

1.2.1.1. List of new courses introduced

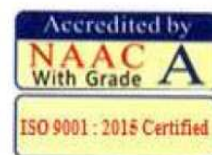
Academic Year-2020-2021

S.N O	Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)
1	B.Tech Civil Engineering	Building Construction And Materials	20CE1T04	2020-21
2	B.Tech Civil Engineering	Civil Engineering Workshop	20CE1L08	2020-21
3	B.Tech Civil Engineering	Transform Techniques	20CE2T01	2020-21
4	B.Tech Civil Engineering	Engineering Mechanics	20CE2T03	2020-21
5	B.Tech Civil Engineering	Building Planning And Drawing	20CE2T04	2020-21
6	B.Tech Civil Engineering	Computer Aided Building Drawing Lab	20CE2L07	2020-21
7	B.Tech Civil Engineering	Geotechnical Engineering	18CE5T04	2020-21
8	B.Tech Civil Engineering	Hydrology & Water Resources Engineering	18CE5T05	2020-21
9	B.Tech Civil Engineering	Geotechnical Engineering Lab	18CE5L08	2020-21
10	B.Tech Civil Engineering	Constitution Of India	18CE5N09	2020-21
11	B.Tech Civil Engineering	Quantative Aptitude & Reasoning	18CE6T05	2020-21
12	B.Tech Civil Engineering	Low Cost Housing	18CE6T06	2020-21
13	B.Tech Electrical & Electronics Engineering	Applied Physics	20EE1T02	2020-21
14	B.Tech Electrical & Electronics Engineering	Basic Mechanical Engineering	20EE1T04	2020-21
15	B.Tech Electrical & Electronics Engineering	Applied Physics Lab	20EE1L07	2020-21



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16	B.Tech Electrical & Electronics Engineering	Electrical Engineering Workshop	20EE1L08	2020-21
17	B.Tech Electrical & Electronics Engineering	Transform Techniques	20EE2T01	2020-21
18	B.Tech Electrical & Electronics Engineering	Applied Chemistry	20EE2T02	2020-21
19	B.Tech Electrical & Electronics Engineering	Problem Solving Through C	20EE2T05	2020-21
20	B.Tech Electrical & Electronics Engineering	Applied Chemistry Lab	20EE2L06	2020-21
21	B.Tech Electrical & Electronics Engineering	Problem Solving Through C Lab	20EE2L08	2020-21
22	B.Tech Electrical & Electronics Engineering	Switchgear and Protection	18EE6T02	2020-21
23	B.Tech Electrical & Electronics Engineering	Management Science	18EE6T04	2020-21
24	M.Tech(Power Electronics & Drives)	Research Methodology & IPR	20211T05	2020-21
25	M.Tech(Power Electronics & Drives)	Special Electrical Machines	20212T04	2020-21
26	M.Tech(Power Electronics & Drives)	Flexible AC Transmission Systems	20212T07	2020-21
27	M.Tech(Power Electronics & Drives)	Embedded Systems	20213T02	2020-21
28	B.Tech Mechanical Engineering	Transform Techniques	20ME2T01	2020-21
29	B.Tech Mechanical Engineering	Thermodynamics	20ME2T04	2020-21
30	B.Tech Mechanical Engineering	Environmental Science	20ME2M09	2020-21
31	B.Tech Mechanical Engineering	Management Science & Productivity	18ME5T02	2020-21
32	B.Tech Mechanical Engineering	Turbo machines	18ME5T03	2020-21
33	B.Tech Mechanical Engineering	Communication Skills Lab	18ME5L15	2020-21
34	B.Tech Mechanical Engineering	Essence of Indian Traditional Culture	18ME5T16	2020-21



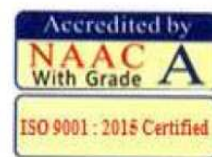
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35	B.Tech Mechanical Engineering	Design of Transmission Elements	18ME6T01	2020-21
36	B.Tech Mechanical Engineering	Disaster Management	18ME6T23	2020-21
37	B.Tech Mechanical Engineering	Summer Internship	18ME6I24	2020-21
38	B.Tech Electronics & Communication Engineering	Engineering Drawing	20EC2T05	2020-21
39	B.Tech Electronics & Communication Engineering	Engineering & IT Workshop	20EC2L07	2020-21
40	B.Tech Electronics & Communication Engineering	Transform Techniques	20EC2T01	2020-21
41	B.Tech Electronics & Communication Engineering	Quantitative Aptitude & Reasoning	18EC5T05	2020-21
42	B.Tech Electronics & Communication Engineering	Solid State Devices and Circuits	18EC5T06	2020-21
43	B.Tech Electronics & Communication Engineering	Principals of Communication	18EC5T07	2020-21
44	B.Tech Electronics & Communication Engineering	Analog and Digital Communications	18EC5T01	2020-21
45	B.Tech Electronics & Communication Engineering	DSP Lab	18EC5L09	2020-21
46	B.Tech Electronics & Communication Engineering	Communication Systems Lab	18EC5L10	2020-21
47	B.Tech Electronics & Communication Engineering	Essence of Indian Traditional Knowledge	18EC5N11	2020-21
48	B.Tech Electronics & Communication Engineering	Cellular Mobile Communication	18EC6T03	2020-21



