Supporting Documents
Criteria: 1.2.2

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List of Programs and Electives for the Assessment period

1) List of Electives of B.TECH in Civil Engineering for the Assessment period

Sl. no.	Name of the Programme	Name of the Elective Course/ Subject	Elective Course/ Subject code	Year of Offering
1	B.Tech in Civil Engineering	Hydraulics	CE 503A	2018
2	B.Tech in Civil Engineering	Water Supply and Plumbing	CE 503B	2018
3	B.Tech in Civil Engineering	Waste Water and Treatment	CE 503C	2018
4	B.Tech in Civil Engineering	Transportation Engineering	CE 504A	2018
5	B.Tech in Civil Engineering	Infrastructure Planning & Design	CE 504B	2018
6	B.Tech in Civil Engineering	Public Transport System	CE 504C	2018
7	B.Tech in Civil Engineering	Transportation and Highway Engineering Lab	CE 591A	2018
8	B.Tech in Civil Engineering	Infrastructure Planning & Design Lab	CE 591B	2018
9	B.Tech in Civil Engineering	Public Transport System Lab	CE 591C	2018
10	B.Tech in Civil Engineering	Bridge Engineering	CE 603A	2018
11	B.Tech in Civil Engineering	Pre stressed Concrete	CE 603B	2018
12	B.Tech in Civil Engineering	Structural Dynamics and Earthquake	CE 603C	2018
13	B.Tech in Civil Engineering	Operations Research	CE 604A	2018
14	B.Tech in Civil Engineering	Human Resource Management	CE 604B	2018
15	B.Tech in Civil Engineering	Studies On Six Sigma	CE 604C	2018
16	B.Tech in Civil Engineering	Hydrology and Water Resource Engineering	CE 702A	2018
17	B.Tech in Civil Engineering	Irrigation Engineering	CE 702B	2018
18	B.Tech in Civil Engineering	Hydraulic Structure	CE 702C	2018
19	B.Tech in Civil Engineering	Ground Improvement & Technique	CE 703A	2018
20	B.Tech in Civil Engineering	Urban Planning	CE 703B	2018
21	B.Tech in Civil Engineering	Traffic Engineering & Planning	CE 703C	2018
22	B.Tech in Civil Engineering	Engineering Materials	CE 704A	2018
23	B.Tech in Civil Engineering	Electrical And Electronics Measurement	CE 704B	2018
24	B.Tech in Civil Engineering	Material Handling	CE 704C	2018
25	B.Tech in Civil Engineering	Material Testing Lab	CE 792A	2018
26	B.Tech in Civil Engineering	Electrical and Electronic Measurement Laboratory	CE 792B	2018
27	B.Tech in Civil Engineering	Material Handling Laboratory	CE 792C	2018
28	B.Tech in Civil Engineering	Dynamics of Soil & Foundation	CE 801A	2018
29	B.Tech in Civil Engineering	Finite Element Analysis	CE 801B	2018
30	B.Tech in Civil Engineering	Advanced Structural Analysis	CE 801C	2018
31	B.Tech in Civil Engineering	Advanced Foundation Engineering	CE 802A	2018

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32	B.Tech in Civil Engineering	Advanced Transportation Engineering	CE 802B	2018
33	B.Tech in Civil Engineering	Pavement Design	CE 802C	2018
34	B.Tech in Civil Engineering	Metro System and Engineering	CE803A	2018
35	B.Tech in Civil Engineering	Air & Noise Pollution And Control	CE 803B	2018
36	B.Tech in Civil Engineering	Remote Sensing And GIS	CE 803C	2018
37	B.Tech in Civil Engineering	Hydraulics	CE 505A	2016
38	B.Tech in Civil Engineering	Water Supply and Plumbing	CE 505B	2016
39	B.Tech in Civil Engineering	Waste Water and Treatment	CE 505C	2016
40	B.Tech in Civil Engineering	Engineering Materials	CE 604A	2016
41	B.Tech in Civil Engineering	Electrical and Electronics Measurement	CE 604B	2016
42	B.Tech in Civil Engineering	Material Handling	CE 604C	2016
43	B.Tech in Civil Engineering	Operation Research	CE 605A	2016
44	B.Tech in Civil Engineering	Human Resource Management	CE 605B	2016
45	B.Tech in Civil Engineering	Studies on Six Sigma	CE605C	2016
46	B.Tech in Civil Engineering	Bridge Engineering	CE702A	2016
47	B.Tech in Civil Engineering	Prestressed Concrete	CE 702B	2016
48	B.Tech in Civil Engineering	Structural Dynamics And Earthquake Engineering	CE 702C	2016
49	B.Tech in Civil Engineering	Transportation Engineering	CE704A	2016
50	B.Tech in Civil Engineering	Traffic Engineering & Planning	CE 704B	2016
51	B.Tech in Civil Engineering	Urban Planning	CE 704C	2016
52	B.Tech in Civil Engineering	Dynamics of Soil & Foundation	CE 801A	2016
53	B.Tech in Civil Engineering	Finite Element Analysis	CE 801B	2016
54	B.Tech in Civil Engineering	Advanced Structural Analysis	CE 801C	2016
55	B.Tech in Civil Engineering	Advanced Foundation Engineering	CE 802A	2016
56	B.Tech in Civil Engineering	Ground Improvement & Technique	CE 802B	2016
57	B.Tech in Civil Engineering	Advanced Transportation Engineering	CE 802C	2016
58	B.Tech in Civil Engineering	Pavement Design	CE 802D	2016
59	B.Tech in Civil Engineering	Hydraulic Structure	CE 803A	2016
60	B.Tech in Civil Engineering	Water Resource Management And Planning	CE 803B	2016
61	B.Tech in Civil Engineering	Air & Noise Pollution And Control	CE 803C	2016
62	B.Tech in Civil Engineering	Remote Sensing And GIS	CE 803D	2016
63	B.Tech in Civil Engineering	Bridge Engineering	CE 604A	2015
64	B.Tech in Civil Engineering	Prestressed Concrete	CE 604B	2015
65	B.Tech in Civil Engineering	Structural Dynamics and Earthquake Engineering	CE 604C	2015
66	B.Tech in Civil Engineering	Operations Research(M)	CE 605A	2015
67	B.Tech in Civil Engineering	Human Resource Management(HSS)	CE 605B	2015
68	B.Tech in Civil Engineering	Materials Handling(ME)	CE605C	2015
69	B.Tech in Civil Engineering	Advanced Foundation Engineering	CE 703A	2015
70	B.Tech in Civil Engineering	Soil Stabilization and Ground Improvement Techniques	CE 703B	2015
71	B.Tech in Civil Engineering	Advanced Highway and Transportation Engineering	CE 703C	2015

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72	B.Tech in Civil Engineering	Advanced Structural Analysis	CE 704A	2015
73	B.Tech in Civil Engineering	Hydraulic Structures	CE 704B	2015
74	B.Tech in Civil Engineering	Engineering Materials	CE 705A	2015
75	B.Tech in Civil Engineering	Electrical and Electronic Measurement	CE 705B	2015
76	B.Tech in Civil Engineering	Material Testing Lab	CE 793A	2015
77	B.Tech in Civil Engineering	Electrical and Electronic Measurement Laboratory	CE 793B	2015
78	B.Tech in Civil Engineering	Environmental Pollution and Control	CE 801A	2015
79	B.Tech in Civil Engineering	Water Resource Management and Planning	CE 801B	2015
80	B.Tech in Civil Engineering	Remote Sensing and GIS	CE 801C	2015
81	B.Tech in Civil Engineering	Finite Element Method	CE 802A	2015
82	B.Tech in Civil Engineering	Dynamics of Soils & Foundations	CE 802B	2015
83	B.Tech in Civil Engineering	Design of Tall Buildings	CE 802C	2015
84	B.Tech in Civil Engineering	Pavement Design	CE 802D	2015

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2) List of Electives of B.TECH in Electronics and Communication Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	B. Tech. in Electronics and Communication Engineering	Information Theory & Coding	EC 504A	2018
2	B. Tech. in Electronics and Communication Engineering	Renewable Energy Sources & Applications	EC 504 B	2018
3	B. Tech. in Electronics and Communication Engineering	Nano Electronics	EC 504C	2018
4	B. Tech. in Electronics and Communication Engineering	Mobile Communication & Network	EC 604A	2018
5	B. Tech. in Electronics and Communication Engineering	Advanced Microprocessor & Microcontroller	EC 604B	2018
6	B. Tech. in Electronics and Communication Engineering	Introduction to Python	EC 604C	2018
7	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming using JAVA	EC 605A	2018
8	B. Tech. in Electronics and Communication Engineering	Computer Communication & Network Security	EC 605B	2018
9	B. Tech. in Electronics and Communication Engineering	Artificial Intelligence & Robotics	EC 605C	2018
10	B. Tech. in Electronics and Communication Engineering	Mobile Communication & Network Lab	EC 694A	2018
11	B. Tech. in Electronics and Communication Engineering	Advanced Microprocessor & Microcontroller Lab	EC 694B	2018
12	B. Tech. in Electronics and Communication Engineering	Python Programming Lab	EC 694C	2018
13	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming using JAVA Lab	EC 695A	2018
14	B. Tech. in Electronics and Communication Engineering	Computer Communication & Network Security Lab	EC 695B	2018
15	B. Tech. in Electronics and Communication Engineering	Artificial Intelligence & Robotics Lab	EC 695C	2018
16	B. Tech. in Electronics and Communication Engineering	Satellite & Optical Communication	EC 701A	2018
17	B. Tech. in Electronics and Communication Engineering	Digital Image & Video Processing	EC 701B	2018
18	B. Tech. in Electronics and Communication Engineering	Remote Sensing & GIS	EC 701C	2018
19	B. Tech. in Electronics and Communication Engineering	Data Base Management Systems	EC 702A	2018

