

1.1 Number of courses offered by the Institution across all programs during the year

Program code	Program Name	Course code	Course Name	Year of introduction
I-I	CIVIL			
1	B.Tech	R201101	MATHEMATICS-I	2020
1	B.Tech	R201102	COMMUNICATIVE ENGLISH	2020
1	B.Tech	R201103	ENGINEERING PHYSICS	2020
1	B.Tech	R201104	ENGINEERING DRAWING	2020
1	B.Tech	R201105	ENGINEERING GEOLOGY (INTEGRATED) (THEORY & LAB)	2020
1	B.Tech	R201106	ENGLISH COMMUNICATION SKILLS LABORATORY	2020
1	B.Tech	R201107	ENGINEERING PHYSICS LAB	2020
1	B.Tech	R201108	BASICS OF CIVIL ENGG. WORK SHOP (LAB)	2020
I-I	EEE			
2	B.Tech	R201101	MATHEMATICS - I	2020
2	B.Tech	R201102	COMMUNICATIVE ENGLISH	2020
2	B.Tech	R201106	ENGLISH COMMUNICATION SKILLS LABORATORY	2020
2	B.Tech	R201109	MATHEMATICS - II	2020
2	B.Tech	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	2020
2	B.Tech	R201111	ENGINEERING DRAWING & DESIGN	2020
2	B.Tech	R201112	ELECTRICAL ENGINEERING WORKSHOP	2020
2	B.Tech	R201113	PROGRAMMING FOR PROBLEM SOLVING USING C LAB	2020
I-I	ECE			
4	B.Tech	R201101	MATHEMATICS - I	2020
4	B.Tech	R201102	COMMUNICATIVE ENGLISH	2020
4	B.Tech	R201104	ENGINEERING DRAWING	2020
4	B.Tech	R201106	ENGLISH COMMUNICATION SKILLS LABORATORY	2020
4	B.Tech	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	2020
4	B.Tech	R201113	PROGRAMMING FOR PROBLEM SOLVING USING C LAB	2020
4	B.Tech	R201115	APPLIED CHEMISTRY	2020
4	B.Tech	R201116	APPLIED CHEMISTRY LAB	2020
I-I	CSE			
5	B.Tech	R201101	MATHEMATICS - I	2020
5	B.Tech	R201102	COMMUNICATIVE ENGLISH	2020
5	B.Tech	R201106	ENGLISH COMMUNICATION SKILLS LABORATORY	2020
5	B.Tech	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	2020
5	B.Tech	R201113	PROGRAMMING FOR PROBLEM SOLVING USING C LAB	2020
5	B.Tech	R201117	APPLIED PHYSICS	2020
5	B.Tech	R201118	COMPUTER ENGINEERING WORKSHOP	2020
5	B.Tech	R201119	APPLIED PHYSICS LAB	2020
I-I	CSE AI & ML			
42	B.Tech	R201101	MATHEMATICS - I	2020
42	B.Tech	R201102	COMMUNICATIVE ENGLISH	2020
42	B.Tech	R201106	ENGLISH COMMUNICATION SKILLS LABORATORY	2020

Program code	Program Name	Course code	Course Name	Year of introduction
42	B.Tech	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	2020
42	B.Tech	R201113	PROGRAMMING FOR PROBLEM SOLVING USING C LAB	2020
42	B.Tech	R201114	ENVIRONMENTAL SCIENCE	2020
42	B.Tech	R201115	APPLIED CHEMISTRY	2020
42	B.Tech	R201116	APPLIED CHEMISTRY LAB	2020
42	B.Tech	R201118	COMPUTER ENGINEERING WORKSHOP	2020
I-I	CSE DS			
44	B.Tech	R201101	MATHEMATICS - I	2020
44	B.Tech	R201102	COMMUNICATIVE ENGLISH	2020
44	B.Tech	R201106	ENGLISH COMMUNICATION SKILLS LABORATORY	2020
44	B.Tech	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	2020
44	B.Tech	R201113	PROGRAMMING FOR PROBLEM SOLVING USING C LAB	2020
44	B.Tech	R201114	ENVIRONMENTAL SCIENCE	2020
44	B.Tech	R201115	APPLIED CHEMISTRY	2020
44	B.Tech	R201116	APPLIED CHEMISTRY LAB	2020
44	B.Tech	R201118	COMPUTER ENGINEERING WORKSHOP	2020

I-II	CIVIL			
1	B.Tech	R201201	Mathematics-II	2020
1	B.Tech	R201202	Engineering Chemistry	2020
1	B.Tech	R201203	Engineering Mechanics	2020
1	B.Tech	R201204	Programming for Problem Solving Using C	2020
1	B.Tech	R201205	Building Materials and Concrete Technology	2020
1	B.Tech	R201228	Environmental Science	2020
1	B.Tech	R201231	Engineering Chemistry Laboratory	2020
1	B.Tech	R201232	Programming for problem Solving Using C Laboratory	2020
1	B.Tech	R201252	Building Planning and Computer Aided Building Drawing	2020
