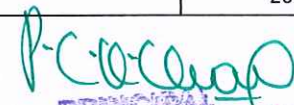


1.2 Academic Flexibility (40)

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

Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
23	B. Tech. - Biotechnology	10BT52304	Heat transfer in Bioprocesses	2010
23	B. Tech. - Biotechnology	10BT52312	Bioprocess Dynamics And Control	2010
23	B. Tech. - Biotechnology	10BT62303	Enzyme Engineering	2010
23	B. Tech. - Biotechnology	10BT6HS01	Management Science	2010
23	B. Tech. - Biotechnology	10BT72305	Protein Engineering	2010
23	B. Tech. - Biotechnology	10BT72307	Molecular Pathogenesis	2010
23	B. Tech. - Biotechnology	10BT72309	Biomaterial Science And Technology	2010
23	B. Tech. - Biotechnology	10BT72311	Biomedical Engineering	2010
23	B. Tech. - Biotechnology	10BT82302	Biochips And Microarray Technology	2010
23	B. Tech. - Biotechnology	10BT82303	Biotechnology Products Development	2010
23	B. Tech. - Biotechnology	10BT82305	Biosensors And Diagnostics	2010
23	B. Tech. - Biotechnology	10BT82306	Biofertilizers And Biopesticides	2010
01	B. Tech. - Civil Engineering	10BT30101	Mechanics of Solids	2010
01	B. Tech. - Civil Engineering	10BT30102	Building Materials and Concrete Technology	2010
01	B. Tech. - Civil Engineering	10BT40104	Construction, Planning and Project Management	2010
01	B. Tech. - Civil Engineering	10BT50111	Computer Aided Building Planning and Drawing Lab	2010
01	B. Tech. - Civil Engineering	10BT60102	Steel Structures. I	2010
01	B. Tech. - Civil Engineering	10BT60103	Water Resource Engineering	2010
01	B. Tech. - Civil Engineering	10BT70103	Steel Structures. II	2010
01	B. Tech. - Civil Engineering	10BT70104	Traffic Engineering and Management	2010
01	B. Tech. - Civil Engineering	10BT70115	GIS and Computer Aided Design and Detailing Lab	2010
01	B. Tech. - Civil Engineering	10BT70117	Mini Project	2010
01	B. Tech. - Civil Engineering	10BT80111	Comprehensive Viva	2010
01	B. Tech. - Civil Engineering	14BT40121	Surveying Lab	2014
01	B. Tech. - Civil Engineering	14BT50103	Water Supply Engineering	2014
01	B. Tech. - Civil Engineering	14BT5HS01	Business Communication and Presentation Skills	2014
01	B. Tech. - Civil Engineering	14BT60103	Transportation Engineering. I	2014


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
01	B. Tech. - Civil Engineering	14BT60104	Wastewater Technology	2014
01	B. Tech. - Civil Engineering	14BT60106	Geo-environmental Engineering	2014
01	B. Tech. - Civil Engineering	14BT60108	Solid Waste Management	2014
01	B. Tech. - Civil Engineering	16BT10501	Programming in C	2016
01	B. Tech. - Civil Engineering	16BT1BS31	Engineering Chemistry Lab	2016
01	B. Tech. - Civil Engineering	16BT1HS31	English Language Lab	2016
01	B. Tech. - Civil Engineering	16BT20101	Building Materials and Construction Technology	2016
01	B. Tech. - Civil Engineering	16BT20131	Building Materials and Construction Technology Lab	2016
01	B. Tech. - Civil Engineering	16BT20241	Basic Electrical and Electronics Engineering	2016
01	B. Tech. - Civil Engineering	16BT20252	MATLAB Practice for Civil Engineers	2016
01	B. Tech. - Civil Engineering	16BT20331	Engineering Workshop Practice	2016
01	B. Tech. - Civil Engineering	16BT2BS01	Transformation Techniques and Partial Differential Equations	2016
15	B. Tech. - Computer Science and Systems Engineering	10BT1EC01	Problem Solving and Computer Programming	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT51501	Systems Software	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT51502	Object Oriented Software Engineering	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT51511	OS & Systems Software Lab	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT61501	Modeling and Simulation	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71202	Mobile Computing	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71501	Networking Programming	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71502	Soft computing Techniques	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71505	Distributed Operating Systems	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71506	Middleware Technologies	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71507	Pattern Recognition	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71508	Embedded Computing systems	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT71512	Network Programming Lab	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT7HS01	Professional Ethics	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT81207	Wireless Networks	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT81221	Adhoc Wireless Networks	2010
15	B. Tech. - Computer Science and Systems Engineering	10BT81501	Embedded Processors	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
15	B. Tech. - Computer Science and Systems Engineering	10BT81502	Software Re Engineering	2010
15	B. Tech. - Computer Science and Systems Engineering	14BT1ES03	Computer Aided Engineering Drawing	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT1ES05	Problem Solving and Computer Programming Lab	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT4HS01	Business Communication and Presentation Skills	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT60306	Global Strategy and Technology	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT60309	Material Science	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT61204	Cyber Security and Laws	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT6HS02	Cost Accounting and Financial Management	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT70105	Disaster Mitigation and Management	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT70107	Contract Laws and Regulations	2014
15	B. Tech. - Computer Science and Systems Engineering	14BT70109	Rural Technology	2014
15	B. Tech. - Computer Science and Systems Engineering	16BT10531	Programming in C Lab	2016
15	B. Tech. - Computer Science and Systems Engineering	16BT1BS04	Multi-Variable Calculus and Differential Equations	2016
15	B. Tech. - Computer Science and Systems Engineering	16BT1BS32	Engineering Physics Lab	2016
15	B. Tech. - Computer Science and Systems Engineering	16BT21231	IT Workshop	2016
15	B. Tech. - Computer Science and Systems Engineering	9A05703	Grid and cluster computing	2009
05	B. Tech. - Computer Science Engineering	10BT40512	Programming skills (Audit)	2010
05	B. Tech. - Computer Science Engineering	10BT41231	Computer Graphics and Multimedia Systems Lab	2010
05	B. Tech. - Computer Science Engineering	10BT60513	Knowledge Engineering Lab (Audit)	2010
05	B. Tech. - Computer Science Engineering	10BT70503	Real Time System Design and Analysis (Elective I)	2010
05	B. Tech. - Computer Science Engineering	10BT70504	Parallel Processing (Elective I)	2010
05	B. Tech. - Computer Science Engineering	10BT70507	Pattern Recognition and Image Processing (Elective II)	2010
05	B. Tech. - Computer Science Engineering	10BT70508	Mainframe Systems (Elective II)	2010
05	B. Tech. - Computer Science Engineering	10BT71221	Web Mining (Elective I)	2010
05	B. Tech. - Computer Science Engineering	10BT80501	Computational Intelligence (Elective III)	2010
05	B. Tech. - Computer Science Engineering	10BT80502	Human Computer Interaction (Elective III)	2010
05	B. Tech. - Computer Science Engineering	10BT80503	Enterprise Applications (Elective III)	2010
05	B. Tech. - Computer Science Engineering	10BT81222	High Speed Networks (Elective IV)	2010
05	B. Tech. - Computer Science Engineering	16BT20441	Basic Electronic Devices and Circuits	2016