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20	B. Tech. in Electronics and Communication Engineering	Machine Learning	EC 702B	2018
21	B. Tech. in Electronics and Communication Engineering	Internet of Things (IOT)	EC 702C	2018
22	B. Tech. in Electronics and Communication Engineering	Satellite & Optical Communication Lab	EC 791A	2018
23	B. Tech. in Electronics and Communication Engineering	Digital Image & Video Processing Lab	EC 791B	2018
24	B. Tech. in Electronics and Communication Engineering	Remote Sensing & GIS Lab	EC 791C	2018
25	B. Tech. in Electronics and Communication Engineering	Data Base Management Systems Lab	EC 792A	2018
26	B. Tech. in Electronics and Communication Engineering	Machine Learning Lab	EC 792B	2018
27	B. Tech. in Electronics and Communication Engineering	Internet of Things (IOT) Lab	EC 792C	2018
28	B. Tech. in Electronics and Communication Engineering	Adaptive Signal Processing	EC 801A	2018
29	B. Tech. in Electronics and Communication Engineering	Wireless Sensor Network	EC 801B	2018
30	B. Tech. in Electronics and Communication Engineering	Embedded System	EC 801C	2018
31	B. Tech. in Electronics and Communication Engineering	Cloud Computing	EC 802A	2018
32	B. Tech. in Electronics and Communication Engineering	Data Science	EC 802B	2018
33	B. Tech. in Electronics and Communication Engineering	Block Chain	EC 802C	2018
34	B. Tech. in Electronics and Communication Engineering	Biomedical Electronics & Imaging	EC 803A	2018
35	B. Tech. in Electronics and Communication Engineering	Automotive Electronics	EC 803B	2018
36	B. Tech. in Electronics and Communication Engineering	Physical Design, Verification & Testing	EC 803C	2018
37	B. Tech. in Electronics and Communication Engineering	Adaptive Signal Processing Lab	EC 891A	2018
38	B. Tech. in Electronics and Communication Engineering	Wireless Sensor Network Lab	EC 891B	2018
39	B. Tech. in Electronics and Communication Engineering	Embedded System Lab	EC 891C	2018
40	B. Tech. in Electronics and Communication Engineering	Power Electronics	EC 504 A	2016
41	B. Tech. in Electronics and Communication Engineering	Electrical & Electronics Measurement	EC 504 B	2016

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42	B. Tech. in Electronics and Communication Engineering	Telecommunication Systems	EC 504 C	2016
43	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming	EC 604A	2016
44	B. Tech. in Electronics and Communication Engineering	Advanced Microcontroller & Embedded System	EC 604B	2016
45	B. Tech. in Electronics and Communication Engineering	Optical Fiber Communication	EC 604C	2016
46	B. Tech. in Electronics and Communication Engineering	Engineering System Design & Analysis	EC 605A	2016
47	B. Tech. in Electronics and Communication Engineering	Material Science & Engineering	EC 605B	2016
48	B. Tech. in Electronics and Communication Engineering	Computer Communication & Networks	EC 605C	2016
49	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming Lab	EC 694A	2016
50	B. Tech. in Electronics and Communication Engineering	Advanced Microcontroller & Embedded System Lab	EC 694B	2016
51	B. Tech. in Electronics and Communication Engineering	Optical Fiber Communication Lab	EC 694C	2016
52	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming Lab	EC 694A	2016
53	B. Tech. in Electronics and Communication Engineering	Advanced Microcontroller & Embedded System Lab	EC 694B	2016
54	B. Tech. in Electronics and Communication Engineering	Optical Fiber Communication Lab	EC 694C	2016
55	B. Tech. in Electronics and Communication Engineering	Digital Image Processing	EC 703A	2016
56	B. Tech. in Electronics and Communication Engineering	Computer Organization & Architecture	EC 703B	2016
57	B. Tech. in Electronics and Communication Engineering	Data Base Management Systems	EC 703C	2016
58	B. Tech. in Electronics and Communication Engineering	Artificial Intelligence & Robotics	EC 704A	2016
59	B. Tech. in Electronics and Communication Engineering	Biomedical Electronics & Imaging	EC 704B	2016
60	B. Tech. in Electronics and Communication Engineering	Renewable Source & Applications	EC 704C	2016
61	B. Tech. in Electronics and Communication Engineering	Digital Image Processing Lab	EC 793A	2016
62	B. Tech. in Electronics and Communication Engineering	Computer Organization & Architecture Lab	EC 793B	2016

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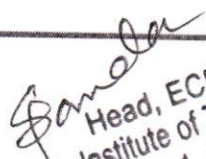| 63	B. Tech. in Electronics and Communication Engineering	Data Base Management Systems Lab	EC 793C	2016
64	B. Tech. in Electronics and Communication Engineering	Advanced Semiconductor Devices	EC 802A	2016
65	B. Tech. in Electronics and Communication Engineering	EMI & EMC	EC 802B	2016
66	B. Tech. in Electronics and Communication Engineering	Mobile Communication and Network	EC 802C	2016
67	B. Tech. in Electronics and Communication Engineering	Software Engineering	EC 803A	2016
68	B. Tech. in Electronics and Communication Engineering	Physical Design, Verification & Testing	EC 803B	2016
69	B. Tech. in Electronics and Communication Engineering	Soft Computing	EC 803C	2016
70	B. Tech. in Electronics and Communication Engineering	Computer Architecture	EC 504A	2015
71	B. Tech. in Electronics and Communication Engineering	Data structure & C	EC 504B	2015
72	B. Tech. in Electronics and Communication Engineering	Computer Architecture Lab	EC 594A	2015
73	B. Tech. in Electronics and Communication Engineering	Data structure & C Lab	EC 594B	2015
74	B. Tech. in Electronics and Communication Engineering	Antenna Theory & Propagation	EC 604A	2015
75	B. Tech. in Electronics and Communication Engineering	Information Theory & Coding	EC604B	2015
76	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming	EC 605A	2015
77	B. Tech. in Electronics and Communication Engineering	Programming Language	EC605B	2015
78	B. Tech. in Electronics and Communication Engineering	Electronic Measurement & Instrumentation	EC605C	2015
79	B. Tech. in Electronics and Communication Engineering	Object Oriented Programming Lab	EC 695A	2015
80	B. Tech. in Electronics and Communication Engineering	Programming Language Lab	EC695B	2015
81	B. Tech. in Electronics and Communication Engineering	Electronic Measurement & Instrumentation Lab	EC695C	2015
82	B. Tech. in Electronics and Communication Engineering	RF & Microwave Engg.	EC 703A	2015
83	B. Tech. in Electronics and Communication Engineering	Optical Communication & N/W	EC 703B	2015
84	B. Tech. in Electronics and Communication Engineering	Computer Networks	EC 703C	2015

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85	B. Tech. in Electronics and Communication Engineering	FPGA & Reconfigurable Computing	EC 703D	2015
86	B. Tech. in Electronics and Communication Engineering	Radar Engg	EC 704A	2015
87	B. Tech. in Electronics and Communication Engineering	Embedded Systems	EC 704B	2015
88	B. Tech. in Electronics and Communication Engineering	Biomedical Instrumentation	EC 704C	2015
89	B. Tech. in Electronics and Communication Engineering	Artificial Intelligence	EC 705A	2015
90	B. Tech. in Electronics and Communication Engineering	Robotics	EC 705B	2015
91	B. Tech. in Electronics and Communication Engineering	Data Base Management System	EC 705C	2015
92	B. Tech. in Electronics and Communication Engineering	Power Electronics	EC 705D	2015
93	B. Tech. in Electronics and Communication Engineering	RF & Microwave Engg. Lab	EC 793A	2015
94	B. Tech. in Electronics and Communication Engineering	Optical Communication & N/W Lab	EC 793B	2015
95	B. Tech. in Electronics and Communication Engineering	Computer Networks Lab	EC 793C	2015
96	B. Tech. in Electronics and Communication Engineering	FPGA & Reconfigurable Computing lab	EC 793D	2015
97	B. Tech. in Electronics and Communication Engineering	Artificial Intelligence Lab	EC 795A	2015
98	B. Tech. in Electronics and Communication Engineering	Robotics lab	EC 795B	2015
99	B. Tech. in Electronics and Communication Engineering	Data Base Management System Lab	EC 795C	2015
100	B. Tech. in Electronics and Communication Engineering	Power Electronics Lab	EC 795D	2015
101	B. Tech. in Electronics and Communication Engineering	Smart Antenna	EC 801A	2015
102	B. Tech. in Electronics and Communication Engineering	Digital Image Processing	EC 801B	2015
103	B. Tech. in Electronics and Communication Engineering	Satellite Communication & Remote Sensing	EC 801C	2015
104	B. Tech. in Electronics and Communication Engineering	Neural N/W & Applications	EC 802A	2015