I-II	EEE			
2	B.Tech	R201206	Mathematics-III	2020
2	B.Tech	R201207	Applied Physics	2020
2	B.Tech	R201208	Data Structures Through C	2020
2	B.Tech	R201209	Electrical Circuit Analysis-I	2020
2	B.Tech	R201227	Basic Civil and Mechanical Engineering	2020
2	B.Tech	R201229	Constitution of India	2020
2	B.Tech	R201233	Applied Physics Laboratory	2020
2	B.Tech	R201234	Data Structures Through C Laboratory	2020
2	B.Tech	R201251	Basic Civil and Mechanical Engineering Laboratory	2020
I-II	ECE			
4	B.Tech	R201201	Mathematics-II	2020
4	B.Tech	R201207	Applied Physics	2020
4	B.Tech	R201212	Object Oriented Programming through Java	2020
4	B.Tech	R201213	Network Analysis	2020
4	B.Tech	R201214	Basic Electrical Engineering	2020
4	B.Tech	R201230	Environmental Science	2020
4	B.Tech	R201233	Applied Physics Laboratory	2020
4	B.Tech	R201237	Electronic workshop Laboratory	2020
4	B.Tech	R201238	Basic Electrical Engineering Laboratory	2020

Program code	Program Name	Course code	Course Name	Year of introduction
I-II	CSE			
5	B.Tech	R201201	Mathematics-II	2020
5	B.Tech	R201215	Applied Chemistry	2020
5	B.Tech	R201216	Computer Organization	2020
5	B.Tech	R201225	Python Programming	2020
5	B.Tech	R201218	Data Structures	2020
5	B.Tech	R201228	Environmental Science	2020
5	B.Tech	R201239	Applied Chemistry Laboratory	2020
5	B.Tech	R201241	Data Structures Laboratory	2020
		R201250	Python Programming Laboratory	2020
I-II	CSE AI & ML			
42	B.Tech	R201201	Mathematics-II	2020
42	B.Tech	R201207	Applied Physics	2020
42	B.Tech	R201218	Data Structures	2020
42	B.Tech	R201221	Digital Logic Design	2020
42	B.Tech	R201225	Python Programming	2020
42	B.Tech	R201229	Constitution of India	2020
42	B.Tech	R201233	Applied Physics Laboratory	2020
42	B.Tech	R201241	Data Structures Laboratory	2020
42	B.Tech	R201250	Python Programming Laboratory	2020
I-II	CSE DS			
44	B.Tech	R201201	Mathematics-II	2020
44	B.Tech	R201207	Applied Physics	2020
44	B.Tech	R201218	Data Structures	2020
44	B.Tech	R201221	Digital Logic Design	2020
44	B.Tech	R201225	Python Programming	2020
44	B.Tech	R201229	Constitution of India	2020
44	B.Tech	R201233	Applied Physics Laboratory	2020
44	B.Tech	R201241	Data Structures Laboratory	2020
44	B.Tech	R201250	Python Programming Laboratory	2020
2-I	CIVIL			
1	B.Tech	R1921011	Complex Variables and Statistical Methods	2019
1	B.Tech	R1921012	Strength of Materials-I	2019
1	B.Tech	R1921013	Fluid Mechanics	2019
1	B.Tech	R1921014	Surveying and Geometrics	2019
1	B.Tech	R1921015	Building Materials, Construction and Planning	2019
1	B.Tech	R1921016	Transportation Engineering-I	2019
1	B.Tech	R1921017	Strength of Materials Lab	2019
1	B.Tech	R1921018	Surveying Field Work - I	2019
1	B.Tech	R1921019	Constitution of India	2019
2-I	EEE			
2	B.Tech	R1921021	Electrical Circuit Analysis - II	2019
2	B.Tech	R1921022	Electrical Machines-I	2019
2	B.Tech	R1921023	Electronic Devices and Circuits	2019
2	B.Tech	R1921024	Electro Magnetic Fields	2019
2	B.Tech	R1921025	Thermal and Hydro Prime movers	2019
2	B.Tech	R1921026	Managerial Economics & Financial Analysis	2019
2	B.Tech	R1921027	Thermal and Hydro Laboratory	2019
2	B.Tech	R1921028	Electrical Circuits Laboratory	2019
2	B.Tech	R1921029	Essence of Indian Traditional Knowledge	2019
2-I	ECE			
4	B.Tech	R1921019	Constitution of India	2019
4	B.Tech	R1921026	Managerial Economics & Financial Analysis	2019
4	B.Tech	R1921041	Electronic Devices and Circuits	2019