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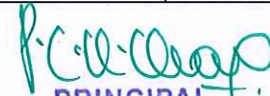
Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
05	B. Tech. - Computer Science Engineering	16BT20531	Workshop in Computer Science	2016
05	B. Tech. - Computer Science Engineering	16BT21201	Object Oriented Programming through C++	2016
05	B. Tech. - Computer Science Engineering	16BT21232	Object Oriented Programming Lab	2016
05	B. Tech. - Computer Science Engineering	9A05705	Software Architecture (Elective I)	2009
05	B. Tech. - Computer Science Engineering	9A05708	Network Management Ststems (Elective II)	2009
05	B. Tech. - Computer Science Engineering	9A05802	Service Oriented Architecture (Elective III)	2009
05	B. Tech. - Computer Science Engineering	9A05803	Web Services (Elective III)	2009
05	B. Tech. - Computer Science Engineering	9A05805	Storage Area Networks (Elective IV)	2009
05	B. Tech. - Computer Science Engineering	9A05806	Internetworking with TCP/IP (Elective IV)	2009
04	B. Tech. - Electronics and Communication Engineering	10BT40501	Computer Architecture and Organization	2010
04	B. Tech. - Electronics and Communication Engineering	10BT50401	Analog Communications	2010
04	B. Tech. - Electronics and Communication Engineering	10BT50411	Analog Communications Lab	2010
04	B. Tech. - Electronics and Communication Engineering	10BT70404	Telecommunication Switching Systems	2010
04	B. Tech. - Electronics and Communication Engineering	10BT70411	Digital Communications and Microwaves Lab	2010
04	B. Tech. - Electronics and Communication Engineering	10BT70412	Digital Signal Processing Lab	2010
04	B. Tech. - Electronics and Communication Engineering	10BT71204	Cryptography and Network Security	2010
04	B. Tech. - Electronics and Communication Engineering	10BT80404	Advanced Digital Signal Processing	2010
04	B. Tech. - Electronics and Communication Engineering	10BT80405	Low Power VLSI Design	2010
04	B. Tech. - Electronics and Communication Engineering	14BT30222	Electrical Technology Lab	2014
04	B. Tech. - Electronics and Communication Engineering	14BT30231	Electrical Technology	2014
04	B. Tech. - Electronics and Communication Engineering	14BT30232	Network Analysis	2014
04	B. Tech. - Electronics and Communication Engineering	14BT40421	Electronic Circuit Analysis and Design Lab	2014
04	B. Tech. - Electronics and Communication Engineering	14BT40422	Signals and Systems Lab	2014
04	B. Tech. - Electronics and Communication Engineering	14BT40501	Computer Organization	2014
04	B. Tech. - Electronics and Communication Engineering	14BT4HS02	Professional Ethics	2014
04	B. Tech. - Electronics and Communication Engineering	14BT50421	Analog and Digital Communications Lab	2014
04	B. Tech. - Electronics and Communication Engineering	14BT50422	PDC and IC Lab	2014
04	B. Tech. - Electronics and Communication Engineering	14BT60404	Analog IC Design	2014
04	B. Tech. - Electronics and Communication Engineering	14BT60405	Image Processing	2014