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105	B. Tech. in Electronics and Communication Engineering	Material Sc. & Engg.	EC 802B	2015
106	B. Tech. in Electronics and Communication Engineering	Renewable Energy	EC 802C	2015
107	B. Tech. in Electronics and Communication Engineering	Audio & Speech Processing	EC 802D	2015

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3) List of Electives of B.TECH in Electronics and Instrumentation Engineering for the Assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	B. Tech. in Electronics and Instrumentation Engineering	Optoelectronics & Fibre Optic Sensors	EI 504A	2018
2	B. Tech. in Electronics and Instrumentation Engineering	Soft Computing	EI 504B	2018
3	B. Tech. in Electronics and Instrumentation Engineering	IoT based Instrumentation System	EI 504C	2018
4	B. Tech. in Electronics and Instrumentation Engineering	Bio Medical Instrumentation	EI 602 A	2018
5	B. Tech. in Electronics and Instrumentation Engineering	Advance Sensors	EI 602 B	2018
6	B. Tech. in Electronics and Instrumentation Engineering	Non Destructive Testing & Ultrasonic Instrumentation	EI 602 C	2018
7	B. Tech. in Electronics and Instrumentation Engineering	Analytical Instrumentation	EI 603 A	2018
8	B. Tech. in Electronics and Instrumentation Engineering	Non-Conventional Energy Sources	EI 603 B	2018
9	B. Tech. in Electronics and Instrumentation Engineering	Artificial Intelligence	EI 603 C	2018
10	B. Tech. in Electronics and Instrumentation Engineering	Power Electronics	EI 604 A	2018
11	B. Tech. in Electronics and Instrumentation Engineering	Industrial Drives	EI 604 B	2018
12	B. Tech. in Electronics and Instrumentation Engineering	Robotics Engineering	EI 604 C	2018
13	B. Tech. in Electronics and Instrumentation Engineering	Data Structures & Algorithms	EI 605 A	2018
14	B. Tech. in Electronics and Instrumentation Engineering	Database Management System	EI 605 B	2018
15	B. Tech. in Electronics and Instrumentation Engineering	Software Engineering	EI 605 C	2018
16	B. Tech. in Electronics and Instrumentation Engineering	Power Electronics Lab	EI 692 A	2018
17	B. Tech. in Electronics and Instrumentation Engineering	Industrial Drives Lab	EI 692 B	2018
18	B. Tech. in Electronics and Instrumentation Engineering	Robotics Engineering Lab	EI 692	2018
19	B. Tech. in Electronics and Instrumentation Engineering	Data Structures & Algorithms Lab	EI 693 A	2018

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20	B. Tech. in Electronics and Instrumentation Engineering	Database Management System Lab	EI 693 B	2018
21	B. Tech. in Electronics and Instrumentation Engineering	Software Engineering Lab	EI 693 C	2018
22	B. Tech. in Electronics and Instrumentation Engineering	Process Control-II	EI702A	2018
23	B. Tech. in Electronics and Instrumentation Engineering	Power Plant Instrumentation	EI702B	2018
24	B. Tech. in Electronics and Instrumentation Engineering	Plant Automation	EI702C	2018
25	B. Tech. in Electronics and Instrumentation Engineering	Computer Networking	EI 703A	2018
26	B. Tech. in Electronics and Instrumentation Engineering	Computer graphics and Multimedia	EI 703B	2018
27	B. Tech. in Electronics and Instrumentation Engineering	Object Oriented Programming	EI 703C	2018
28	B. Tech. in Electronics and Instrumentation Engineering	Computer Networking Lab	CS(EI)793A	2018
29	B. Tech. in Electronics and Instrumentation Engineering	Multimedia Lab	CS(EI) 793B	2018
30	B. Tech. in Electronics and Instrumentation Engineering	Object Oriented Programming Lab	CS(EI)793C	2018
31	B. Tech. in Electronics and Instrumentation Engineering	Virtual Instrumentation	EI801A	2018
32	B. Tech. in Electronics and Instrumentation Engineering	Embedded System Design	EI801B	2018
33	B. Tech. in Electronics and Instrumentation Engineering	Mechatronics	EI801C	2018
34	B. Tech. in Electronics and Instrumentation Engineering	Mobile Communication	EI 802A	2018
35	B. Tech. in Electronics and Instrumentation Engineering	VLSI & Microelectronics	EI802B	2018
36	B. Tech. in Electronics and Instrumentation Engineering	Quantum Computing	EI802C	2018
37	B. Tech. in Electronics and Instrumentation Engineering	Virtual Instrumentation Lab	EI 891A	2018
38	B. Tech. in Electronics and Instrumentation Engineering	Embedded System Design Lab	EI 891B	2018
39	B. Tech. in Electronics and Instrumentation Engineering	Mechatronics Lab	EI 891C	2018
40	B. Tech. in Electronics and Instrumentation Engineering	Digital Signal Processing	EI 504A	2016
41	B. Tech. in Electronics and Instrumentation Engineering	Microwave Engineering	EI 504B	2016

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42	B. Tech. in Electronics and Instrumentation Engineering	Antenna Theory & Propagation	EI 504C	2016
43	B. Tech. in Electronics and Instrumentation Engineering	Digital Signal Processing Lab	EI 594A	2016
44	B. Tech. in Electronics and Instrumentation Engineering	Microwave Engineering Lab	EI 594B	2016
45	B. Tech. in Electronics and Instrumentation Engineering	Antenna & Propagation Lab	EI 594C	2016
46	B. Tech. in Electronics and Instrumentation Engineering	Power Electronics	EI 603A	2016
47	B. Tech. in Electronics and Instrumentation Engineering	Industrial Drives	EI 603B	2016
48	B. Tech. in Electronics and Instrumentation Engineering	Advanced Sensors	EI 603C	2016
49	B. Tech. in Electronics and Instrumentation Engineering	Optoelectronics & Fibre Optic Sensors	EI604A	2016
50	B. Tech. in Electronics and Instrumentation Engineering	Soft Computing	EI 604B	2016
51	B. Tech. in Electronics and Instrumentation Engineering	Data Structures & Algorithms	CS(EI) 615A	2016
52	B. Tech. in Electronics and Instrumentation Engineering	Database Management System	CS(EI)615B	2016
53	B. Tech. in Electronics and Instrumentation Engineering	Software Engineering	CS (EI) 615C	2016
54	B. Tech. in Electronics and Instrumentation Engineering	Power Electronics Lab	EI 693A	2016
55	B. Tech. in Electronics and Instrumentation Engineering	Industrial Drives Lab	EI 693B	2016
56	B. Tech. in Electronics and Instrumentation Engineering	Advanced Sensors Lab	EI 693C	2016
57	B. Tech. in Electronics and Instrumentation Engineering	Data Structures & Algorithms Lab	CS(EI)685A	2016
58	B. Tech. in Electronics and Instrumentation Engineering	Database Management System Lab	CS(EI)685B	2016
59	B. Tech. in Electronics and Instrumentation Engineering	Software Engineering Lab	CS(EI)685C	2016
60	B. Tech. in Electronics and Instrumentation Engineering	Digital Image Processing	EI703A	2016
61	B. Tech. in Electronics and Instrumentation Engineering	Non-Conventional Energy Sources	EI703B	2016
62	B. Tech. in Electronics and Instrumentation Engineering	Analytical Instrumentation	EI703C	2016
63	B. Tech. in Electronics and Instrumentation Engineering	Computer Networking	CS(EI)714A	2016

64	B. Tech. in Electronics and Instrumentation Engineering	Computer graphics and Multimedia	CS(EI)714B	2016
65	B. Tech. in Electronics and Instrumentation Engineering	Object Oriented Programming	CS(EI)714C	2016
66	B. Tech. in Electronics and Instrumentation Engineering	Computer Networking Lab	CS(EI)784A	2016
67	B. Tech. in Electronics and Instrumentation Engineering	Computer graphics and Multimedia Lab	CS(EI)784B	2016
68	B. Tech. in Electronics and Instrumentation Engineering	Object Oriented Programming Lab	CS(EI)784C	2016
69	B. Tech. in Electronics and Instrumentation Engineering	Plant Automation	EI801A	2016
70	B. Tech. in Electronics and Instrumentation Engineering	Embedded System Design	EI801B	2016
71	B. Tech. in Electronics and Instrumentation Engineering	Virtual Instrumentation	EI801C	2016
72	B. Tech. in Electronics and Instrumentation Engineering	Mobile Communication	EC(EI) 802A	2016
73	B. Tech. in Electronics and Instrumentation Engineering	VLSI & Microelectronics	EC(EI)802B	2016
74	B. Tech. in Electronics and Instrumentation Engineering	Mechatronics	EC(EI)802C	2016
75	B. Tech. in Electronics and Instrumentation Engineering	Optoelectronics & Fibre Optics	EI 503A	2015
76	B. Tech. in Electronics and Instrumentation Engineering	Advanced Sensors	EI 503B	2015
77	B. Tech. in Electronics and Instrumentation Engineering	Data Structures & Algorithms(CS)	EI 504A	2015
78	B. Tech. in Electronics and Instrumentation Engineering	Data Base Management System(CS)	EI 504B	2015
79	B. Tech. in Electronics and Instrumentation Engineering	Software Engineering(IT)	EI 504C	2015
80	B. Tech. in Electronics and Instrumentation Engineering	Data Structures & Algorithms Lab(CS)	EI 594A	2015
81	B. Tech. in Electronics and Instrumentation Engineering	DBMS Lab(CS)	EI 594B	2015
82	B. Tech. in Electronics and Instrumentation Engineering	Software Engineering Lab(IT)	EI 594C	2015
83	B. Tech. in Electronics and Instrumentation Engineering	Bio Medical Instrumentation	EI 604A	2015
84	B. Tech. in Electronics and Instrumentation Engineering	Soft Computing	EI 604B	2015
85	B. Tech. in Electronics and Instrumentation Engineering	Non Destructive Testing & Ultrasonic	EI 604C	2015