Program code	Program Name	Course code	Course Name	Year of introduction
4	B.Tech	R1921042	Switching Theory and Logic Design	2019
4	B.Tech	R1921043	Signals and Systems	2019
4	B.Tech	R1921044	Random Variables and Stochastic Processes	2019
4	B.Tech	R1921045	Object Oriented Programming through Java	2019
4	B.Tech	R1921046	Electronic Devices and Circuits - Lab	2019
4	B.Tech	R1921047	Switching Theory and Logic Design - Lab	2019
2-1	CSE			
5	B.Tech	R1921029	Essence of Indian Traditional Knowledge	2019
5	B.Tech	R1921051	Mathematical Foundations of Computer Science	2019
5	B.Tech	R1921052	Software Engineering	2019
5	B.Tech	R1921053	Python Programming	2019
5	B.Tech	R1921054	Data Structures	2019
5	B.Tech	R1921055	Object Oriented Programming through C++	2019
5	B.Tech	R1921056	Computer Organization	2019
5	B.Tech	R1921057	Python Programming Lab	2019
5	B.Tech	R1921058	Data Structures through C++ Lab	2019
5	B.Tech	R1921059	Employability Skills- I*	2019
2-2	CIVIL			
1	B.Tech	R1922011	STRENGTH OF MATERIALS-II	2019
1	B.Tech	R1922012	HYDRAULICS AND HYDRAULIC MACHINERY	2019
1	B.Tech	R1922013	ENGINEERING GEOLOGY	2019
1	B.Tech	R1922014	TRANSPORTATION ENGINEERING-II	2019
1	B.Tech	R1922015	ENVIRONMENTAL ENGINEERING-I	2019
1	B.Tech	R1922016	ENGINEERING GEOLOGY LAB	2019
1	B.Tech	R1922017	TRANSPORTATION ENGINEERING LAB	2019
1	B.Tech	R1922018	FLUID MECHANICS & HYDRAULICS MACHINERY LAB	2019
1	B.Tech	R1922019	ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE/PROFESSIONAL ETHICS AND HUMAN VALUES	2019
2-2	EEE			
2	B.Tech	R1922021	ELECTRICAL MEASUREMENTS & INSTRUMENTATION	2019
2	B.Tech	R1922022	ELECTRICAL MACHINES-II	2019
2	B.Tech	R1922023	DIGITAL ELECTRONICS	2019
2	B.Tech	R1922024	CONTROL SYSTEMS	2019
2	B.Tech	R1922025	POWER SYSTEMS-I	2019
2	B.Tech	R1922026	SIGNALS AND SYSTEMS	2019
2	B.Tech	R1922027	ELECTRICAL MACHINES-I LABORATORY	2019
2	B.Tech	R1922028	ELECTRONIC DEVICES & CIRCUITS LABORATORY	2019
2	B.Tech	R1922029	PROFESSIONAL ETHICS AND HUMAN VALUES	2019
2-2	ECE			
4	B.Tech	R1922041	ELECTRONIC CIRCUIT ANALYSIS	2019
4	B.Tech	R1922042	LINEAR CONTROL SYSTEMS	2019
4	B.Tech	R1922043	ELECTROMAGNETIC WAVES AND TRANSMISSION LINES	2019
4	B.Tech	R1922044	ANALOG COMMUNICATIONS	2019
4	B.Tech	R1922045	COMPUTER ARCHITECTURE AND ORGANIZATION	2019
4	B.Tech	R1922046	MANAGEMENT AND ORGANIZATIONAL BEHAVIOR	2019
4	B.Tech	R1922047	ELECTRONIC CIRCUIT ANALYSIS-LAB	2019
4	B.Tech	R1922048	ANALOG COMMUNICATIONS-LAB	2019
2-2	CSE			
5	B.Tech	R1922029	PROFESSIONAL ETHICS & HUMAN VALUES	2019
5	B.Tech	R1922051	PROBABILITY AND STATISTICS	2019
5	B.Tech	R1922052	JAVA PROGRAMMING	2019
5	B.Tech	R1922053	OPERATING SYSTEMS	2019
5	B.Tech	R1922054	DATABASE MANAGEMENT SYSTEMS	2019
5	B.Tech	R1922055	FORMAL LANGUAGES AND AUTOMATA THEORY	2019

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5	B.Tech	R1922056	JAVA PROGRAMMING LAB	2019
5	B.Tech	R1922057	UNIX OPERATING SYSTEM LAB	2019
5	B.Tech	R1922058	DATABASE MANAGEMENT SYSTEMS LAB	2019
5	B.Tech	R1922059	SOCIALLY RELEVANT PROJECT*	2019
3-1	CIVIL			
1	B.Tech	R1631011	Management Science	2016
1	B.Tech	R1631012	Engineering Geology	2016
1	B.Tech	R1631013	Structural Analysis -II	2016
1	B.Tech	R1631014	Design & Drawing of Reinforced Concrete Structures	2016
1	B.Tech	R1631015	Transportation Engineering - II	2016
1	B.Tech	R1631016	Concrete Technology Lab	2016
1	B.Tech	R1631017	Geology Lab	2016
1	B.Tech	R1631018	Transportation Engineering Lab	2016