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
04	B. Tech. - Electronics and Communication Engineering	14BT60406	TV & Radar Engineering	2014
04	B. Tech. - Electronics and Communication Engineering	14BT60421	Digital IC Applications Lab	2014
04	B. Tech. - Electronics and Communication Engineering	16BT10232	Electrical and Electronics Workshop Practice	2016
04	B. Tech. - Electronics and Communication Engineering	16BT10251	Network Analysis Lab	2016
04	B. Tech. - Electronics and Communication Engineering	9A04804	Spread Spectrum Communications	2009
04	B. Tech. - Electronics and Communication Engineering	9A04805	Adaptive filter theory	2009
04	B. Tech. - Electronics and Communication Engineering	9A04807	Data Communications	2009
04	B. Tech. - Electronics and Communication Engineering	9A05709	Information Security	2009
13	B. Tech. - Electronics and Control Engineering	10BT40221	Principles of Electrical Engineering	2010
13	B. Tech. - Electronics and Control Engineering	10BT40511	OOPs Lab	2010
13	B. Tech. - Electronics and Control Engineering	10BT50421	Electromagnetic Theory	2010
13	B. Tech. - Electronics and Control Engineering	9A05505	Operating Systems	2009
13	B. Tech. - Electronics and Control Engineering	9A13704	Optimal Control Systems	2009
13	B. Tech. - Electronics and Control Engineering	9A13707	Power Electronics Lab	2009
10	B. Tech. - Electronics and Instrumentation Engineering	10BT30223	Circuit Theory	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT30411	Semiconductor Devices and Circuits Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT30412	Simulation Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT31001	Thermodynamics and Fluid Mechanics	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT40411	Electronic Circuits Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT40502	Object Oriented Programming	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT41001	Electrical and Electronic Measurements	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT41002	Transducers in Instrumentation	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT4HS02	Advanced English Communication Skills	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT50422	Linear and Digital IC Applications	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT50431	IC & PDC Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT51011	Measurements and Transducers Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT60411	Microprocessor and Microcontroller Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT61011	Process control Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT70402	Digital Image Processing	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
10	B. Tech. - Electronics and Instrumentation Engineering	10BT71004	Petrochemical Plant Instrumentation	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT71005	MEMS and Microsystems	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT71011	Analytical and Biomedical Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT71012	PLC and LabVIEW Programming Lab	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT71301	Neural Networks and Fuzzy Systems	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT81001	Industrial Electronics	2010
10	B. Tech. - Electronics and Instrumentation Engineering	10BT81302	Adaptive Control Systems	2010
10	B. Tech. - Electronics and Instrumentation Engineering	14BT31001	Principles of Electrical Measurements	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT31002	Sensors and Transducers	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT40402	Electronic Circuit Analysis and Design	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT41021	Analog and Digital Circuits Lab	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT51001	Electronic Instrumentation	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT51002	Industrial Instrumentation-I	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT51021	Linear and Digital IC Applications Lab	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT51022	Signal Processing Lab	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT61001	Industrial Instrumentation-II	2014
10	B. Tech. - Electronics and Instrumentation Engineering	14BT70304	Industrial Automation and Robotics	2014
10	B. Tech. - Electronics and Instrumentation Engineering	16BT20401	Electronic Devices and Circuits	2016
10	B. Tech. - Electronics and Instrumentation Engineering	16BT20551	Foundations of Data Structures Lab	2016
10	B. Tech. - Electronics and Instrumentation Engineering	9A10702	Reliability Engineering	2009
10	B. Tech. - Electronics and Instrumentation Engineering	9A10703	Nuclear Instrumentation	2009
10	B. Tech. - Electronics and Instrumentation Engineering	9A10704	EMI & EMC	2009
10	B. Tech. - Electronics and Instrumentation Engineering	9A10706	Electronic Design and Automation Lab	2009
10	B. Tech. - Electronics and Instrumentation Engineering	9A10707	Process Control Lab	2009
12	B. Tech. - Information Technology	10BT40521	Operating Systems Lab	2010
12	B. Tech. - Information Technology	10BT4EC01	Optimization Techniques	2010
12	B. Tech. - Information Technology	10BT60501	Theory of Computation	2010
12	B. Tech. - Information Technology	10BT62301	Bio-informatics	2010
12	B. Tech. - Information Technology	10BT70501	Principles of Compiler Design	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
12	B. Tech. - Information Technology	10BT70505	Soft Computing	2010
12	B. Tech. - Information Technology	10BT71203	Multimedia and Applications Development	2010
12	B. Tech. - Information Technology	10BT71205	Parallel Computing	2010
12	B. Tech. - Information Technology	10BT71207	Advanced Databases	2010
12	B. Tech. - Information Technology	10BT71210	Embedded Systems Design	2010
12	B. Tech. - Information Technology	10BT71212	Multimedia and Applications Development Lab	2010
12	B. Tech. - Information Technology	10BT81201	Service Oriented Architecture	2010
12	B. Tech. - Information Technology	10BT81203	Intellectual Property Rights	2010
12	B. Tech. - Information Technology	10BT81205	Middleware Technologies	2010
12	B. Tech. - Information Technology	14BT50502	Unix Internals	2014
12	B. Tech. - Information Technology	9A05711	Software Testing and CASE tools Lab	2009
12	B. Tech. - Information Technology	9A05804	Semantic Web	2009
12	B. Tech. - Information Technology	9A12701	Mobile Application Development	2009
12	B. Tech. - Information Technology	9A12703	Distributed Computing	2009
12	B. Tech. - Information Technology	9A12704	Wireless Security	2009
12	B. Tech. - Information Technology	9A12705	Enterprise Resource Planning	2009
12	B. Tech. - Information Technology	9A12706	Mobile Applications Development Lab	2009
12	B. Tech. - Information Technology	9A12802	Enterprise Application Integration	2009
12	B. Tech. - Information Technology	9A12804	Cloud Computing	2009
12	B. Tech. - Information Technology	9A12805	Decision Support Systems	2009
03	B. Tech. - Mechanical Engineering	10BT40312	Computer Aided MachineDrawing(Audit Course)	2010
03	B. Tech. - Mechanical Engineering	10BT50313	MATLAB(Audit Course)	2010
03	B. Tech. - Mechanical Engineering	10BT60311	Heat Transfer & Dynamics Lab	2010
03	B. Tech. - Mechanical Engineering	10BT70301	Manufacturing Systems Design	2010
03	B. Tech. - Mechanical Engineering	10BT70308	Engineering Optimization	2010
03	B. Tech. - Mechanical Engineering	10BT70314	Manufacturing Systems Lab	2010
03	B. Tech. - Mechanical Engineering	10BT80301	World Class Manufacturing	2010
03	B. Tech. - Mechanical Engineering	10BT80303	Non-Traditional MachiningProcesses	2010
03	B. Tech. - Mechanical Engineering	10BT80307	Supply Chain Management	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
03	B. Tech. - Mechanical Engineering	10BT80308	Rapid Prototyping	2010
03	B. Tech. - Mechanical Engineering	10BT80309	Micro Electro Mechanical Systems	2010
03	B. Tech. - Mechanical Engineering	14BT1ES04	Programming in C and data Structures Lab	2014
03	B. Tech. - Mechanical Engineering	14BT30321	Computer Aided Machine Drawing Lab	2014
03	B. Tech. - Mechanical Engineering	14BT60305	Artificial Intelligence and Robotics	2014
03	B. Tech. - Mechanical Engineering	14BT60307	Intellectual Property Rights and Management	2014
03	B. Tech. - Mechanical Engineering	14BT60502	Engineering System Analysis and Design	2014
03	B. Tech. - Mechanical Engineering	14BT61203	Bio-Informatics	2014
03	B. Tech. - Mechanical Engineering	14BT6HS01	Banking and Insurance	2014
03	B. Tech. - Mechanical Engineering	14BT6HS03	Entrepreneurship for Micro, Small and Medium Enterprises	2014
03	B. Tech. - Mechanical Engineering	14BT70106	Environmental Pollution and Control	2014
03	B. Tech. - Mechanical Engineering	14BT70108	Planning for Sustainable Development	2014
03	B. Tech. - Mechanical Engineering	14BT71005	Micro electro mechanical Systems	2014
03	B. Tech. - Mechanical Engineering	16BT20251	Electrical and electronics Engineering Lab	2016
03	B. Tech. - Mechanical Engineering	16BT20301	Engineering Materials	2016
02	B. Tech.- Electrical and Electroncis Engineering	10BT1BS03	Engineering Mathematics	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT1EC03	Computer programmingLab	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT30202	DC Machines	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT30211	DC Machines Lab	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT30401	Semiconductor Devices andCircuits	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT3BS03	Special Functions and ComplexAnalysis	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT40112	Fluid Mechanics and HydraulicMachinery Lab	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT40201	Network Analysis and Synthesis	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT40204	Electrical Measurements	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT40205	Transformers and InductionMachines	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT4HS01	Managerial Economics and Principles of Accountancy	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT50202	AC Machines	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT50203	Electrical Power Transmission	2010
02	B. Tech.- Electrical and Electroncis Engineering	10BT50211	Transformers and ACMachines Lab	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
02	B. Tech.- Electrical and Electronics Engineering	10BT50212	Measurements and Testing Lab	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT50423	Principles of Communication	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT50503	Database Management Systems	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT51301	Advanced Control Systems	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT60405	VLSI Design	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT70204	Flexible AC Transmission	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT70205	High Voltage DC Transmission	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT70405	Embedded and Real Time Systems	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT70421	Advanced Microprocessors and Microcontrollers	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT70521	Operating System Principles	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT71302	Programmable Logic Controllers	2010
02	B. Tech.- Electrical and Electronics Engineering	10BT80201	EHVAC Transmission	2010
02	B. Tech.- Electrical and Electronics Engineering	14BT1ES01	Programming in C and Data Structures	2014
02	B. Tech.- Electrical and Electronics Engineering	14BT30203	Electric Circuit	2014
02	B. Tech.- Electrical and Electronics Engineering	14BT40202	Signals and Networks	2014
02	B. Tech.- Electrical and Electronics Engineering	14BT40203	Electrical and Electronics Measurements	2014
02	B. Tech.- Electrical and Electronics Engineering	14BT50202	Computer Organization and Architecture	2014
02	B. Tech.- Electrical and Electronics Engineering	14BT50203	Synchronous Machines	2014
02	B. Tech.- Electrical and Electronics Engineering	14BT50204	Transmission of Electric Power	2014
02	B. Tech.- Electrical and Electronics Engineering	16BT10201	Electric Circuits	2016
02	B. Tech.- Electrical and Electronics Engineering	16BT1BS03	Matrices and Numerical Methods	2016
02	B. Tech.- Electrical and Electronics Engineering	16BT20541	Foundation of Data Structures	2016
02	B. Tech.- Electrical and Electronics Engineering	9A02701	Distribution of Electric Power	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02702	Fundamentals of HVDC & FACTS Devices	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02705	High Voltage Engineering	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02707	Soft Computing Techniques	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02708	Reliability Engineering and Applications to Power Systems	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02709	Optimization Techniques	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02803	Modern Control Theory	2009


