation, Entrepreneurship and Venture Management	Active Learning IV	P20IEVEH374	Entrepreneurship -To learn how to write business reports	2020
MBA Innovation, Entrepreneurship and Venture Management	Active Learning V	P20IEVEH375	Entrepreneurship - To learn fundamentals of Negotiation.	2020

MBA Inovation, Entrepreneurship and Venture Management	Active Learning VI	P20IEVEH476	Entrepreneurship- To learn basic interpersonal skills.	2020
MBA Inovation, Entrepreneurship and Venture Management	Active Learning VII	P20IEVEH477	Entrepreneurship- To learn the foundations of leadership.	2020
MBA Inovation, Entrepreneurship and Venture Management	New Enterprise Creation	P20IEVEX462	Entrepreneurship- How to build new enterprises.	2020
MBA Inovation, Entrepreneurship and Venture Management	AI/ML	P20IEVENE151	Skill development - To learn basics of Artificial Intelligence & Machine Learning.	2020
MBA Inovation, Entrepreneurship and Venture Management	IoT & Embedded Systems	P20IEVENE152	Skill development - foundations if Internet of things & Embedded syatems.	2020
MCA Master of Computer Application	Ethics in computing	P20CAT3002	Employability - Helps to learn and implement possible security practices, finding and fixing security vulnerabilities.	2020
MCA Master of Computer Application	Database Technologies Laboratory	P20CAP1501	Skill development - The students will be bale todesign and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS.	2020
MCA Master of Computer Application	Web Technologies	P20CAI2202	Skill development - This course enables the student to develop his skills to develop web based application	2020
MCA Master of Computer Application	Data Intensive Computing Lab using Python	P20CAP2501	Skill development - This course imparts knowledge on implementing conventional models and algorithms in data mining using Python	2020
MCA Master of Computer Application	Programming with Java Lab	P20CAP1503	Skill development - The students will be aware of the important topics and principles of software development and Have the ability to write a computer program to solve specified problems with help of Java Programming Lab.	2020
MCA Master of Computer Application	Business Domains in Computer Applications	P20CAE0011	Employability - This course hepls to understand various domains in business	2020
MCA Master of Computer Application	Blockchain Technologies	P20CAE0008	Skill development - This course helps to understand the technology components of Blockchain and to know about different approaches to develop decentralized applications	2020
MCA Master of Computer Application	Mixed Reality	P20CAE0013	Skill development -Helps to design and develop the Mixed Reality applications in different domains	2020

MCA Master of Computer Application	Deep Learning Techniques and Applications	P20CAE0014	Skill development -This course helps to understand the role of deep learning in machine learning applications and to get familiar with the use of Tensor Flow and Keras in deep learning applications	2020
MCA Master of Computer Application	E-Learning Techniques	P20CAE0015	Skill development -This course helps to Identify appropriate instructional methods and delivery strategies and to choose appropriate E-learning authoring tools.	2020
MCA Master of Computer Application	Ethical Hacking	P20CAE0016	Skill development -This course helps to apply various open source security tools to assess the network and computing system and to practice penetration testing to predict the vulnerabilities across any computing system	2020
MCA Master of Computer Application	Middleware Technologies	P20CAE0017	Skill development - This course helps to understand the functionalities of various types of middleware technologies	2020
MCA Master of Computer Application	Robotic Process Automation	P20CAE0018	Skill development - This course helps to know about RPA, where it can be applied and how its implemented	2020
MCA Master of Computer Application	Linux Administration	P20CAE0019	Skill development - This course helps to acquire Linux Administration skills to manage a server.	2020
MCA Master of Computer Application	User Interface Design and User Experience	P20CAE0020	Skill development - This course helps in build User Interface for user Applications	2020

  
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