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86	B. Tech. in Electronics and Instrumentation Engineering	Digital Signal Processing(EC)	EI 605A	2015
87	B. Tech. in Electronics and Instrumentation Engineering	Microwave Engineering(EC)	EI 605B	2015
88	B. Tech. in Electronics and Instrumentation Engineering	Antenna Theory & Propagation(EC)	EI 605C	2015
89	B. Tech. in Electronics and Instrumentation Engineering	Non Conventional Energy Sources	EI605D	2015
90	B. Tech. in Electronics and Instrumentation Engineering	Communication Theory	EI 704A	2015
91	B. Tech. in Electronics and Instrumentation Engineering	Microelectronics & VLSI Technology	EI 704B	2015
92	B. Tech. in Electronics and Instrumentation Engineering	FPGA & Reconfigurable Computing	EI 704C	2015
93	B. Tech. in Electronics and Instrumentation Engineering	Computer Networking	EI 705A(CS)	2015
94	B. Tech. in Electronics and Instrumentation Engineering	Multimedia	EI 705B(IT)	2015
95	B. Tech. in Electronics and Instrumentation Engineering	Internet Technology	EI 705C(IT)	2015
96	B. Tech. in Electronics and Instrumentation Engineering	Communication Lab	EI 794A	2015
97	B. Tech. in Electronics and Instrumentation Engineering	Microelectronics & VLSI Technology Lab	EI 794B	2015
98	B. Tech. in Electronics and Instrumentation Engineering	FPGA & Reconfigurable Computing Lab	EI 794C	2015
99	B. Tech. in Electronics and Instrumentation Engineering	Computer Networking Lab	EI 795A(CS)	2015
100	B. Tech. in Electronics and Instrumentation Engineering	Multimedia Lab	EI795B(IT)	2015
101	B. Tech. in Electronics and Instrumentation Engineering	Internet Technology Lab	EI 795C(IT)	2015
102	B. Tech. in Electronics and Instrumentation Engineering	Power Electronics	EI 801A	2015
103	B. Tech. in Electronics and Instrumentation Engineering	Industrial Drives	EI 801B	2015
104	B. Tech. in Electronics and Instrumentation Engineering	Power Plant Instrumentation	EI 801C	2015
105	B. Tech. in Electronics and Instrumentation Engineering	Mobile Communication	EI 802A(EC)	2015
106	B. Tech. in Electronics and Instrumentation Engineering	Embedded Systems	EI 802B(EC)	2015
107	B. Tech. in Electronics and Instrumentation Engineering	Digital Image Processing	EI 802C(EC)	2015

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108	B. Tech. in Electronics and Instrumentation Engineering	Plant Automation	EI 802D(CH)	2015
109	B. Tech. in Electronics and Instrumentation Engineering	Power Electronics Lab	EI 891A(EE)	2015
110	B. Tech. in Electronics and Instrumentation Engineering	Industrial Drives Lab	EI 891B(EE)	2015
111	B. Tech. in Electronics and Instrumentation Engineering	Power Plant Instrumentation Lab	EI 891C(EE)	2015

4) List of Electives of B.TECH in Electrical Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	B.Tech in Electrical Engineering	Data Structure	EE-504A	2018
2	B.Tech in Electrical Engineering	Computer Network	EE-504B	2018
3	B.Tech in Electrical Engineering	Internet of Things	EE-504C	2018
4	B.Tech in Electrical Engineering	Electrical Energy Conservation and Auditing	EE-505A	2018
5	B.Tech in Electrical Engineering	Electromagnetic Waves	EE-505B	2018
6	B.Tech in Electrical Engineering	Illumination Engineering	EE-505C	2018
7	B.Tech in Electrical Engineering	Power Plant Engineering	EE-505D	2018
8	B.Tech in Electrical Engineering	Data Structure Laboratory	EE-594A	2018
9	B.Tech in Electrical Engineering	Computer Network Laboratory	EE-594B	2018
10	B.Tech in Electrical Engineering	Internet of Things Laboratory	EE-594C	2018
11	B.Tech in Electrical Engineering	Data Base Management System	EE-604A	2018
12	B.Tech in Electrical Engineering	Embedded Systems	EE-604B	2018
13	B.Tech in Electrical Engineering	Software Engineering	EE-604C	2018
14	B.Tech in Electrical Engineering	Digital Signal Processing	EE-605A	2018
15	B.Tech in Electrical Engineering	High Voltage Engineering	EE-605B	2018
16	B.Tech in Electrical Engineering	Computer Architecture	EE-605C	2018
17	B.Tech in Electrical Engineering	Data Base Management System Laboratory	EE-694A	2018
18	B.Tech in Electrical Engineering	Embedded Systems Laboratory	EE-694B	2018
19	B.Tech in Electrical Engineering	Software Engineering Laboratory	EE-694C	2018
20	B.Tech in Electrical Engineering	Object Oriented Programming using JAVA	EE-702A	2018
21	B.Tech in Electrical Engineering	Big Data Analysis	EE-702B	2018
22	B.Tech in Electrical Engineering	Digital Image Processing	EE-702C	2018
23	B.Tech in Electrical Engineering	Power System – III	EE-703A	2018
24	B.Tech in Electrical Engineering	Restructured Electrical Power System	EE-703B	2018
25	B.Tech in Electrical Engineering	Computer Applications in Power System	EE-703C	2018
26	B.Tech in Electrical Engineering	Power System Dynamics and Control	EE-704A	2018
27	B.Tech in Electrical Engineering	Power Quality and FACTS	EE-704B	2018
28	B.Tech in Electrical Engineering	HVDC Transmission Systems	EE-704C	2018
29	B.Tech in Electrical Engineering	Object Oriented Programming Laboratory	EE-792A	2018
30	B.Tech in Electrical Engineering	Big Data Analysis Laboratory	EE-792B	2018
31	B.Tech in Electrical Engineering	Digital Image Processing Laboratory	EE-792C	2018
32	B.Tech in Electrical Engineering	Wind and Solar Energy Systems	EE-801A	2018
33	B.Tech in Electrical Engineering	Utilization of Electric Power	EE-801B	2018
34	B.Tech in Electrical Engineering	Line Commutated and Active Rectifiers	EE-801C	2018

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35	B.Tech in Electrical Engineering	Advanced Electric Drives	EE-802A	2018
36	B.Tech in Electrical Engineering	Control Systems Design	EE-802B	2018
37	B.Tech in Electrical Engineering	Industrial Electrical System	EE-802C	2018
38	B.Tech in Electrical Engineering	Non-conventional Energy Sources and Applications	EE 605A	2016
39	B.Tech in Electrical Engineering	Computational Intelligence	EE 605B	2016
40	B.Tech in Electrical Engineering	Introduction to Robotics	EE 605C	2016
41	B.Tech in Electrical Engineering	Mechatronics	EE 605D	2016
42	B.Tech in Electrical Engineering	Introduction to Programming in JAVA	CS(EE) 606A	2016
43	B.Tech in Electrical Engineering	Object Oriented Programming using C++	CS(EE) 606B	2016
44	B.Tech in Electrical Engineering	Computer Architecture and Operating Systems Lab	CS(EE) 606C	2016
45	B.Tech in Electrical Engineering	Software Engineering	CS(EE) 606D	2016
46	B.Tech in Electrical Engineering	Introduction to Programming in JAVA Lab	CS(EE) 696A	2016
47	B.Tech in Electrical Engineering	Object Oriented Programming using C++ Laboratory	CS(EE) 696B	2016
48	B.Tech in Electrical Engineering	Computer Architecture and Operating Systems Lab	CS(EE) 696C	2016
49	B.Tech in Electrical Engineering	Software Engineering Lab	CS(EE) 696D	2016
50	B.Tech in Electrical Engineering	Utilization of Electric Power	EE-702A	2016
51	B.Tech in Electrical Engineering	Advanced Power Electronics	EE-702B	2016
52	B.Tech in Electrical Engineering	Illumination Engineering	EE-702C	2016
53	B.Tech in Electrical Engineering	Advanced Power Systems	EE-703A	2016
54	B.Tech in Electrical Engineering	Power generation and economics	EE-703B	2016
55	B.Tech in Electrical Engineering	High voltage Engineering	EE-703C	2016
56	B.Tech in Electrical Engineering	Advanced Electrical Measurement and Instrumentation	EE-703D	2016
57	B.Tech in Electrical Engineering	AI & Soft Computing	CS(EE)-705A	2016
58	B.Tech in Electrical Engineering	Digital Image Processing	CS(EE)-705B	2016
59	B.Tech in Electrical Engineering	Computer Network	CS(EE)-705C	2016
60	B.Tech in Electrical Engineering	Data Base Management System	CS(EE)-705D	2016
61	B.Tech in Electrical Engineering	AI & Soft Computing Lab	CS(EE)-795A	2016
62	B.Tech in Electrical Engineering	Digital Image Processing Lab	CS(EE)-795B	2016
63	B.Tech in Electrical Engineering	Computer Networking Lab	CS(EE)-795C	2016
64	B.Tech in Electrical Engineering	Data Base Management System Lab	CS(EE)-795D	2016
65	B.Tech in Electrical Engineering	HVDC transmission	EE-801A	2016
66	B.Tech in Electrical Engineering	Energy management & audit	EE-801B	2016
67	B.Tech in Electrical Engineering	Power plant Engineering	EE-801C	2016
68	B.Tech in Electrical Engineering	Sensors & Transducers	EE-802A	2016
69	B.Tech in Electrical Engineering	Process Control and Instrumentation	EE-802B	2016
70	B.Tech in Electrical Engineering	Electronic Instrumentation and Control	EE-802C	2016
71	B.Tech in Electrical Engineering	Data structure & algorithm	EE-504A	2015
72	B.Tech in Electrical Engineering	Computer Organization	EE-504B	2015