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
02	B. Tech.- Electrical and Electronics Engineering	9A02804	Special Electrical Machines	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02805	Plc & Dcs - Its Applications	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02807	Design of Electrical Systems	2009
02	B. Tech.- Electrical and Electronics Engineering	9A02808	Energy Auditing & Demand Side Management	2009
03	M. Tech. - Biotechnology	10MT10301	General Microbiology And Biochemistry	2010
03	M. Tech. - Biotechnology	10MT103010	Process Engineering /Microbiology And Biochemistry Lab	2010
03	M. Tech. - Biotechnology	10MT10302	Molecular Biology	2010
03	M. Tech. - Biotechnology	10MT10303	Microbial Engineering	2010
03	M. Tech. - Biotechnology	10MT10304	Immunology	2010
03	M. Tech. - Biotechnology	10MT10305	Process Engineering Principles	2010
03	M. Tech. - Biotechnology	10MT10306	Analytical Techniques In Biotechnology	2010
03	M. Tech. - Biotechnology	10MT10307	Enzyme Engineering And Technology	2010
03	M. Tech. - Biotechnology	10MT10308	Food Process And Technology	2010
03	M. Tech. - Biotechnology	10MT10309	Metabolic Regulation	2010
03	M. Tech. - Biotechnology	10MT20301	Bioreactor Engineering	2010
03	M. Tech. - Biotechnology	10MT20302	Genetic Engineering	2010
03	M. Tech. - Biotechnology	10MT20303	Bio-separation Processes	2010
03	M. Tech. - Biotechnology	10MT20304	Cell Technology	2010
03	M. Tech. - Biotechnology	10MT20305	Bioinformatics	2010
03	M. Tech. - Biotechnology	10MT20306	Advanced Immunotechnology	2010
03	M. Tech. - Biotechnology	10MT20307	Plant Biotechnology	2010
03	M. Tech. - Biotechnology	10MT20308	Environmental Biotechnology	2010
03	M. Tech. - Biotechnology	10MT20309	Nano-Biotechnology	2010
03	M. Tech. - Biotechnology	10MT20310	Industrial Visit*	2010
03	M. Tech. - Biotechnology	10MT20311	Bioprocess Engineering Genetic Engineering Lab	2010
03	M. Tech. - Biotechnology	10MT30301	Project Work Phase-I	2010
03	M. Tech. - Biotechnology	10MT40301	Project Work Phase-II	2010
61	M. Tech. - Communication Systems	10MT16101	Advanced Mathematics for Communication Systems	2010
61	M. Tech. - Communication Systems	10MT16102	Modern Digital Communication Techniques	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
61	M. Tech. - Communication Systems	10MT16104	Computer Communication Networks	2010
61	M. Tech. - Communication Systems	10MT16105	Information and Coding Techniques	2010
61	M. Tech. - Communication Systems	10MT16106	Digital Voice & Picture Communication	2010
61	M. Tech. - Communication Systems	10MT16107	Mobile Ad-hoc Networks	2010
61	M. Tech. - Communication Systems	10MT16108	Radar Signal Processing	2010
61	M. Tech. - Communication Systems	10MT16109	Communication Lab-I	2010
61	M. Tech. - Communication Systems	10MT23801	Adaptive Signal Processing	2010
61	M. Tech. - Communication Systems	10MT23803	Detection and Estimation of Signals	2010
61	M. Tech. - Communication Systems	10MT23805	Wireless Communications	2010
61	M. Tech. - Communication Systems	10MT23807	Image Processing	2010
61	M. Tech. - Communication Systems	10MT23808	Optical Communications	2010
61	M. Tech. - Communication Systems	10MT26102	Digital Satellite Communications	2010
61	M. Tech. - Communication Systems	10MT26105	RF Systems and Circuits	2010
61	M. Tech. - Communication Systems	10MT26106	MIMO Communication Systems	2010
61	M. Tech. - Communication Systems	10MT26109	Industrial Visit / Seminar	2010
61	M. Tech. - Communication Systems	10MT26110	Communication Lab-II	2010
61	M. Tech. - Communication Systems	14MT13802	Digital Communication Techniques	2014
61	M. Tech. - Communication Systems	14MT16101	RF Circuit Design	2014
61	M. Tech. - Communication Systems	14MT16102	Satellite Communications	2014
61	M. Tech. - Communication Systems	14MT16103	Speech Processing	2014
61	M. Tech. - Communication Systems	14MT26102	Software Defined Radio	2014
61	M. Tech. - Communication Systems	14MT26103	EMI/ EMC	2014
61	M. Tech. - Communication Systems	14MT26105	Telemetry and Telecontrol	2014
61	M. Tech. - Communication Systems	14MT26122	Seminar	2014
61	M. Tech. - Communication Systems	16MT16102	Digital Satellite Communications	2016
61	M. Tech. - Communication Systems	16MT16132	RF Circuits & Optical Communications lab	2016
61	M. Tech. - Communication Systems	16MT23810	Intellectual Property Rights (Audit Course)	2016
61	M. Tech. - Communication Systems	16MT26102	Smart Antennas	2016
63	M. Tech. - Computer Networks and Information Security	10MT16301	TCP/IP Protocols	2010


