



1.2.1.1. List of new courses introduced

Academic Year-2018-2019

S.NO	Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)
1	B.Tech Civil Engineering	Biology for Engineers	18CE2T04	2018-19
2	B.Tech Civil Engineering	Basic Electrical & Electronics Engineering	18CE2T05	2018-19
3	B.Tech Civil Engineering	Basic Electrical & Electronics Engineering Lab	18CE2L08	2018-19
4	B.Tech Civil Engineering	Management Science	R1631011	2018-19
5	B.Tech Civil Engineering	Transportation Engg. – II	R1631015	2018-19
6	B.Tech Civil Engineering	Concrete Technology Lab	R1631016	2018-19
7	B.Tech Civil Engineering	Transportation engg. Lab	R1631018	2018-19
8	B.Tech Civil Engineering	Geotechnical Engineering-I	R1632012	2018-19
9	B.Tech Civil Engineering	Waste Water Managemant(OE)	R163201D	2018-19
10	B.Tech Civil Engineering	Geotechnical Engineering Lab	R1632016	2018-19
11	B.Tech Civil Engineering	Environmental Engineering Lab	R1632017	2018-19
12	B.Tech Electrical & Electronics Engineering	Linear algebra and differential equations	18EE1T02	2018-19
13	B.Tech Electrical & Electronics Engineering	Problem Solving Approaches through C	18EE1T04	2018-19
14	B.Tech Electrical & Electronics Engineering	Engineering Graphics	18EE1T05	2018-19
15	B.Tech Electrical & Electronics Engineering	Problem Solving Approaches through C Lab	18EE1L08	2018-19



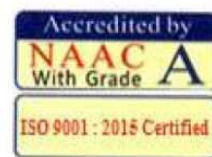
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16	B.Tech Electrical & Electronics Engineering	Field Practice Lab	18EE1L09	2018-19
17	B.Tech Electrical & Electronics Engineering	Vector Calculus and Fourier Transforms	18EE2T02	2018-19
18	B.Tech Electrical & Electronics Engineering	Biology For Engineers	18EE2T04	2018-19
19	B.Tech Electrical & Electronics Engineering	Power Systems –I	18EE2T05	2018-19
20	B.Tech Electrical & Electronics Engineering	Environmental Science	18EE2T09	2018-19
21	B.Tech Electrical & Electronics Engineering	Renewable Energy Sources	R1631022	2018-19
22	B.Tech Electrical & Electronics Engineering	Signals and Systems	R1631023	2018-19
23	B.Tech Electrical & Electronics Engineering	Electrical Measurements Laboratory	R1631028	2018-19
24	B.Tech Electrical & Electronics Engineering	Data Structures	R1632024	2018-19
25	B.Tech Electrical & Electronics Engineering	Unix & Shell Programming	R163202E	2018-19
26	B.Tech Electrical & Electronics Engineering	OOPS Through JAVA	R163202E	2018-19
27	B.Tech Electrical & Electronics Engineering	VLSI Design	R163202E	2018-19
28	B.Tech Electrical & Electronics Engineering	Robotics	R163202E	2018-19
29	B.Tech Electrical & Electronics Engineering	Neural Networks & Fuzzy Logic	R163202E	2018-19
30	B.Tech Electrical & Electronics Engineering	Energy Audit and Conservation & Management	R163202E	2018-19
31	B.Tech Electrical & Electronics Engineering	Microprocessors & Microcontrollers Laboratory	R1632026	2018-19
32	B.Tech Electrical & Electronics Engineering	Data Structures Laboratory	R1632027	2018-19
33	B.Tech Electrical & Electronics Engineering	Professional Ethics & Human Values(MC)	R1632028	2018-19
34	M.Tech(Power Electronics	HVDC	PG18EE1T0	2018-19



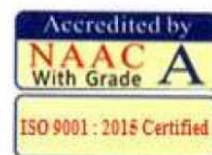
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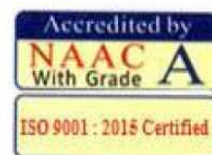