3-1	EEE			
2	B.Tech	R1631021	Power Systems-II	2016
2	B.Tech	R1631022	Renewable Energy Sources	2016
2	B.Tech	R1631023	Signals and Systems	2016
2	B.Tech	R1631024	Pulse & Digital Circuits	2016
2	B.Tech	R1631025	Power Electronics	2016
2	B.Tech	R1631026	Electrical Machines-II Laboratory	2016
2	B.Tech	R1631027	Control Systems Laboratory	2016
2	B.Tech	R1631028	Electrical Measurements Laboratory	2016
2	B.Tech	R1631029	IPR & PATENTS	2016
3-1	ECE			
4	B.Tech	R1631041	Computer Architecture and Organization (Common to ECE EIE)	2016
4	B.Tech	R1631042	Linear I C Applications (Common to ECE EIE)	2016
4	B.Tech	R1631043	Digital I C Applications (Common to ECE EIE)	2016
4	B.Tech	R1631044	Digital Communications (SAME AS 3-2 R13)	2016
4	B.Tech	R1631045	Antenna and Wave Propagation (SAME AS 3-1 R13)	2016
4	B.Tech	R1631046	Pulse and Digital Circuits Lab	2016
4	B.Tech	R1631047	Linear I C Applications Lab	2016
4	B.Tech	R1631048	Digital I C Applications Lab	2016
4	B.Tech	R1631049	PROFESSIONAL ETHICS & HUMAN VALUES	2016
3-1	CSE			
5	B.Tech	R1631051	Compiler Design	2016
5	B.Tech	R1631052	Unix Programming (Common to CSE- IT)	2016
5	B.Tech	R1631053	Object Oriented Analysis and Design using UML	2016
5	B.Tech	R1631054	Database Management Systems (Common to CSE- IT)	2016
5	B.Tech	R1631055	Operating Systems (Common to CSE- IT)	2016
5	B.Tech	R1631056	Unified Modeling Lab	2016
5	B.Tech	R1631057	Operating System & Linux Programming Lab	2016
5	B.Tech	R1631058	Database Management System Lab	2016
5	B.Tech	R1631049	PROFESSIONAL ETHICS & HUMAN VALUES	2016
3-2	CIVIL			
1	B.Tech	R1632011	Design & Drawing of Steel Structures	2016
1	B.Tech	R1632012	Geotechnical Engineering - I	2016
1	B.Tech	R1632013	Environmental Engineering -I	2016
1	B.Tech	R1632014	Water Resource Engineering -I	2016
1	B.Tech	R1632015D	WASTE WATER MANAMENT (OPEN ELECTIVE)	2016
1	B.Tech	R1632016	Geotechnical Engineering Lab	2016
1	B.Tech	R1632017	Environmental Engineering Lab	2016
1	B.Tech	R1632018	Computer Aided Engineering Lab	2016
3-2	EEE			2016
2	B.Tech	R1632021	Power Electronic Controllers & Drives	2016
2	B.Tech	R1632022	Power System Analysis	2016
2	B.Tech	R1632023	Micro Processors and Micro controllers	2016
2	B.Tech	R1632024	Data Structures	2016
2	B.Tech	R163202A	Unix and Shell Programming	2016

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2	B.Tech	R1632026	Power Electronics Laboratory	2016
2	B.Tech	R1632027	Microprocessors & Microcontrollers Laboratory	2016
2	B.Tech	R1632028	Data Structures Laboratory	2016
2	B.Tech	R1632029	PEHV (NO CREDITS - ASSIGNMENT-5MARKS ONLY)	2016
3-2	ECE			2016
4	B.Tech	R1632041	MICROPROCESSORS AND MICROCONTROLLERS	2016
4	B.Tech	R1632042	MICROWAVE ENGINEERING	2016
4	B.Tech	R1632043	VLSI DESIGN	2016
4	B.Tech	R1632044	DIGITAL SIGNAL PROCESSING	2016
4	B.Tech	R163204A	OOPS THROUGH JAVA	2016
4	B.Tech	R163204A	OOPS THROUGH JAVA	2016
4	B.Tech		DATA MINING	2016
4	B.Tech		INDUSTRIAL ROBOTICS	2016
4	B.Tech		POWER ELECTRONICS	2016
4	B.Tech	R163204D	BIO-MEDICAL ENGINEERING	2016
4	B.Tech		ARTIFICIAL NEURAL NETWORKS	2016
4	B.Tech	R1632046	MICROPROCESSORS AND MICROCONTROLLERS LAB	2016
4	B.Tech	R1632047	VLSI LAB	2016
4	B.Tech	R1632048	DIGITAL COMMUNICATIONS LAB	2016
4	B.Tech	R1632049	IPR & PATENTS(NO CREDITS - ASSIGNMENT-5MARKS ONLY)	
3-2	CSE			
5	B.Tech	R1632049	IPR & PATENTS(NO CREDITS - ASSIGNMENT-5MARKS O	2016
5	B.Tech	R1632051	COMPUTER NETWORKS	2016