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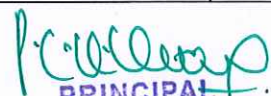
Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
63	M. Tech. - Computer Networks and Information Security	10MT16302	Database Security & Privacy	2010
63	M. Tech. - Computer Networks and Information Security	10MT16304	Information Systems Control & Audit (Elective I)	2010
63	M. Tech. - Computer Networks and Information Security	10MT16305	Digital & Cyber Forensics (Elective I)	2010
63	M. Tech. - Computer Networks and Information Security	10MT16307	Parallel Processing (Elective I)	2010
63	M. Tech. - Computer Networks and Information Security	10MT26301	Design of Secure Protocols	2010
63	M. Tech. - Computer Networks and Information Security	10MT26302	Intrusion Detection Systems	2010
63	M. Tech. - Computer Networks and Information Security	10MT26304	PKI-Trust Management (Elective II)	2010
63	M. Tech. - Computer Networks and Information Security	10MT26305	Trustworthy Computing (Elective II)	2010
63	M. Tech. - Computer Networks and Information Security	10MT26306	Elliptic Curve Cryptosystems (Elective II)	2010
63	M. Tech. - Computer Networks and Information Security	10MT26311	Industrial Visit/Seminar	2010
63	M. Tech. - Computer Networks and Information Security	14MT10310	Research Methodology	2014
63	M. Tech. - Computer Networks and Information Security	14MT10501	Advanced Computer Networks	2014
63	M. Tech. - Computer Networks and Information Security	14MT16304	Software Testing Techniques (Elective 1)	2014
63	M. Tech. - Computer Networks and Information Security	14MT20503	Data Warehousing and Data Mining (Elective 1)	2014
63	M. Tech. - Computer Networks and Information Security	14MT20505	Web Programming	2014
63	M. Tech. - Computer Networks and Information Security	14MT20508	Mobile Computing	2014
63	M. Tech. - Computer Networks and Information Security	14MT26301	Ad-hoc Wireless Networks	2014
63	M. Tech. - Computer Networks and Information Security	14MT26302	Computer Forensics	2014
63	M. Tech. - Computer Networks and Information Security	14MT26305	High Speed Networks (Elective 2)	2014
63	M. Tech. - Computer Networks and Information Security	14MT26321	Seminar	2014
63	M. Tech. - Computer Networks and Information Security	16MT1050	Internet of Things (Professional Elective 1)	2016
63	M. Tech. - Computer Networks and Information Security	16MT16302	Ethical Hacking (Professional Elective 1)	2016
63	M. Tech. - Computer Networks and Information Security	16MT22508	Software Security (Professional Elective 1)	2016
63	M. Tech. - Computer Networks and Information Security	16MT26306	Social Networks (Professional Elective 2)	2016
05	M. Tech. - Computer Science	10MT10507	Computer Vision and Graphics (Elective I)	2010
05	M. Tech. - Computer Science	10MT10508	Digital Image Processing and Pattern Recognition (Elective I)	2010
05	M. Tech. - Computer Science	10MT20506	Cloud Computing (Elective II)	2010
05	M. Tech. - Computer Science	10MT20509	System Thinking (Elective II)	2010
05	M. Tech. - Computer Science	10MT20510	Industrial Visit/Seminar	2010