	& Electrical Drives)		5	
35	M.Tech(Power Electronics & Electrical Drives)	Analysis of power Electronic Converters	PG18EE1T02	2018-19
36	M.Tech(Power Electronics & Electrical Drives)	Simulation of Electrical Machines and Converters	PG18EE1L06	2018-19
37	M.Tech(Power Electronics & Electrical Drives)	Power Electronic Control of AC Drives	PG18EE2T01	2018-19
38	M.Tech(Power Electronics & Electrical Drives)	Renewable Energy Sources	PG18EE2T03	2018-19
39	M.Tech(Power Electronics & Electrical Drives)	Electric Drives Lab	PG18EE2L05	2018-19
40	M.Tech(Power Electronics & Electrical Drives)	Mini Project with Seminar	PG18EE2P06	2018-19
41	M.Tech(Power Electronics & Electrical Drives)	Digital control of drives	PG18EE3T01	2018-19
42	M.Tech(Power Electronics & Electrical Drives)	Comprehensive viva voce	PG18EE3V02	2018-19
43	M.Tech(Power Electronics & Electrical Drives)	Project Phase – I Dissertation	PG18EE3P03	2018-19
44	M.Tech(Power Electronics & Electrical Drives)	Project Phase – II Dissertation	PG18EE3P04	2018-19
45	B.Tech Mechanical Engineering	Linear Algebra & Differential Equations	18ME1T02	2018-19
46	B.Tech Mechanical Engineering	Problem solving through C	18ME1T04	2018-19
47	B.Tech Mechanical Engineering	Problem solving through C Lab	18ME1L08	2018-19
48	B.Tech Mechanical Engineering	Vector Calculus and Fourier Transforms	18ME2T02	2018-19
49	B.Tech Mechanical Engineering	Biology for Engineers	18ME2T04	2018-19
50	B.Tech Mechanical Engineering	Engineering Graphics	18ME2T06	2018-19
51	B.Tech Mechanical Engineering	Basic Electrical & Electronics Engineering Lab	18ME2L08	2018-19
52	B.Tech Mechanical Engineering	Theory of Machines Lab	R1631036	2018-19
53	B.Tech Mechanical	Thermal Engineering Lab	R1631038	2018-19



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	Engineering			
54	B.Tech Mechanical Engineering	COMPUTATIONAL FLUID DYNAMICS LAB	R1632038	2018-19
55	ME-M. Tech (Machine Design)	Advanced Stress Analysis	M18MD101	2018-19
56	ME-M. Tech (Machine Design)	Advanced Vibrations and Acoustics	M18MD102	2018-19
57	ME-M. Tech (Machine Design)	Advanced Engineering Materials	M18MD106	2018-19
58	ME-M. Tech (Machine Design)	Numerical Simulation lab	M18MD112	2018-19
59	ME-M. Tech (Machine Design)	Research Methodology and IPR	M18MD109	2018-19
60	ME-M. Tech (Machine Design)	Audit Course - 1 (Constitution of India)	M18MD110	2018-19
61	ME-M. Tech (Machine Design)	Computer Aided Design	M18MD202	2018-19
62	ME-M. Tech (Machine Design)	Robotics	M18MD204	2018-19
63	ME-M. Tech (Machine Design)	Simulation lab	M18MD212	2018-19
64	ME-M. Tech (Machine Design)	Audit -2 (Disaster Management)	M18MD209	2018-19
65	B.Tech Electronics and Communication Engineering	Problem solving through C and Python	18EC1T04	2018-19
66	B.Tech Electronics and Communication Engineering	Engineering Graphics	18EC1T05	2018-19
67	B.Tech Electronics and Communication Engineering	Problem solving through C and Python Lab	18EC1L08	2018-19
68	B.Tech Electronics and Communication Engineering	Biology for Engineers	18EC2T04	2018-19
69	B.Tech Electronics and Communication Engineering	Basic Electronics & Electrical Engineering	18EC2T05	2018-19