5	B.Tech	R1632052	DATA WARE HOUSING AND MINING	2016
5	B.Tech	R1632053	DESIGN AND ANALYSIS OF ALGORITHMS	2016
5	B.Tech	R1632054	SOFTWARE TESTING METHODOLOGIES	2016
5	B.Tech	R163205C	CYBER SECURITY (OPEN ELECTIVE)	2016
5	B.Tech	R1632056	NETWORKS PROGRAMMING LAB	2016
5	B.Tech	R1632057	SOFTWARE TESTING LAB	2016
5	B.Tech	R1632058	DATA WARE HOUSING AND MINING LAB	2016
4-1	CIVIL			
1	B.Tech	R1641011	Environmental Engineering-II	2016
1	B.Tech	R1641012	Water Resources Engineering - II	2016
1	B.Tech	R1641013	Geotechnical Engineering-II	2016
1	B.Tech	R1641014	Remote Sensing and GIS Applications	2016
1	B.Tech	R1641017	GIS & CAD Lab	2016
1	B.Tech	R1641015 R1641018	irrigation Design & Drawing	2016
1	B.Tech	R1641019	IPR & PATENTS	2016
1	B.Tech	R164101B	Ground Improvement Techniques	2016
1	B.Tech	R164101H	Environmental Impact Assessment & Management	2016
4-1	EEE			
2	B.Tech	R1641021	Utilization of Electrical Energy	2016
2	B.Tech	R1641022	Linear IC Application	2016
2	B.Tech	R1641023	Power System Operation & Control	2016
2	B.Tech	R1641024	Switchgear and Protection	2016
2	B.Tech	R1641027	Electrical Simulation Laboratory	2016
2	B.Tech	R1641028	Power Systems & Simulation Laboratory	2016
2	B.Tech	R164102D	Instrumentation	2016
2	B.Tech	R164102G	Special Electrical Machines	2016
4-1	ECE			
4	B.Tech	R1641041	Radar Systems	2016
4	B.Tech	R1641042	Digital Image Processing	2016
4	B.Tech	R1641043	Computer Networks	2016
4	B.Tech	R1641044	Optical Communications	2016
4	B.Tech	R164104B	Electrical Switching Systems	2016
4	B.Tech	R164104D	Embedded Systems	2016

Program code	Program Name	Course code	Course Name	Year of introduction
4	B.Tech	R1641047	Microwave Engineering & Optical Communications	2016
4	B.Tech	R1641048	Digital Signal Processing Lab	2016
4-1	CSE			
5	B.Tech	R1641051	Cryptography and Network Security	2016
5	B.Tech	R1641052	Software Architecture & Design Patterns	2016
5	B.Tech	R1641053	Web Technologies	2016
5	B.Tech	R164105A	Big Data Analytics	2016
5	B.Tech	R164105E	Software Project Management	2016
5	B.Tech	R1641054	Managerial Economics and Financial Analysis	2016
5	B.Tech	R1641057	Software Architecture& Design Patterns Lab	2016
5	B.Tech	R1641058	Web Technologies Lab	2016
4-2	CIVIL			2016
1	B.Tech	R1642011	Estimation Specification & Contracts	2016
1	B.Tech	R1642012	Construction Technology & Management	2016
1	B.Tech	R1642013	Prestressed Concrete	2016
1	B.Tech	R164201A	Bridge Engineering	2016
1	B.Tech	R164201B	Soil Dynamics and Foundations	2016
1	B.Tech	R164201C	Solid and Hazardous Waste Management	2016
1	B.Tech	R164201D	Water Resources Systems Planning	2016
1	B.Tech	R164201E	Urban Transportation Planning Engg	2016
1	B.Tech	R1642015	Seminar on Internship Project	2016
1	B.Tech	R1642016	Project	2016
4-2	EEE			2016
2	B.Tech	R1642021	Digital Control Systems	2016
2	B.Tech	R1642022	HVDC Transmission	2016
2	B.Tech	R1642023	Electrical Distribution Systems	2016
2	B.Tech	R164202A	High Voltage Engineering	2016
2	B.Tech	R164202B	Flexible Alternating Current Transmission Systems	2016
2	B.Tech	R164202C	Power System Reforms	2016
2	B.Tech	R1642025	Seminar	2016
2	B.Tech	R1642026	Project	2016
4-2	ECE			2016
4	B.Tech	R1642041	Cellular Mobile Communications	2016
4	B.Tech	R1642042	Electronic Measurements and Instrumentation	2016
4	B.Tech	R1642043	Satellite Communications	2016
4	B.Tech	R164204A	Wireless Sensors & Networks (Common to ECE & E.Comp.E)	2016