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05	M. Tech. - Computer Science	14MT10506	Computer Graphics and Animation (Elective 1)	2014
05	M. Tech. - Computer Science	14MT10508	Information Retrieval Systems (Elective 1)	2014
05	M. Tech. - Computer Science	14MT10509	Software Project Management (Elective 1)	2014
05	M. Tech. - Computer Science	14MT20506	Big Data Analytics (Elective 2)	2014
05	M. Tech. - Computer Science	14MT20507	Information Security (Elective 2)	2014
05	M. Tech. - Computer Science	14MT20509	Virtualization and Cloud Computing (Elective 2)	2014
05	M. Tech. - Computer Science	14MT20521	Seminar	2014
05	M. Tech. - Computer Science	16MT10505	Computer Vision (Professional Elective 1)	2016
05	M. Tech. - Computer Science	16MT10507	Internet of Things (Professional Elective 1)	2016
38	M. Tech. - Digital Electronics and Communication Systems	10MT13804	Embedded Systems	2010
38	M. Tech. - Digital Electronics and Communication Systems	10MT23804	High Performance Networks	2010
38	M. Tech. - Digital Electronics and Communication Systems	14MT13801	Computer Architectures	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT13804	Modern Digital Signal Processing	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT13805	Computer Networks	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT13806	Low Power CMOS VLSI Design	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT13807	Embedded System Design	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT13808	Transform Techniques	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT13831	Linear Algebra	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23801	Display Technologies and Devices	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23802	Information Theory and Coding Techniques	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23803	Microcontroller Based System Design	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23804	Testing and Testability of Digital Systems	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23807	Neural Networks and Fuzzy Systems	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23808	Optical Communications and Networks	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23809	Real Time Systems	2014
38	M. Tech. - Digital Electronics and Communication Systems	14MT23822	Seminar	2014
38	M. Tech. - Digital Electronics and Communication Systems	16MT12541	Soft Computing Techniques	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT13803	Digital System Design and Testing	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT13804	Image & Video Processing	2016


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38	M. Tech. - Digital Electronics and Communication Systems	16MT13805	Modern Digital Signal processing	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT13806	ASIC Design	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT13831	Digital System Design and Testing Lab	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT13832	Image & Video Processing Lab	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT20501	Advanced Computer Architecture	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT23809	Speech Processing	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT23831	Communications Lab	2016
38	M. Tech. - Digital Electronics and Communication Systems	16MT23832	Embedded Systems Lab	2016
07	M. Tech. - Electrical Power Systems	10MT10701	Advanced Control Systems	2010
07	M. Tech. - Electrical Power Systems	10MT10703	Microprocessors & Microcontrollers	2010
07	M. Tech. - Electrical Power Systems	10MT10705	Reactive Power Compensation & Management	2010
07	M. Tech. - Electrical Power Systems	10MT10706	Advanced Digital Signal Processing	2010
07	M. Tech. - Electrical Power Systems	10MT10707	Neural Networks & Fuzzy Systems	2010
07	M. Tech. - Electrical Power Systems	10MT10708	Power Quality	2010
07	M. Tech. - Electrical Power Systems	10MT20701	Economic Operation & Control of Power System	2010
07	M. Tech. - Electrical Power Systems	10MT20702	FACTS Controllers	2010
07	M. Tech. - Electrical Power Systems	10MT20703	HVDC Transmission	2010
07	M. Tech. - Electrical Power Systems	10MT20704	Power System Reliability	2010
07	M. Tech. - Electrical Power Systems	10MT20705	Static and Digital Protection of Power System	2010
07	M. Tech. - Electrical Power Systems	10MT20707	Power System Dynamics and Stability	2010
07	M. Tech. - Electrical Power Systems	10MT20708	Restructured Power System	2010
07	M. Tech. - Electrical Power Systems	14MT10701	Power System Security and State Estimation	2014
07	M. Tech. - Electrical Power Systems	14MT10703	Advanced Power System Stability Analysis	2014
07	M. Tech. - Electrical Power Systems	14MT10704	Power Electronic Converters	2014
07	M. Tech. - Electrical Power Systems	14MT10705	Advanced Control Systems	2014
07	M. Tech. - Electrical Power Systems	14MT10706	Microcontrollers and Applications	2014
07	M. Tech. - Electrical Power Systems	14MT10708	Solar and Wind Energy Conversion Systems	2014
07	M. Tech. - Electrical Power Systems	14MT10709	Optimization Techniques	2014
07	M. Tech. - Electrical Power Systems	14MT10721	Power Systems and Relays lab	2014