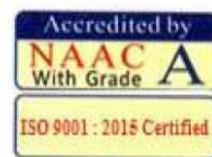
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70	B.Tech Electronics and Communication Engineering	Basic Electronics & Electrical Engineering Lab	18EC2L08	2018-19
71	B.Tech Electronics and Communication Engineering	Computer Architecture and Organization	R1631041	2018-19
72	B.Tech Electronics and Communication Engineering	Professional Ethics & Human Values	MC	2018-19
73	B.Tech Electronics and Communication Engineering	OOPs through Java	R163204A	2018-19
74	B.Tech Electronics and Communication Engineering	Industrial Robotics	R163204B	2018-19
75	B.Tech Electronics and Communication Engineering	Power Electronics	R163204C	2018-19
76	B.Tech Electronics and Communication Engineering	Artificial Neural Networks	R163204E	2018-19
77	B.Tech Electronics and Communication Engineering	Data Mining	R163204F	2018-19
78	M.Tech (VLSI and Embedded Systems)	System on Chip Design	18411T05	2018-19
79	M.Tech (VLSI and Embedded Systems)	Soft Computing Techniques	18411T07	2018-19
80	M.Tech (VLSI and Embedded Systems)	Digital System Design using Verilog and VHDL LAB	18411L10	2018-19
81	M.Tech (VLSI and Embedded Systems)	Embedded Real Time Operating Systems	18411T02	2018-19
82	M.Tech (VLSI and Embedded Systems)	DSP Processors & Architectures	18412T07	2018-19
83	M.Tech (VLSI and Embedded Systems)	Intellectual Property Rights And Patents	18412T11	2018-19
84	B.Tech Computer Science and Engineering	English -1	18CS1T01	2018-19



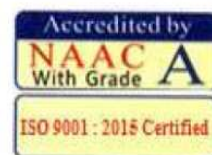
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85	B.Tech Computer Science and Engineering	Linear Algebra & Differential Equations	18CS1T02	2018-19
86	B.Tech Computer Science and Engineering	Applied Physics	18CS1T03	2018-19
87	B.Tech Computer Science and Engineering	Problem Solving Approaches	18CS1T04	2018-19
88	B.Tech Computer Science and Engineering	Engineering Graphics	18CS1T05	2018-19
89	B.Tech Computer Science and Engineering	English Communication Skills Lab-1	18CS1L06	2018-19
90	B.Tech Computer Science and Engineering	Applied Physics Lab	18CS1L07	2018-19
91	B.Tech Computer Science and Engineering	Problem Solving Approaches Lab	18CS1L08	2018-19
92	B.Tech Computer Science and Engineering	IT WORKSHOP	18CS1L09	2018-19
93	B.Tech Computer Science and Engineering	ENGLISH-II	18CS2T01	2018-19
94	B.Tech Computer Science and Engineering	VECTOR CALCULUS AND FOURIER TRANSFORMS	18CS2T02	2018-19
95	B.Tech Computer Science and Engineering	APPLIED CHEMISTRY	18CS2T03	2018-19
96	B.Tech Computer Science and Engineering	BIOLOGY FOR ENGINEERS	18CS2T04	2018-19
97	B.Tech Computer Science and Engineering	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	18CS2T05	2018-19
98	B.Tech Computer Science and Engineering	DATA STRUCTURES THROUGH C	18CS2T06	2018-19
99	B.Tech Computer Science and Engineering	APPLIED CHEMISTRY LAB	18CS2L07	2018-19
100	B.Tech Computer Science and Engineering	DATA STRUCTURES THROUGH C LAB	18CS2L08	2018-19
101	B.Tech Computer Science and Engineering	ENVIRONMENTAL STUDIES	18CS2T09	2018-19
102	B.Tech Computer Science and Engineering	Unix Programming	R1631052	2018-19
103	B.Tech Computer Science	Object Oriented Analysis and	R1631053	2018-19