4	B.Tech	R164204B	Digital IC Design(Common to ECE & E.I.E)	2016
4	B.Tech	R164204C	Operating Systems	2016
4	B.Tech	R1642045	Seminar	2016
4	B.Tech	R1642046	Project	2016
4-2	CSE			2016
5	B.Tech	R1642051	Distributed Systems (Common to CSE IT)	2016
5	B.Tech	R1642052	Management Science(Common to CSE IT)	2016
5	B.Tech	R1642053	Machine Learning	2016
5	B.Tech	R164205B	Artificial Neural Networks(Common to CSE IT)	2016
5	B.Tech	R164205C	Operation Research	2016
5	B.Tech	R1642055	Seminar	2016
5	B.Tech	R1642056	Project	2016
5	B.Tech	R164205A	Concurrent and Parallel Programming (Common to CSE IT)	2016
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I SEM	PID			
42	M.Tech	M0109	RESEARCH METHODOLOGY AND IPR	2019
42	M.Tech	M4301	ELECTRICAL MACHINES MODELING AND ANALYSIS	2019

Program code	Program Name	Course code	Course Name	Year of introduction
42	M.Tech	M4302	ANALYSIS OF POWER ELECTRONIC CONVERTERS	2019
42	M.Tech	M4303	MODERN CONTROL THEORY (ELECTIVE-I)	2019
42	M.Tech	M4304	POWER QUALITY AND CUSTOM POWER DEVICES (ELECTIVE-I)	2019
42	M.Tech	M4305	PROGRAMMABLE LOGIC CONTROLLERS & APPLICATIONS (ELECTIVE-I)	2019
42	M.Tech	M4306	RENEWABLE ENERGY TECHNOLOGIES (ELECTIVE-II)	2019
42	M.Tech	M4307	HVDC TRANSMISSION AND FLEXIBLE AC TRANSMISSION SYSTEMS	2019
42	M.Tech	M4308	POWER ELECTRONICS SIMULATION LABORATORY	2019
42	M.Tech	M4309	POWER CONVERTERS LABORATORY	2019
42	M.Tech	M6203	ARTIFICIAL INTELLIGENCE TECHNIQUES (ELECTIVE-II)	2019
42	M.Tech	MAC01	ENGLISH FOR RESEARCH PAPER WRITING	2019
42	M.Tech	MAC02	DISASTER MANAGEMENT	2019
42	M.Tech	MAC03	SANSKRIT FOR TECHNICAL KNOWLEDGE	2019
42	M.Tech	MAC04	VALUE EDUCATION	2019
42	M.Tech	MAC05	CONSTITUTION OF INDIA	2019
42	M.Tech	MAC06	PEDAGOGY STUDIES	2019
42	M.Tech	MAC07	STRESS MANAGEMENT BY YOGA	2019
42	M.Tech	MAC08	PERSONALITY DEVELOPMENT THROUGH LIFE ENL	2019
I SEM	SSP			2019
45	M.Tech	M4601	ADVANCED DIGITAL SIGNAL PROCESSING	2019
45	M.Tech	M4602	DIGITAL IMAGE AND VIDEO PROCESSING	2019
45	M.Tech	M4603	DSP ARCHITECTURES (ELECTIVE-I)	2019
45	M.Tech	M4604	STATISTICAL SIGNAL PROCESSING (ELECTIVE-I)	2019
45	M.Tech	M4605	COGNITIVE RADIO (ELECTIVE-I)	2019
45	M.Tech	M4606	ADAPTIVE SIGNAL PROCESSING (ELECTIVE-II)	2019
45	M.Tech	M4501	COMPUTER VISION (ELECTIVE-II)	2019
45	M.Tech	M4608	CODING THEORY AND APPLICATIONS (ELECTIVE-II)	2019
45	M.Tech	M0109	RESEARCH METHODOLOGY AND IPR	2019
45	M.Tech	M4502	ADVANCED DIGITAL SIGNAL PROCESSING LAB	2019
45	M.Tech	M4503	DIGITAL IMAGE AND VIDEO PROCESSING LAB	2019
45	M.Tech	MAC01	ENGLISH FOR RESEARCH PAPER WRITING	2019
45	M.Tech	MAC02	DISASTER MANAGEMENT	2019
45	M.Tech	MAC03	SANSKRIT FOR TECHNICAL KNOWLEDGE	2019
45	M.Tech	MAC04	VALUE EDUCATION	2019
45	M.Tech	MAC05	CONSTITUTION OF INDIA	2019
45	M.Tech	MAC06	PEDAGOGY STUDIES	2019
45	M.Tech	MAC07	STRESS MANAGEMENT BY YOGA	2019
45	M.Tech	MAC08	PERSONALITY DEVELOPMENT THROUGH LIFE ENL	2019
I SEM	CSE			
58	M.Tech	M0109	RESEARCH METHODOLOGY AND IPR	2019
58	M.Tech	M5801	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	2019
58	M.Tech	M5802	ADVANCED DATA STRUCTURES & ALGORITHMS	2019
58	M.Tech	M5803	BIG DATA ANALYTICS (ELECTIVE-I)	2019
58	M.Tech	M5804	DIGITAL IMAGE PROCESSING (ELECTIVE-I)	2019
58	M.Tech	M5805	ADVANCED OPERATING SYSTEMS (ELECTIVE-I)	2019
58	M.Tech	M5806	ADVANCED COMPUTER NETWORKS (ELECTIVE-II)	2019
58	M.Tech	M5807	INTERNET OF THINGS (ELECTIVE-II)	2019
58	M.Tech	M5808	OBJECT ORIENTED SOFTWARE ENGINEERING (ELECTIVE-II)	2019