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73	B.Tech in Electrical Engineering	Micro Processor & Micro controller	EE-504C	2015
74	B.Tech in Electrical Engineering	Data structure & algorithm Lab	EE-594A	2015
75	B.Tech in Electrical Engineering	Computer Organization Lab	EE-594B	2015
76	B.Tech in Electrical Engineering	Micro Processor & Microcontroller Lab	EE-594C	2015
77	B.Tech in Electrical Engineering	Software Engineering	EE-604A	2015
78	B.Tech in Electrical Engineering	Data Base Management System	EE-604B	2015
79	B.Tech in Electrical Engineering	Object Oriented Programming	EE-604C	2015
80	B.Tech in Electrical Engineering	Embedded Systems	EE-604D	2015
81	B.Tech in Electrical Engineering	Digital Signal Processing	EE-605A	2015
82	B.Tech in Electrical Engineering	Communication Engineering.	EE-605B	2015
83	B.Tech in Electrical Engineering	VLSI & Microelectronics	EE-605C	2015
84	B.Tech in Electrical Engineering	Software Engineering Lab	EE-694A	2015
85	B.Tech in Electrical Engineering	Data Base Management System Lab	EE-694B	2015
86	B.Tech in Electrical Engineering	Object Oriented Programming Lab	EE-694C	2015
87	B.Tech in Electrical Engineering	Embedded Systems Lab	EE-694D	2015
88	B.Tech in Electrical Engineering	Power system-III	EE-703A	2015
89	B.Tech in Electrical Engineering	Control system-III	EE-703B	2015
90	B.Tech in Electrical Engineering	Electric Machine-III	EE-703C	2015
91	B.Tech in Electrical Engineering	High voltage Engineering	EE-704A	2015
92	B.Tech in Electrical Engineering	Power Plant Engineering	EE-704B	2015
93	B.Tech in Electrical Engineering	Power generation and economics	EE-704C	2015
94	B.Tech in Electrical Engineering	Renewable & Non conventional Energy	EE-704D	2015
95	B.Tech in Electrical Engineering	Computer Network	EE-705A	2015
96	B.Tech in Electrical Engineering	AI & Soft Computing	EE-705B	2015
97	B.Tech in Electrical Engineering	Digital Communication	EE-705C	2015
98	B.Tech in Electrical Engineering	Digital Image Processing	EE-705D	2015
99	B.Tech in Electrical Engineering	Computer Network Lab	EE-792A	2015
100	B.Tech in Electrical Engineering	AI & Soft Computing Lab	EE-792B	2015
101	B.Tech in Electrical Engineering	Digital Communication Lab	EE-792C	2015
102	B.Tech in Electrical Engineering	Digital Image Processing Lab	EE-792D	2015
103	B.Tech in Electrical Engineering	Organizational Behaviour	HU-801A	2015
104	B.Tech in Electrical Engineering	HVDC transmission	EE-801A	2015
105	B.Tech in Electrical Engineering	Illumination Engineering	EE-801B	2015
106	B.Tech in Electrical Engineering	Energy management & audit	EE-801C	2015
107	B.Tech in Electrical Engineering	Digital Speech Signal Processing	EE-801D	2015
108	B.Tech in Electrical Engineering	Power plant instrumentation & Control	EE-802A	2015
109	B.Tech in Electrical Engineering	Sensors & Transducers	EE-802B	2015
110	B.Tech in Electrical Engineering	Biomedical Instrumentation	EE-802C	2015
111	B.Tech in Electrical Engineering	Process control	EE-802D	2015

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5) List of Electives of B.TECH in Mechanical Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	B.Tech in Mechanical Engineering	Composite Materials	ME 505A	2018
2	B.Tech in Mechanical Engineering	Solid Mechanics	ME 505B	2018
3.	B.Tech in Mechanical Engineering	Computer Aided Design	ME 505C	2018
4	B.Tech in Mechanical Engineering	Power Plant Engineering	ME 602A	2018
5	B.Tech in Mechanical Engineering	Fluid Power control	ME 602B	2018
6	B.Tech in Mechanical Engineering	Total Quality Management	ME 602C	2018
7	B.Tech in Mechanical Engineering	Electrical Machines	ME 603A	2018
8	B.Tech in Mechanical Engineering	Data Base Management System	ME 603B	2018
9	B.Tech in Mechanical Engineering	Internet Of Things	ME 603C	2018
10	B.Tech in Mechanical Engineering	Mechatronics Systems	ME 604A	2018
11	B.Tech in Mechanical Engineering	Computational Fluid Dynamics	ME 604B	2018
12	B.Tech in Mechanical Engineering	Finite Element Analysis	ME 604C	2018
13	B.Tech in Mechanical Engineering	Mechatronics Systems Lab	ME692A	2018
14	B.Tech in Mechanical Engineering	Computational Fluid Dynamics Lab	ME692B	2018
15	B.Tech in Mechanical Engineering	Finite Element Analysis Lab	ME692C	2018
16	B.Tech in Mechanical Engineering	Materials Handling	ME 702A	2018
17	B.Tech in Mechanical Engineering	Design Of Transmission System	ME 702B	2018
18	B.Tech in Mechanical Engineering	Nuclear Power Generation & Supply	ME 702C	2018

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19	B.Tech in Mechanical Engineering	Renewable Energy System	ME 703A	2018
20	B.Tech in Mechanical Engineering	Tribology	ME 703B	2018
21	B.Tech in Mechanical Engineering	Reliability & Maintenance	ME 703C	2018
22	B.Tech in Mechanical Engineering	Operation Research	ME 704A	2018
23	B.Tech in Mechanical Engineering	Robotics	ME 704B	2018
24	B.Tech in Mechanical Engineering	Biomechanics & Biomaterials	ME 704C	2018
25	B.Tech in Mechanical Engineering	Automobile Engineering	ME 801A	2018
26	B.Tech in Mechanical Engineering	Turbomachinery	ME 801B	2018
27	B.Tech in Mechanical Engineering	Gas Dynamics & Jet Propulsion	ME 801C	2018
28	B.Tech in Mechanical Engineering	3D Printing and Design	ME 802A	2018
29	B.Tech in Mechanical Engineering	Nanotechnology	ME 802B	2018
30	B.Tech in Mechanical Engineering	Industrial Instrumentation	ME 802C	2018
31	B.Tech in Mechanical Engineering	Artificial Intelligence	ME 803A	2018
32	B.Tech in Mechanical Engineering	Safety & Occupational Health	ME 803B	2018
33	B.Tech in Mechanical Engineering	Microprocessor in Automation	ME 803C	2018
34	B.Tech in Mechanical Engineering	Refrigeration & Air Conditioning	ME 505A	2016
35	B.Tech in Mechanical Engineering	Mechatronics	ME 505B	2016
36	B.Tech in Mechanical Engineering	Applied Fluid Mechanics	ME 505C	2016
37	B.Tech in Mechanical Engineering	Refrigeration & Air Conditioning Lab	ME 594A	2016
38	B.Tech in Mechanical Engineering	Mechatronics Lab	ME 594B	2016
39	B.Tech in Mechanical Engineering	Applied Fluid Mechanics Lab	ME 594C	2016
40	B.Tech in Mechanical Engineering	Robotics: Mechanics and Control	ME 604A	2016