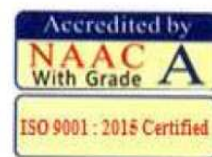
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49	B.Tech Electronics & Communication Engineering	Internet of Things	18EC6T04	2020-21
50	B.Tech Electronics & Communication Engineering	Digital Signal Processor and Architecture	18EC6T05	2020-21
51	B.Tech Electronics & Communication Engineering	Employability skills 2	18EC6T07	2020-21
52	B.Tech Electronics & Communication Engineering	Computer Networks	18EC6T08	2020-21
53	B.Tech Electronics & Communication Engineering	Embedded Systems	18EC6T09	2020-21
54	B.Tech Electronics & Communication Engineering	OOPS Through JAVA LAB	18EC6L11	2020-21
55	B.Tech Electronics & Communication Engineering	Technical Seminar	18EC6P11	2020-21
56	M.Tech (VLSI and Embedded Systems)	Analog VLSI Design	20411T03	2020-21
57	M.Tech (VLSI and Embedded Systems)	CMOS Mixed Signal Circuit Design	20412T03	2020-21
58	B.Tech Computer Science and Engineering	Web Technologies	18CS5T02	2020-21
59	B.Tech Computer Science and Engineering	Formal Languages & Automata Theory	18CS5T04	2020-21
60	B.Tech Computer Science and Engineering	Advanced Computer Architecture	18CS5T06	2020-21
61	B.Tech Computer Science and Engineering	Advanced Operating Systems	18CS5T07	2020-21
62	B.Tech Computer Science and Engineering	Employability Skills: Competitive Coding	18CS5T08	2020-21
63	B.Tech Computer Science and Engineering	Optimization Techniques	18CS5T09	2020-21



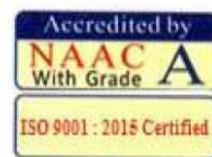
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64	B.Tech Computer Science and Engineering	Electrical Engineering Materials	18CS5T10	2020-21
65	B.Tech Computer Science and Engineering	Basics of Control Systems	18CS5T11	2020-21
66	B.Tech Computer Science and Engineering	Design Thinking & Product Innovation	18CS5T12	2020-21
67	B.Tech Computer Science and Engineering	Solid State Devices and Circuits	18CS5T13	2020-21
68	B.Tech Computer Science and Engineering	Principles of Communication	18CS5T14	2020-21
69	B.Tech Computer Science and Engineering	Employability Skills: Quantitative Aptitude & Reasoning	18CS5T15	2020-21
70	B.Tech Computer Science and Engineering	Web Technologies Lab	18CS5L17	2020-21
71	B.Tech Computer Science and Engineering	Software Engineering	18CS6T03	2020-21
72	B.Tech Computer Science and Engineering	Internet of Things	18CS6T05	2020-21
73	B.Tech Computer Science and Engineering	Distributed Systems	18CS6T06	2020-21
74	B.Tech Computer Science and Engineering	Quantative Aptitude & Reasoning	18CS6T07	2020-21
75	B.Tech Computer Science and Engineering	Basic Civil Engineering	18CS6T08	2020-21
76	B.Tech Computer Science and Engineering	Sustainable Engineering Practices	18CS6T09	2020-21
77	B.Tech Computer Science and Engineering	Disaster Management	18CS6T10	2020-21
78	B.Tech Computer Science and Engineering	Low Cost Housing	18CS6T11	2020-21
79	B.Tech Computer Science and Engineering	Design and Estimation of Electrical Systems	18CS6T12	2020-21
80	B.Tech Computer Science and Engineering	Energy Audit, Conservation and Management	18CS6T13	2020-21
81	B.Tech Computer Science and Engineering	Nanotechnology	18CS6T14	2020-21
82	B.Tech Computer Science and Engineering	Microprocessors and	18CS6T15	2020-21