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
07	M. Tech. - Electrical Power Systems	14MT20702	Flexible AC Transmission System	2014
07	M. Tech. - Electrical Power Systems	14MT20703	Power Quality	2014
07	M. Tech. - Electrical Power Systems	14MT20704	Smart Grid Technology	2014
07	M. Tech. - Electrical Power Systems	14MT20705	Intelligent Control	2014
07	M. Tech. - Electrical Power Systems	14MT20721	Power Systems Simulation lab	2014
07	M. Tech. - Electrical Power Systems	14MT20722	Seminar	2014
07	M. Tech. - Electrical Power Systems	16MT10702	High Voltage Engineering	2016
07	M. Tech. - Electrical Power Systems	16MT10703	Power Electronic Converters	2016
07	M. Tech. - Electrical Power Systems	16MT10704	Power System Security and State Estimation	2016
07	M. Tech. - Electrical Power Systems	16MT10705	Reactive Power Compensation and Management	2016
07	M. Tech. - Electrical Power Systems	16MT10706	EHVAC Transmission	2016
07	M. Tech. - Electrical Power Systems	16MT10709	Solar and Wind Energy Conversion Systems	2016
07	M. Tech. - Electrical Power Systems	16MT10731	High Voltage Engineering Lab	2016
07	M. Tech. - Electrical Power Systems	16MT10732	Power Systems Simulation-I lab	2016
07	M. Tech. - Electrical Power Systems	16MT20701	Flexible AC Transmission System	2016
07	M. Tech. - Electrical Power Systems	16MT20703	Power System Stability and Control	2016
07	M. Tech. - Electrical Power Systems	16MT20705	Static and Digital Protection of Power System	2016
07	M. Tech. - Electrical Power Systems	16MT20706	Energy Auditing, Conservation and Management	2016
07	M. Tech. - Electrical Power Systems	16MT20707	High Voltage DC Transmission	2016
07	M. Tech. - Electrical Power Systems	16MT20709	Smart Grid Technology	2016
07	M. Tech. - Electrical Power Systems	16MT20732	Power Systems Simulation-II lab	2016
07	M. Tech. - Electrical Power Systems	16MT3MOOC	Massive Open Online Courses MOOC	2016
01	M. Tech. - Master of Computer Applications	10MC50109	Service Oriented Architecture	2010
01	M. Tech. - Master of Computer Applications	10MC50110	Enterprise Resource Planning	2010
01	M. Tech. - Master of Computer Applications	10MC50111	Software Quality Assurance	2010
01	M. Tech. - Master of Computer Applications	10MC10101	Discrete Mathematical Structures	2010
01	M. Tech. - Master of Computer Applications	10MC20101	Computer Architecture and Organization	2010
01	M. Tech. - Master of Computer Applications	10MC20103	Object Oriented Programming	2010
01	M. Tech. - Master of Computer Applications	10MC20105	Object Oriented Programming Lab	2010


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
01	M. Tech. - Master of Computer Applications	10MC30101	Web Application Development	2010
01	M. Tech. - Master of Computer Applications	10MC30103	Data Warehousing and Data Mining	2010
01	M. Tech. - Master of Computer Applications	10MC30105	Web Application Development and Networks Lab	2010
01	M. Tech. - Master of Computer Applications	10MC30106	Data Warehousing and Data Mining Lab	2010
01	M. Tech. - Master of Computer Applications	10MC40101	Unix Programming Using C++	2010
01	M. Tech. - Master of Computer Applications	10MC40102	Multimedia Application Development	2010
01	M. Tech. - Master of Computer Applications	10MC40105	Business Intelligence	2010
01	M. Tech. - Master of Computer Applications	10MC40106	Computer Vision	2010
01	M. Tech. - Master of Computer Applications	10MC40107	Advanced DBMS	2010
01	M. Tech. - Master of Computer Applications	10MC40109	Design and Analysis of Algorithms	2010
01	M. Tech. - Master of Computer Applications	10MC40110	Software Architecture	2010
01	M. Tech. - Master of Computer Applications	10MC40111	UNIX Programming Using C++ Lab	2010
01	M. Tech. - Master of Computer Applications	10MC40112	Multimedia Application Development Lab	2010
01	M. Tech. - Master of Computer Applications	10MC4HS01	Organizational Behavior and Human Resource Management	2010
01	M. Tech. - Master of Computer Applications	10MC4HS02	Advanced Communication Skills	2010
01	M. Tech. - Master of Computer Applications	10MC50103	Middleware Technologies	2010
01	M. Tech. - Master of Computer Applications	10MC50104	E-Commerce	2010
01	M. Tech. - Master of Computer Applications	10MC50105	Mobile Computing	2010
01	M. Tech. - Master of Computer Applications	10MC50107	Semantic Web	2010
01	M. Tech. - Master of Computer Applications	10MC50108	Cloud Computing	2010
01	M. Tech. - Master of Computer Applications	10MC50112	Middleware Technologies and UML Lab	2010
01	M. Tech. - Master of Computer Applications	10MC60101	Project Work	2010
01	M. Tech. - Master of Computer Applications	14MC10102	Computer Organization	2014
01	M. Tech. - Master of Computer Applications	14MC10121	Programming in C and Data Structures Lab	2014
01	M. Tech. - Master of Computer Applications	14MC10122	IT & Management Lab	2014
01	M. Tech. - Master of Computer Applications	14MC1BS01	Mathematical Foundations of Computer Science	2014
01	M. Tech. - Master of Computer Applications	14MC1HS02	Professional Communication	2014
01	M. Tech. - Master of Computer Applications	14MC20102	Object Oriented Programming	2014
01	M. Tech. - Master of Computer Applications	14MC30121	Object Oriented Analysis and Design & Networks Lab	2014