41	B.Tech in Mechanical Engineering	Composite Materials	ME 604B	2016
42	B.Tech in Mechanical Engineering	Fluid Power Control	ME 604C	2016
43	B.Tech in Mechanical Engineering	Renewable Energy Syatems	ME605A	2016
44	B.Tech in Mechanical Engineering	Compuitional Fluid Dynamics	ME 605B	2016
45	B.Tech in Mechanical Engineering	Gas Dynamics and Jet Propulsion	ME 605C	2016
46	B.Tech in Mechanical Engineering	Robotics Lab	ME694A	2016
47	B.Tech in Mechanical Engineering	Composite Materials	ME 694B	2016
48˙	B.Tech in Mechanical Engineering	Fluid Power Control	ME 694C	2016
49	B.Tech in Mechanical Engineering	Advanced Welding Technology	ME 703 A	2016
50	B.Tech in Mechanical Engineering	Biomechanics & Biomaterials	ME 703 B	2016
51	B.Tech in Mechanical Engineering	Finite Element Method	ME 703 C	2016
52	B.Tech in Mechanical Engineering	Tribology	ME 704 A	2016
53	B.Tech in Mechanical Engineering	Operations Research	ME 704 B	2016
54	B.Tech in Mechanical Engineering	Materials Handling	ME 704 C	2016
55	B.Tech in Mechanical Engineering	Energy Conservation & Management	ME 705 A	2016
56	B.Tech in Mechanical Engineering	Quality & Reliability Engineering	ME 705 B	2016
57	B.Tech in Mechanical Engineering	Hydro, Wind And Wave Power	ME 705 C	2016
58	B.Tech in Mechanical Engineering	Advanced Welding Lab	ME 793 A	2016
59	B.Tech in Mechanical Engineering	Biomechanics & Biomaterials Lab	ME 793 B	2016
60	B.Tech in Mechanical Engineering	Finite Element Method Lab	ME 793 C	2016
61	B.Tech in Mechanical Engineering	Automobile Engineering	ME 802A	2016
62	B.Tech in Mechanical Engineering	CAD/CAM	ME 802B	2016

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63	B.Tech in Mechanical Engineering	Automation & Control	ME 802C	2016
64	B.Tech in Mechanical Engineering	Turbo Machinery	ME 803A	2016
65	B.Tech in Mechanical Engineering	Maintenance Engineering	ME 803B	2016
66	B.Tech in Mechanical Engineering	Numerical Heat Transfer	ME 803C	2016
67	B.Tech in Mechanical Engineering	Safety & Occupational Health	ME 804A	2016
68	B.Tech in Mechanical Engineering	Nuclear Power Generation And Supply	ME 804B	2016
69	B.Tech in Mechanical Engineering	Fracture Mechanics	ME 804C	2016
70	B.Tech in Mechanical Engineering	Computational Heat Transfer	ME 802	2015
71	B.Tech in Mechanical Engineering	Combustion Engineering	ME 803	2015
72	B.Tech in Mechanical Engineering	Reliability Engineering & Plant Maintenance	ME 804	2015
73	B.Tech in Mechanical Engineering	Tribology and Terotechnology	ME 805	2015
74	B.Tech in Mechanical Engineering	Non-conventional Energy Sources	ME 806	2015
75	B.Tech in Mechanical Engineering	Finite Element Method and its Application	ME 807	2015
76	B.Tech in Mechanical Engineering	Experimental Stress Analysis	ME 808	2015
77	B.Tech in Mechanical Engineering	Automotive Engineering	ME 811	2015
78	B.Tech in Mechanical Engineering	Robotics and Robot Applications	ME 812	2015
79	B.Tech in Mechanical Engineering	Management Information Systems	ME 813	2015
80	B.Tech in Mechanical Engineering	Energy Management & Auditing	ME 814	2015
81	B.Tech in Mechanical Engineering	Refrigeration and Airconditioning	ME 815	2015
82	B.Tech in Mechanical Engineering	Optoelectronics and Laser Material Processing	ME 816	2015
83	B.Tech in Mechanical Engineering	Gas Turbine Theory	ME 817	2015
84	B.Tech in Mechanical Engineering	Computer Integrated Manufacturing	PE 807	2015

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85	B.Tech in Mechanical Engineering	Information Technology	IT 806	2015
86	B.Tech in Mechanical Engineering	Total Quality Management	ME 821	2015
87	B.Tech in Mechanical Engineering	Mechanics of Composite Materials	ME 822	2015
88	B.Tech in Mechanical Engineering	Fracture Mechanics	ME 823	2015
89	B.Tech in Mechanical Engineering	Advanced Sensors for Engineering Applications & NDT	ME 824	2015
90	B.Tech in Mechanical Engineering	Entrepreneurship and E-business	IT 816	2015
91	B.Tech in Mechanical Engineering	Computer Networking and Web Based Technology	CS 815	2015

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6) List of Electives of B.TECH in Information Technology for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	B. Tech in Information Technology	Programming Practice with C++	IT 504A	2018
2	B. Tech in Information Technology	Artificial Intelligence and Expert System	IT 504B	2018
3	B. Tech in Information Technology	Microprocessor and Microcontroller	IT 504C	2018
4	B. Tech in Information Technology	Programming Practice with C++ Lab	IT 594A	2018
5	B. Tech in Information Technology	Artificial Intelligence and Expert System Lab	IT 594B	2018
6	B. Tech in Information Technology	Microprocessor and Microcontroller Lab	IT 594C	2018
7	B. Tech in Information Technology	E-Commerce and ERP	IT 604A	2018
8	B. Tech in Information Technology	Digital Image Processing	IT 604B	2018
9	B. Tech in Information Technology	Soft Computing	IT 604C	2018
10	B. Tech in Information Technology	E-Commerce and ERP Lab	IT 694A	2018
11	B. Tech in Information Technology	Digital Image Processing Lab	IT 694B	2018
12	B. Tech in Information Technology	Soft Computing Lab	IT 694C	2018
13	B. Tech in Information Technology	Cloud Computing	IT 701A	2018
14	B. Tech in Information Technology	Computer Graphics and Multimedia	IT 701B	2018
15	B. Tech in Information Technology	Distributed System	IT 701C	2018
16	B. Tech in Information Technology	Machine Learning	IT 701D	2018
17	B. Tech in Information Technology	Cryptography and Network Security	IT 702A	2018
18	B. Tech in Information Technology	Data Warehousing and Data Mining	IT 702B	2018

19	B. Tech in Information Technology	Advanced Computer Architecture	IT 702C	2018
20	B. Tech in Information Technology	Compiler Design	IT 702D	2018
21	B. Tech in Information Technology	Sensor Network	IT 703A	2018
22	B. Tech in Information Technology	Pattern Recognition	IT 703B	2018
23	B. Tech in Information Technology	Internet Technology	IT 703C	2018
24	B. Tech in Information Technology	Robotics	IT 703D	2018
25	B. Tech in Information Technology	Modeling and Simulation	IT 704A	2018
26	B. Tech in Information Technology	Microelectronics and VLSI Design	IT 704B	2018
27	B. Tech in Information Technology	Mobile Communication	IT 704C	2018
28	B. Tech in Information Technology	Operations Research	IT 704D	2018
29	B. Tech in Information Technology	Cloud Computing Lab	IT 791A	2018
30	B. Tech in Information Technology	Computer Graphics and Multimedia Lab	IT 791B	2018
31	B. Tech in Information Technology	Distributed System Lab	IT 791C	2018
32	B. Tech in Information Technology	Machine Learning using R Programming Lab	IT 791D	2018
33	B. Tech in Information Technology	Block Chain	IT 801A	2018
34	B. Tech in Information Technology	Big Data Analytics	IT 801B	2018
35	B. Tech in Information Technology	Virtual Reality	IT 801C	2018
36	B. Tech in Information Technology	Natural Language Processing	IT 801D	2018
37	B. Tech in Information Technology	Bio-Informatics	IT 802A	2018
38	B. Tech in Information Technology	Embedded System	IT 802B	2018
39	B. Tech in Information Technology	Internet of Things (IoT)	IT 802C	2018

40	B. Tech in Information Technology	Deep Learning	IT 802D	2018
41	B. Tech in Information Technology	Data Sciences	IT 803A	2018
42	B. Tech in Information Technology	Cyber Law and IPR	IT 803B	2018
43	B. Tech in Information Technology	Cluster and Grid Computing	IT 803C	2018
44	B. Tech in Information Technology	Entrepreneurship Development	IT 803D	2018
45	B. Tech in Information Technology	Programming Practice with C++	IT 504A	2016
46	B. Tech in Information Technology	Artificial Intelligence	IT 504B	2016
47	B. Tech in Information Technology	Operations Research	IT 504C	2016
48	B. Tech in Information Technology	Programming Practice With C++ Lab	IT 594A	2016
49	B. Tech in Information Technology	Artificial Intelligence Lab	IT 594B	2016
50	B. Tech in Information Technology	Operations Research Lab	IT 594C	2016
51	B. Tech in Information Technology	ERP	IT 604A	2016
52	B. Tech in Information Technology	Information & Coding Theory	IT 604B	2016
53	B. Tech in Information Technology	Microprocessor & Microcontroller	IT 604C	2016
54	B. Tech in Information Technology	Digital Image Processing	IT 604D	2016
55	B. Tech in Information Technology	Digital Signal Processing	IT 605A	2016
56	B. Tech in Information Technology	Compiler Design	IT 605B	2016
57	B. Tech in Information Technology	Green Computing	IT 605C	2016
58	B. Tech in Information Technology	Soft Computing	IT 605D	2016
59	B. Tech in Information Technology	Project Management	IT 605E	2016
60	B. Tech in Information Technology	Human Resource Management	IT 605F	2016