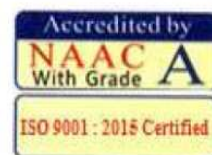
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	Engineering	microcontroller		
83	B.Tech Computer Science and Engineering	Embedded Systems	18CS6T16	2020-21
84	B.Tech Computer Science and Engineering	Employability Skills: Competitive Coding	18CS6T17	2020-21
85	B.Tech Computer Science and Engineering	Computer Networks	18CS6T18	2020-21
86	B.Tech Computer Science and Engineering	Managerial Economics and Financial Analysis	18CS6T19	2020-21
87	B.Tech Computer Science and Engineering	Cross Cultural management	18CS6T20	2020-21
88	B.Tech Computer Science and Engineering	Essence of Indian Traditional Knowledge	18CS6T23	2020-21
89	B.Tech Computer Science and Engineering	Software Engineering Lab	18CS6L22	2020-21
90	M. Tech Computer Science and Engineering	Advanced Data Structures & Algorithms	20511T02	2020-21
91	M. Tech Computer Science and Engineering	Big Data Analytics	20511T03	2020-21
92	M. Tech Computer Science and Engineering	Digital Image Processing	20511T04	2020-21
93	M. Tech Computer Science and Engineering	Advanced Operating Systems	20511T05	2020-21
94	M. Tech Computer Science and Engineering	Advanced Computer Networks	20511T06	2020-21
95	M. Tech Computer Science and Engineering	Internet of Things	20511T07	2020-21
96	M. Tech Computer Science and Engineering	Object Oriented Software Engineering	20511T08	2020-21
97	M. Tech Computer Science and Engineering	Advanced Data Structures & Algorithms Lab	20511L10	2020-21
98	M. Tech Computer Science and Engineering	Advanced Computing Lab	20511L11	2020-21
99	M. Tech Computer Science and Engineering	Constitution of India	20511M12	2020-21
100	M. Tech Computer Science and Engineering	Machine Learning	20512T01	2020-21
101	M. Tech Computer Science and	MEAN Stack Technologies	20512T02	2020-21



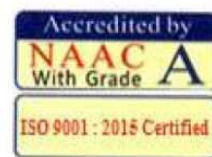
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	Engineering			
102	M. Tech Computer Science and Engineering	Advanced Databases and Mining	20512T03	2020-21
103	M. Tech Computer Science and Engineering	Adhoc & Sensor Networks	20512T04	2020-21
104	M. Tech Computer Science and Engineering	Soft Computing	20512T05	2020-21
105	M. Tech Computer Science and Engineering	Cloud Computing	20512T06	2020-21
106	M. Tech Computer Science and Engineering	Principles of Computer Security	20512T07	2020-21
107	M. Tech Computer Science and Engineering	High Performance Computing	20512T08	2020-21
108	M. Tech Computer Science and Engineering	Machine Learning with Python Lab	20512L09	2020-21
109	M. Tech Computer Science and Engineering	MEAN Stack Technologies Lab	20512L10	2020-21
110	M. Tech Computer Science and Engineering	Diasaster management	20512M12	2020-21
111	B.Tech Informaton Technology	Problem solving through C	20IT1T05	2020-21
112	B.Tech Informaton Technology	Problem solving through C lab	20IT1L08	2020-21
113	B.Tech Informaton Technology	Transformation Techniques	20IT2T01	2020-21
114	B.Tech Informaton Technology	Python Programming	20IT2T05	2020-21
115	B.Tech Informaton Technology	Python Programming Lab	20IT2L08	2020-21
116	B.Tech Informaton Technology	Design and Analysis of Algorithms	18IT5T03	2020-21
117	B.Tech Informaton Technology	Formal Languages & Automata Theory	18IT5T04	2020-21
118	B.Tech Informaton Technology	Internet of Things	18IT5T05	2020-21
119	B.Tech Informaton Technology	Agile Technologies	18IT5T07	2020-21
120	B.Tech Informaton Technology	Compiler Design	18IT6T01	2020-21



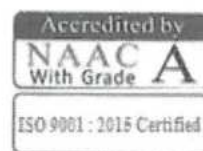
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121	B.Tech Informaton Technology	Business Intelligence	18IT6T04	2020-21
122	B.Tech Informaton Technology	Essence of Traditional Knowledge	18IT6T23	2020-21
123	B.Tech Informaton Technology	Software Engineering Lab	18IT6L22	2020-21
124	B.Tech Informaton Technology	Computer Networks Lab	18IT6L21	2020-21
125	Master of Computer Applications	Business Communication	20MC1T01	2020-21
126	Master of Computer Applications	Mathematical and Statistical Foundations	20MC1T02	2020-21
127	Master of Computer Applications	Business Communication Lab	20MC1L06	2020-21
128	Master of Computer Applications	Project using Design Thinking	20MC1M09	2020-21
129	Master of Computer Applications	R Programming	18MC3T02	2020-21
130	Master of Computer Applications	Professional Ethics & Human Values	18MC3T08	2020-21
131	Master of Computer Applications	Cryptography & Network Security	18MC4T05	2020-21
132	Master of Computer Applications	Distributed Systems	18MC4T06	2020-21


Signature of the Principal

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