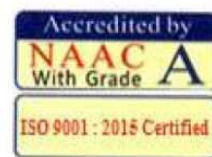
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	and Engineering	Design using UML		
104	B.Tech Computer Science and Engineering	Unified Modeling Lab	R1631056	2018-19
105	B.Tech Computer Science and Engineering	Professional Ethics & Human Values	MC	2018-19
106	B.Tech Computer Science and Engineering	SOFTWARE TESTING METHODOLOGIES	R1632054	2018-19
107	B.Tech Computer Science and Engineering	Artificial Intelligence	R163205A	2018-19
108	B.Tech Computer Science and Engineering	Internet of Things	R163205B	2018-19
109	B.Tech Computer Science and Engineering	Cyber Security	R163205C	2018-19
110	B.Tech Computer Science and Engineering	Digital Signal Processing	R163205D	2018-19
111	B.Tech Computer Science and Engineering	Embbded Systems	R163205E	2018-19
112	B.Tech Computer Science and Engineering	Robotics	R163205F	2018-19
113	B.Tech Computer Science and Engineering	SOFTWARE TESTING LAB	R1632057	2018-19
114	M. Tech Computer Science and Engineering	Advanced Data Structures	PG18CS1T0 2	2018-19
115	M. Tech Computer Science and Engineering	Machine Learning	PG18CS1T0 3	2018-19
116	M. Tech Computer Science and Engineering	Distributed Systems	PG18CS1T0 7	2018-19
117	M. Tech Computer Science and Engineering	Research Methodology and IPR	PG18CS1T0 9	2018-19
118	M. Tech Computer Science and Engineering	English for Research Paper Writing	PG18CS1T1 0	2018-19
119	M. Tech Computer Science and Engineering	Advanced Data Structures Lab	PG18CS1L1 1	2018-19
120	M. Tech Computer Science and Engineering	Machine Learning Lab	PG18CS1L1 2	2018-19
121	M. Tech Computer Science and Engineering	Advanced Algorithms	PG18CS2T0 1	2018-19
122	M. Tech Computer Science	Soft Computing	PG18CS2T0	2018-19



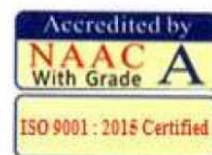
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	and Engineering		2	
123	M. Tech Computer Science and Engineering	Data Preparation and Analysis	PG18CS2T03	2018-19
124	M. Tech Computer Science and Engineering	Human and Computer Interaction	PG18CS2T06	2018-19
125	M. Tech Computer Science and Engineering	Value Education	PG18CS2T09	2018-19
126	M. Tech Computer Science and Engineering	Advanced Algorithms Lab	PG18CS2L10	2018-19
127	M. Tech Computer Science and Engineering	Data Preparation and Analysis Lab	PG18CS2L11	2018-19
128	M. Tech Computer Science and Engineering	Mini Project with Seminar	PG18CS2L12	2018-19
129	B.Tech Informaton Technology	Linear Algebra & Differential Equations	18IT1T02	2018-19
130	B.Tech Informaton Technology	Problem Solving Approaches	18IT1T04	2018-19
131	B.Tech Informaton Technology	Engineering Graphics	18IT1T05	2018-19
132	B.Tech Informaton Technology	Problem solving Approaches lab	18IT1L08	2018-19
133	B.Tech Informaton Technology	IT workshop	18IT2L09	2018-19
134	B.Tech Informaton Technology	Vector Calculus & Fourier Transforms	18IT2T02	2018-19
135	B.Tech Informaton Technology	Biology for Engineers	18IT2T04	2018-19
136	B.Tech Informaton Technology	Basic Electrical and Electronic Engineering	18IT2T05	2018-19
137	B.Tech Informaton Technology	Data Structures through C	18IT2T06	2018-19
138	B.Tech Informaton Technology	Data Structures through C lab	18IT2L08	2018-19
139	Master of Computer Applications	Probability & Statistics	18MC1T05	2018-19
140	Master of Computer Applications	Environmental Studies	18MC1T08	2018-19
141	Master of Computer	Management Science	18MC2T04	2018-19



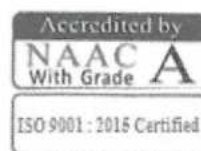
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	Applications			
142	Master of Computer Applications	Professional Ethics & Human Values	18MC3T08	2018-19
143	Master of Computer Applications	Cryptography & Network Security	18MC4T05	2018-19
144	Master of Computer Applications	Distributed Systems	18MC4T06	2018-19
145	Master of Computer Applications	Employability Skills	18MC4T11	2018-19
146	Master of Computer Applications	Big Data Analytics	MC1651	2018-19
147	Master of Computer Applications	Python Programming	MC1653	2018-19
148	Master of Computer Applications	cyber Security	MC16541	2018-19
149	Master of Computer Applications	Internet of Things	MC16551	2018-19
150	Master of Computer Applications	Big Data Analytics Lab	MC165A	2018-19
151	Master of Computer Applications	Python Programming Lab	MC165C	2018-19


Signature of the Principal

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