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61	B. Tech in Information Technology	Computer Graphics And Multimedia	IT 702A	2016
62	B. Tech in Information Technology	Pattern Recognition	IT 702B	2016
63	B. Tech in Information Technology	Internet Technology	IT 702C	2016
64	B. Tech in Information Technology	Cloud Computing	IT 703A	2016
65	B. Tech in Information Technology	Distributed Systems	IT 703B	2016
66	B. Tech in Information Technology	Data Warehousing And Data Mining	IT 703C	2016
67	B. Tech in Information Technology	Modelling And Simulation	IT 704A	2016
68	B. Tech in Information Technology	Control System	EE(IT) 704B	2016
69	B. Tech in Information Technology	Microelectronics And VLSI Design	ECE(IT) 704C	2016
70	B. Tech in Information Technology	Mobile Communication	IT 704D	2016
71	B. Tech in Information Technology	Computer Graphics And Multimedia Lab	IT 792A	2016
72	B. Tech in Information Technology	Pattern Recognition Lab	IT 792B	2016
73	B. Tech in Information Technology	Internet Technology Lab	IT 792C	2016
74	B. Tech in Information Technology	Advanced Computer Architecture	IT 801A	2016
75	B. Tech in Information Technology	Cryptography And Network Security	IT 801B	2016
76	B. Tech in Information Technology	Natural Language Processing	IT 801C	2016
77	B. Tech in Information Technology	Bio-Informatics	IT 801D	2016
78	B. Tech in Information Technology	Business Analytics	IT 802A	2016
79	B. Tech in Information Technology	Cyber Law And Security Policy	IT 802B	2016
80	B. Tech in Information Technology	Advanced DBMS	IT 802C	2016
81	B. Tech in Information Technology	Internet of Things	IT 802D	2016

82	B. Tech in Information Technology	Circuit Theory & Network	IT 504A	2015
83	B. Tech in Information Technology	Data Communication	IT 504B	2015
84	B. Tech in Information Technology	Digital Signal Processing	IT 504C	2015
85	B. Tech in Information Technology	Operation Research	IT 504D	2015
86	B. Tech in Information Technology	Microprocessors & Microcontrollers	IT 504E	2015
87	B. Tech in Information Technology	Programming Practices using C++	IT 504F	2015
88	B. Tech in Information Technology	Circuit Theory & Network Lab	IT 594A	2015
89	B. Tech in Information Technology	Data Communication Lab	IT 594B	2015
90	B. Tech in Information Technology	Digital Signal Processing Lab	IT 594C	2015
91	B. Tech in Information Technology	Operation Research Lab	IT 594D	2015
92	B. Tech in Information Technology	Microprocessors & Microcontrollers Lab	IT 594E	2015
93	B. Tech in Information Technology	Programming Practices using C++ Lab	IT 594F	2015
94	B. Tech in Information Technology	Information Theory & Coding	IT 604A	2015
95	B. Tech in Information Technology	Computer Graphics	IT 604B	2015
96	B. Tech in Information Technology	Pattern Recognition	IT 604C	2015
97	B. Tech in Information Technology	ERP	IT 604D	2015
98	B. Tech in Information Technology	Discrete Mathematics	IT 605A	2015
99	B. Tech in Information Technology	Human Resource Management	IT 605B	2015
100	B. Tech in Information Technology	Compiler Design	IT 605C	2015
101	B. Tech in Information Technology	Artificial Intelligence	IT 605D	2015
102	B. Tech in Information Technology	E-Commerce	IT 703A	2015

103	B. Tech in Information Technology	Soft Computing	IT 703B	2015
104	B. Tech in Information Technology	Image Processing	IT 703C	2015
105	B. Tech in Information Technology	Distributed Operating System	IT 704A	2015
106	B. Tech in Information Technology	Cloud Computing	IT 704B	2015
107	B. Tech in Information Technology	Data Warehousing & Data Mining	IT 704C	2015
108	B. Tech in Information Technology	Sensor Networks	IT 704D	2015
109	B. Tech in Information Technology	Mobile Computing	IT 704E	2015
110	B. Tech in Information Technology	Bio Informatics	IT 705A	2015
111	B. Tech in Information Technology	Control System	IT 705B	2015
112	B. Tech in Information Technology	Modelling & Simulation	IT 705C	2015
113	B. Tech in Information Technology	Microelectronics & VLSI Design	IT 705D	2015
114	B. Tech in Information Technology	Advanced Data Communication & Coding	IT 705E	2015
115	B. Tech in Information Technology	E-Commerce Lab	IT 793A	2015
116	B. Tech in Information Technology	Soft Computing Lab	IT 793B	2015
117	B. Tech in Information Technology	Image Processing Lab	IT 793C	2015
118	B. Tech in Information Technology	Advanced Computer Architecture	IT 801A	2015
119	B. Tech in Information Technology	Parallel Computing	IT 801B	2015
120	B. Tech in Information Technology	Natural Language Processing	IT 801C	2015
121	B. Tech in Information Technology	Cryptography & Network Security	IT 801D	2015
122	B. Tech in Information Technology	Technology Management	IT 802A	2015
123	B. Tech in Information Technology	Cyber Law & Security Policy	IT 802B	2015
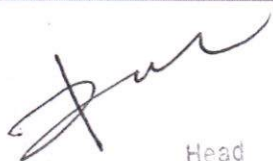
124	B. Tech in Information Technology	Optical Networking	IT 802C	2015
125	B. Tech in Information Technology	Low Power Circuits & Systems	IT 802D	2015
126	B. Tech in Information Technology	Business Analytics	IT 802E	2015
127	B. Tech in Information Technology	Robotics	IT 802F	2015

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7) List of Electives of B.TECH in Computer Science and Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	B. Tech. in Computer Science and Engineering	Object Oriented Programming using Java	CS(IT)504A	2018
2	B. Tech. in Computer Science and Engineering	Multimedia Technology	CS(IT)504B	2018
3	B. Tech. in Computer Science and Engineering	Communication Engineering	CS(ECE)504C	2018
4	B. Tech. in Computer Science and Engineering	Operations Research	CS505A	2018
5	B. Tech. in Computer Science and Engineering	Computational Geometry	CS505B	2018
6	B. Tech. in Computer Science and Engineering	Distributed Algorithms	CS505C	2018
7	B. Tech. in Computer Science and Engineering	Object Oriented Programming Lab	CS594A	2018
8	B. Tech. in Computer Science and Engineering	Multimedia Technology Lab	CS594B	2018
9	B. Tech. in Computer Science and Engineering	Communication Engineering Lab	CS594C	2018
10	B. Tech. in Computer Science and Engineering	Compiler Design	CS604A	2018
11	B. Tech. in Computer Science and Engineering	Computer Vision	CS604B	2018
12	B. Tech. in Computer Science and Engineering	Simulation and modeling	CS604C	2018
13	B. Tech. in Computer Science and Engineering	Pattern Recognition	CS605A	2018
14	B. Tech. in Computer Science and Engineering	Distributed Operating System	CS605B	2018
15	B. Tech. in Computer Science and Engineering	Distributed Database	CS605C	2018
16	B. Tech. in Computer Science and Engineering	Data Warehousing and Data Mining	CS606A	2018
17	B. Tech. in Computer Science and Engineering	Digital Image Processing	CS606B	2018
18	B. Tech. in Computer Science and Engineering	E-commerce and ERP	CS606C	2018

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19	B. Tech. in Computer Science and Engineering	Artificial Intelligence	CS701A	2018
20	B. Tech. in Computer Science and Engineering	Robotics	CS701B	2018
21	B. Tech. in Computer Science and Engineering	Data Analytics	CS701C	2018
22	B. Tech. in Computer Science and Engineering	Soft Computing	CS702A	2018
23	B. Tech. in Computer Science and Engineering	Natural Language Processing	CS702B	2018
24	B. Tech. in Computer Science and Engineering	Web technology	CS702C	2018
25	B. Tech. in Computer Science and Engineering	Cloud Computing	CS703A	2018
26	B. Tech. in Computer Science and Engineering	Cryptography and Network Security	CS703C	2018
27	B. Tech. in Computer Science and Engineering	Sensor Network and IOT	CS703B	2018
28	B. Tech. in Computer Science and Engineering	Artificial Intelligence Lab	CS791A	2018
29	B. Tech. in Computer Science and Engineering	Robotics Lab	CS791B	2018
30	B. Tech. in Computer Science and Engineering	Data Analytics Lab	CS791C	2018
31	B. Tech. in Computer Science and Engineering	Soft Computing Lab	CS792A	2018
32	B. Tech. in Computer Science and Engineering	Natural Language Processing Lab	CS792B	2018
33	B. Tech. in Computer Science and Engineering	Web Technology Lab	CS792C	2018
34	B. Tech. in Computer Science and Engineering	Mobile Computing	CS801A	2018
35	B. Tech. in Computer Science and Engineering	Bio-informatics	CS801B	2018
36	B. Tech. in Computer Science and Engineering	Cyber Law and Security Policy	CS801C	2018
37	B. Tech. in Computer Science and Engineering	VLSI Design	CS801D	2018
38	B. Tech. in Computer Science and Engineering	Parallel Computing	CS802A	2018
39	B. Tech. in Computer Science and Engineering	Machine Learning	CS802B	2018