58	M.Tech	M5809	ADVANCED DATA STRUCTURES & ALGORITHMS LAB	2019
58	M.Tech	M5810	ADVANCED COMPUTING LAB	2019
58	M.Tech	MAC01	ENGLISH FOR RESEARCH PAPER WRITING	2019
58	M.Tech	MAC02	DISASTER MANAGEMENT	2019
58	M.Tech	MAC03	SANSKRIT FOR TECHNICAL KNOWLEDGE	2019
58	M.Tech	MAC04	VALUE EDUCATION	2019
58	M.Tech	MAC05	CONSTITUTION OF INDIA	2019
58	M.Tech	MAC06	PEDAGOGY STUDIES	2019
58	M.Tech	MAC07	STRESS MANAGEMENT BY YOGA	2019
58	M.Tech	MAC08	PERSONALITY DEVELOPMENT THROUGH LIFE ENL	2019

Program code	Program Name	Course code	Course Name	Year of introduction
II SEM	PID			
42	M.Tech	N4301	Switched Mode Power Conversion	2019
42	M.Tech	N4302	Power Electronic Control of Electrical Drives	2019
42	M.Tech	N4303	Control & Integration of Renewable Energy Systems (Elective III)	2019
42	M.Tech	N4304	Hybrid Electric Vehicles (Elective III)	2019
42	M.Tech	N4305	Digital Control Systems (Elective III)	2019
42	M.Tech	N9503	Advanced Digital Signal Processing (Elective IV)	2019
42	M.Tech	N4306	Applications of Power Converters (Elective IV)	2019
42	M.Tech	N4307	Microcontrollers (Elective IV)	2019
42	M.Tech	N4308	Electric Drives Simulation Laboratory	2019
42	M.Tech	N4309	Electric Drives Laboratory	2019
42	M.Tech	N42MP	MINI PROJECT WITH SEMINAR	2019
II SEM	SSP			
45	M.Tech	N4601	Pattern Recognition and Machine Learning	2019
45	M.Tech	N4602	Detection and Estimation Theory	2019
45	M.Tech	N4603	IOT and Applications (Elective III)	2019
45	M.Tech	N4604	Wireless Sensors Networks (Elective III)	2019
45	M.Tech	N4605	Soft Computing Techniques (Elective III)	2019
45	M.Tech	N4501	Audio/Vedio coding and compression (Elective IV)	2019
45	M.Tech	N4607	Biomedical Signal Processing (Elective IV)	2019
45	M.Tech	N4608	Optical Networks (Elective IV)	2019
45	M.Tech	N4502	Pattern Recognition and Machine Learning Lab	2019
45	M.Tech	N4503	Detection and Estimation Theory Lab	2019
45	M.Tech	N45MP	MINI PROJECT WITH SEMINAR	2019
II SEM	CSE			
58	M.Tech	N5801	Machine learning	2019
58	M.Tech	N5802	MEAN Stack Technologies	2019
58	M.Tech	N5803	Advanced Databases and Mining (Elective III)	2019
58	M.Tech	N5804	Ad Hoc & Sensor Networks (Elective III)	2019
58	M.Tech	N5805	Soft Computing (Elective III)	2019
58	M.Tech	N5806	Cloud Computing (Elective IV)	2019
58	M.Tech	N5807	Principles of computer security (Elective IV)	2019
58	M.Tech	N5808	High Performance Computing (Elective IV)	2019
58	M.Tech	N5809	Machine Learning with python lab	2019
58	M.Tech	N5810	MEAN Stack Technologies Lab	2019
58	M.Tech	N58MP	MINI PROJECT WITH SEMINAR	2019
III SEM	PID			
42	M.Tech	P4302	Smart Grid Technologies (PE)	2019
42	M.Tech	POE01	Composite Materials (OE)	2019
42	M.Tech	POE15	Energy Audit, Conservation & Management (OE)	2019
42	M.Tech	POE02	Industrial Safety (OE)	2019
42	M.Tech	P4301	Digital Signal Processor Controlled Drives (PE)	2019
42	M.Tech	P4303	Modeling & Simulation of Power Electronic Systems (PE)	2019
III SEM	SSP			2019
45	M.Tech	P4502	Modeling and Simulation Techniques (PE)	2019
45	M.Tech	P4503	Artificial Intelligence (PE)	2019
45	M.Tech	POE13	Business Analytics (OE)	2019
45	M.Tech	POE07	Waste to Energy (OE)	2019
45	M.Tech	POE01	Composite Materials (OE)	2019
45	M.Tech	POE14	Cost Management of Engineering Projects (OE)	2019
45	M.Tech	POE03	Operations Research (OE)	2019
45	M.Tech	P4501	Optimization Techniques (PE)	2019
45	M.Tech	POE02	Industrial Safety (OE)	2019
III SEM	CSE			
58	M.Tech	POE48	MOOCS-2 (OE)	2019