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Program code	Program name	Course code	Name of the new course introduced in last 5 years	Year of introduction
01	M. Tech. - Master of Computer Applications	14MC40102	Web Programming	2014
01	M. Tech. - Master of Computer Applications	14MC40103	Big Data Analytics	2014
01	M. Tech. - Master of Computer Applications	14MC40106	User Interface Design	2014
01	M. Tech. - Master of Computer Applications	14MC40107	Design Patterns	2014
01	M. Tech. - Master of Computer Applications	14MC40109	Social Media	2014
01	M. Tech. - Master of Computer Applications	14MC40121	Web Programming Lab	2014
01	M. Tech. - Master of Computer Applications	14MC4HS01	Business Communication and Presentation Skills	2014
01	M. Tech. - Master of Computer Applications	14MC50104	Mobile Application Development	2014
01	M. Tech. - Master of Computer Applications	14MC50105	UNIX Internals	2014
01	M. Tech. - Master of Computer Applications	14MC50107	Network Management	2014
01	M. Tech. - Master of Computer Applications	14MC50121	Information Security Lab	2014
01	M. Tech. - Master of Computer Applications	14MC50122	Software Testing Lab	2014
01	M. Tech. - Master of Computer Applications	14MC50123	Cloud Computing Lab	2014
01	M. Tech. - Master of Computer Applications	16MC10131	IT Lab	2016
01	M. Tech. - Master of Computer Applications	16MC10132	Programming in C Lab	2016
01	M. Tech. - Master of Computer Applications	16MC1HS31	English Language Laboratory	2016
01	M. Tech. - Master of Computer Applications	16MC20103	Object Oriented Programming Through Java	2016
01	M. Tech. - Master of Computer Applications	16MC20132	Data Structures Through C Lab	2016
25	M. Tech. - Software Engineering	10MT12508	Virtualization and Cloud Computing	2010
25	M. Tech. - Software Engineering	10MT22506	Information Retrieval Systems	2010
25	M. Tech. - Software Engineering	14MT12504	Web Technologies	2014
25	M. Tech. - Software Engineering	14MT12505	Distributed Databases	2014
25	M. Tech. - Software Engineering	14MT12506	Machine Learning	2014
25	M. Tech. - Software Engineering	14MT12507	User Interface Design	2014
25	M. Tech. - Software Engineering	14MT12508	Cloud Computing	2014
25	M. Tech. - Software Engineering	14MT12521	Data Structures and Web Technologies Lab	2014
25	M. Tech. - Software Engineering	14MT22506	Big Data Technologies	2014
25	M. Tech. - Software Engineering	16MT10502	Advanced Database Management Systems	2016
25	M. Tech. - Software Engineering	16MT12531	Advanced Software Engineering Lab -1	2016


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25	M. Tech. - Software Engineering	16MT12532	Cloud Computing Lab	2016
25	M. Tech. - Software Engineering	16MT22531	Advanced Software Engineering Lab-2	2016
25	M. Tech. - Software Engineering	16MT22532	Big Data Technologies Lab	2016
57	M. Tech. - VLSI	10MT25702	CPLD & FPGA Architectures and Applications	2010
57	M. Tech. - VLSI	10MT25703	Digital System Testing and Testability	2010
57	M. Tech. - VLSI	14MT15702	Computational Techniques in Microelectronics	2014
57	M. Tech. - VLSI	14MT15703	Device Modeling	2014
57	M. Tech. - VLSI	14MT15705	IC Fabrication	2014
57	M. Tech. - VLSI	14MT15706	Advanced Digital Signal Processing	2014
57	M. Tech. - VLSI	14MT15707	FPGA Applications	2014
57	M. Tech. - VLSI	14MT15708	Low Voltage Analog Circuit Design	2014
57	M. Tech. - VLSI	14MT15709	ULSI Technology	2014
57	M. Tech. - VLSI	14MT15721	Analog and Digital IC Design Lab.	2014
57	M. Tech. - VLSI	14MT25703	Mixed Signal Design	2014
57	M. Tech. - VLSI	14MT25704	RF IC Design	2014
57	M. Tech. - VLSI	14MT25705	Testing and Testability	2014
57	M. Tech. - VLSI	14MT25707	Co-Design	2014
57	M. Tech. - VLSI	14MT25708	DSP Processors	2014
57	M. Tech. - VLSI	14MT25709	Wireless Sensor Networks	2014
57	M. Tech. - VLSI	14MT25722	Seminar	2014
57	M. Tech. - VLSI	16MT15707	FPGA Architectures and Applications	2016
57	M. Tech. - VLSI	16MT15731	Analog IC Design Lab	2016
57	M. Tech. - VLSI	16MT15732	Digital IC Design Lab	2016
57	M. Tech. - VLSI	16MT23808	Real Time Systems	2016
57	M. Tech. - VLSI	16MT25703	Nanoelectronics	2016
57	M. Tech. - VLSI	16MT25708	System-on-Chip Design and Verification	2016
57	M. Tech. - VLSI	16MT25731	Mixed Signal and Physical Design Automation Lab	2016
57	M. Tech. - VLSI	16MT25732	Nanoelectronics Lab	2016


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