58	M.Tech	POE39	Next Generation Databases (OE)	2019
58	M.Tech	P5801	Deep Learning (PE)	2019
58	M.Tech	P5802	Social Network Analysis (PE)	2019

Program code	Program Name	Course code	Course Name	Year of introduction
58	M.Tech	POE38	Digital forensics (OE)	2019
58	M.Tech	POE35	Internet of Things (OE)	2019
58	M.Tech	POE37	Machine Learning (OE)	2019
58	M.Tech	POE33	Python Programming (OE)	2019
58	M.Tech	POE34	Principles of Cyber Security (OE)	2019
58	M.Tech	P5803	MOOCS-1 (PE)	2019
58	M.Tech	POE03	Operations Research (OE)	2019
I-I				
0	MBA	MB1918	BCSS LAB	2019
0	MBA	MB1911	MANAGEMENT AND ORGANIZATIONAL BEHAVIOR	2019
0	MBA	MB1912	MANAGERIAL ECONOMICS	2019
0	MBA	MB1913	ACCOUNTING FOR MANAGERS	2019
0	MBA	MB1914	QUANTITATIVE ANALYSIS FOR BUSINESS DECISION	2019
0	MBA	MB1915	LEGAL AND BUSINESS ENVIRONMENT	2019
0	MBA	MB1916	BUSINESS COMMUNICATION AND SOFT SKILLS	2019
0	MBA	MB1917	IT -I LAB	2019
0	MBA	MB191A	CROSS CULTURAL MANAGEMENT	2019
0	MBA	MB191B	RURAL INNOVATION PROJECTS	2019
0	MBA	MB191C	MOOCS	2019
I-II				
0	MBA	MB1921	Financial Management	2019
0	MBA	MB1922	Human Resource Management	2019
0	MBA	MB1923	Marketing Management	2019
0	MBA	MB1924	Operations Management	2019
0	MBA	MB1925	Business Research Methods	2019
0	MBA	MB1926	IT L -2 (PROGRAMMING R)	2019
0	MBA	MB192A	Project Management	2019
0	MBA	MB192B	Technology Management	2019
0	MBA	MB192C	Lean Management	2019
0	MBA	MB192D	Database Management System	2019
II-III				
0	MBA	MB1931	STRATEGIC MANAGEMENT	2019
0	MBA	MB1932	OPERATIONS RESEARCH	2019
0	MBA	MB1933	INDUSTRIAL PROJECT BASED ON SUMMER INTERNSHIP	2019
0	MBA	MB193A1	LEADERSHIP AND CHANGE MANAGEMENT - (HR) E14	2019
0	MBA	MB193A2	PERFORMANCE EVALUATION AND COMPENSATION MANAGEMENT - (HR) E14	2019
0	MBA	MB193A3	HUMAN RESOURCE METRICS AND ANALYTICS - (HR) E14	2019
0	MBA	MB193A4	HUMAN CAPITAL MANAGEMENT - (HR) E14	2019
0	MBA	MB193A5	MANPOWER PLANNING, RECRUITMENT, AND SELECTION - (HR) E14	2019
0	MBA	MB193B1	INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT - (FINANCE) E14	2019
0	MBA	MB193B2	MANAGING BANKS AND FINANCIAL INSTITUTIONS - (FINANCE) E14	2019
0	MBA	MB193B3	FINANCIAL MARKETS AND SERVICES - (FINANCE) E14	2019
0	MBA	MB193B4	MERGERS, ACQUISITIONS AND CORPORATE RESTRUCTURING - (FINANCE) E14	2019
0	MBA	MB193B5	TAXATION - (FINANCE) E14	2019
0	MBA	MB193C1	CONSUMER BEHAVIOR - (MARKETING) E14	2019
0	MBA	MB193C2	RETAIL MANAGEMENT - (MARKETING) E14	2019
0	MBA	MB193C3	CUSTOMER RELATIONSHIP MANAGEMENT - (MARKETING) E14	2019
0	MBA	MB193C4	STRATEGIC MARKETING MANAGEMENT - (MARKETING) E14	2019

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0	MBA	MB193C5	DIGITAL AND SOCIAL MEDIA MARKETING - (MARKETING) E14	2019
II-IV				
0	MBA	MB1941	SUPPLY CHAIN MANAGEMENT AND ANALYTICS	2019
0	MBA	MB1942	INNOVATION AND ENTREPRENEURSHIP	2019
0	MBA	MB1943	COMPREHENSIVE VIVA - VOICE	2019
0	MBA	MB194A1	LABOR WELFARE AND EMPLOYMENT LAWS -HR(E14)	2019
0	MBA	MB194A2	INTERNATIONAL HRM-HR (E14)	2019
0	MBA	MB194A3	EMPLOYEE RELATIONS AND ENGAGEMENT -HR (E14)	2019
0	MBA	MB194A4	HUMAN RESOURCES DEVELOPMENT -HR (E14)	2019
0	MBA	MB194A5	STRATEGIC HRM -HR(E14)	2019
0	MBA	MB194B1	FINANCIAL DERIVATIVES-FINANCE(E14)	2019
0	MBA	MB194B2	GLOBAL FINANCIAL MANAGEMENT-FINANCE(E14)	2019
0	MBA	MB194B3	FINANCIAL RISK MANAGEMENT-FINANCE(E14)	2019
0	MBA	MB194B4	STRATEGIC FINANCIAL MANAGEMENT-FINANCE(E14)	2019
0	MBA	MB194B5	BEHAVIORAL FINANCE -FINANCE(E14)	2019