40	B. Tech. in Computer Science and Engineering	Real Time Embedded System	CS802C	2018
41	B. Tech. in Computer Science and Engineering	Advanced Computer Architecture	CS802D	2018
42	B. Tech. in Computer Science and Engineering	Object Oriented Programming using Java	CS(IT)504A	2016
43	B. Tech. in Computer Science and Engineering	Multimedia Technology	CS(IT)504B	2016
44	B. Tech. in Computer Science and Engineering	Communication Engineering	CS(ECE)504C	2016
45	B. Tech. in Computer Science and Engineering	Operations Research	CS505A	2016
46	B. Tech. in Computer Science and Engineering	Computational Geometry	CS505B	2016
47	B. Tech. in Computer Science and Engineering	Digital Signal Processing	CS505C	2016
48	B. Tech. in Computer Science and Engineering	Object Oriented Programming Lab	CS(IT)594A	2016
49	B. Tech. in Computer Science and Engineering	Multimedia Technology Lab	CS(IT)594B	2016
50	B. Tech. in Computer Science and Engineering	Communication Engineering Lab	CS(IT)594C	2016
51	B. Tech. in Computer Science and Engineering	Compiler Design	CS604A	2016
52	B. Tech. in Computer Science and Engineering	Robotics	CS604B	2016
53	B. Tech. in Computer Science and Engineering	Simulation and modeling	CS604C	2016
54	B. Tech. in Computer Science and Engineering	Pattern Recognition	IT(CSE)605A	2016
55	B. Tech. in Computer Science and Engineering	Distributed Operating System	IT(CSE)605B	2016
56	B. Tech. in Computer Science and Engineering	Distributed Database	IT(CSE)605C	2016
57	B. Tech. in Computer Science and Engineering	Computer Vision	IT(CSE)605D	2016
58	B. Tech. in Computer Science and Engineering	Data Warehousing and Data Mining	IT(CSE)606A	2016
59	B. Tech. in Computer Science and Engineering	Digital Image Processing	IT(CSE)606B	2016
60	B. Tech. in Computer Science and Engineering	E-commerce and ERP	IT(CSE)606C	2016

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61	B. Tech. in Computer Science and Engineering	Soft Computing	CS702A	2016
62	B. Tech. in Computer Science and Engineering	Natural Language Processing	CS702B	2016
63	B. Tech. in Computer Science and Engineering	Web technology	CS702C	2016
64	B. Tech. in Computer Science and Engineering	Cloud Computing	CS703A	2016
65	B. Tech. in Computer Science and Engineering	Data Analytics	CS703B	2016
66	B. Tech. in Computer Science and Engineering	Sensor Network and IOT	CS703C	2016
67	B. Tech. in Computer Science and Engineering	Distributed Algorithms	CS704A	2016
68	B. Tech. in Computer Science and Engineering	Bio-informatics	CS704B	2016
69	B. Tech. in Computer Science and Engineering	Cryptography and Network Security	CS704C	2016
70	B. Tech. in Computer Science and Engineering	Soft Computing Lab	CS792A	2016
71	B. Tech. in Computer Science and Engineering	Natural Language Processing Lab	CS792B	2016
72	B. Tech. in Computer Science and Engineering	Web Technology Lab	CS792C	2016
73	B. Tech. in Computer Science and Engineering	Mobile Computing	CS801A	2016
74	B. Tech. in Computer Science and Engineering	Human computer Interaction	CS801B	2016
75	B. Tech. in Computer Science and Engineering	Cyber Law and Security Policy	CS801C	2016
76	B. Tech. in Computer Science and Engineering	VLSI Design	CS801D	2016
77	B. Tech. in Computer Science and Engineering	Parallel Computing	CS802A	2016
78	B. Tech. in Computer Science and Engineering	Machine Learning	CS802B	2016
79	B. Tech. in Computer Science and Engineering	Real Time Operating System and Embedded System	CS802C	2016
80	B. Tech. in Computer Science and Engineering	Advanced Computer Architecture	CS802D	2016
81	B. Tech. in Computer Science and Engineering	Circuit Theory and Network	CS504A	2015

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		Data Communication		
82	B. Tech. in Computer Science and Engineering		CS504B	2015
83	B. Tech. in Computer Science and Engineering	Digital Signal Processing	CS504C	2015
84	B. Tech. in Computer Science and Engineering	Object Oriented Programming	CS504D	2015
85	B. Tech. in Computer Science and Engineering	Circuit Theory and Network	CS594A	2015
86	B. Tech. in Computer Science and Engineering	Data Communication	CS594B	2015
87	B. Tech. in Computer Science and Engineering	Digital Signal Processing	CS594C	2015
88	B. Tech. in Computer Science and Engineering	Object Oriented Programming Lab	CS594D	2015
89	B. Tech. in Computer Science and Engineering	Information Theory & Coding	CS604A	2015
90	B. Tech. in Computer Science and Engineering	Computer Graphics	CS604B	2015
91	B. Tech. in Computer Science and Engineering	ERP	CS604C	2015
92	B. Tech. in Computer Science and Engineering	Operation Research	CS605A	2015
93	B. Tech. in Computer Science and Engineering	Human Resource Management	CS605B	2015
94	B. Tech. in Computer Science and Engineering	Multimedia Technology	CS605C	2015
95	B. Tech. in Computer Science and Engineering	Pattern Recognition	CS703A	2015
96	B. Tech. in Computer Science and Engineering	Soft Computing	CS703B	2015
97	B. Tech. in Computer Science and Engineering	Artificial Intelligence	CS703C	2015
98	B. Tech. in Computer Science and Engineering	Image Processing	CS703D	2015
99	B. Tech. in Computer Science and Engineering	Distributed Operating System	CS704A	2015
100	B. Tech. in Computer Science and Engineering	Cloud Computing	CS704B	2015
101	B. Tech. in Computer Science and Engineering	Data Warehousing and Data Mining	CS704C	2015
102	B. Tech. in Computer Science and Engineering	Sensor Networks	CS704D	2015

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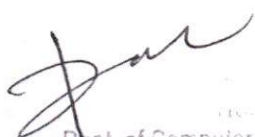| 103	B. Tech. in Computer Science and Engineering	Mobile Computing	CS704E	2015
104	B. Tech. in Computer Science and Engineering	Internet Technology	CS705A	2015
105	B. Tech. in Computer Science and Engineering	Microelectronics & VLSI Design	CS705B	2015
106	B. Tech. in Computer Science and Engineering	Control System	CS705C	2015
107	B. Tech. in Computer Science and Engineering	Modelling & Simulation	CS705D	2015
108	B. Tech. in Computer Science and Engineering	Pattern Recognition lab	CS793A	2015
109	B. Tech. in Computer Science and Engineering	Soft Computing lab	CS793B	2015
110	B. Tech. in Computer Science and Engineering	Artificial Intelligence lab	CS793C	2015
111	B. Tech. in Computer Science and Engineering	Image Processing lab	CS793D	2015
112	B. Tech. in Computer Science and Engineering	Internet Technology lab	CS795A	2015
113	B. Tech. in Computer Science and Engineering	Microelectronics & VLSI Design lab	CS795B	2015
114	B. Tech. in Computer Science and Engineering	Control System lab	CS795C	2015
115	B. Tech. in Computer Science and Engineering	Modelling & Simulation lab	CS795D	2015
116	B. Tech. in Computer Science and Engineering	Organisational Behaviour	HU801A	2015
117	B. Tech. in Computer Science and Engineering	Project Management	HU801B	2015
118	B. Tech. in Computer Science and Engineering	Advanced Computer Architecture	CS801A	2015
119	B. Tech. in Computer Science and Engineering	Parallel Computing	CS801B	2015
120	B. Tech. in Computer Science and Engineering	Natural Language Processing	CS801C	2015
121	B. Tech. in Computer Science and Engineering	Cryptography and Network Security	CS801D	2015
122	B. Tech. in Computer Science and Engineering	Business Analytics	CS801E	2015
123	B. Tech. in Computer Science and Engineering	Technology Management	CS802A	2015

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124	B. Tech. in Computer Science and Engineering	Cyber Law and Security Policy	CS802B	2015
125	B. Tech. in Computer Science and Engineering	Optical Networking	CS802C	2015
126	B. Tech. in Computer Science and Engineering	Low Power Circuits & Systems	CS802D	2015
127	B. Tech. in Computer Science and Engineering	E-Commerce	CS802E	2015
128	B. Tech. in Computer Science and Engineering	Robotics	CS802F	2015

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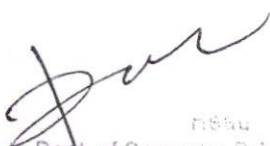81, Nilgunj Road, Agarpara
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8) List of Electives of M.TECH in Computer Science and Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	M. Tech. in Computer Science and Engineering	Machine Learning	CSM103A	2019
2	M. Tech. in Computer Science and Engineering	Wireless Sensor Networks	CSM103B	2019
3	M. Tech. in Computer Science and Engineering	Introduction to Intelligent Systems	CSM103C	2019
4	M. Tech. in Computer Science and Engineering	Human and Computer Interaction	CSM103D	2019
5	M. Tech. in Computer Science and Engineering	Image Processing	CSM103E	2019
6	M. Tech. in Computer Science and Engineering	Information Theory & Coding	CSM104A	2019
7	M. Tech. in Computer Science and Engineering	Data Preparation and Analysis	CSM104B	2019
8	M. Tech. in Computer Science and Engineering	Cloud Computing	CSM104C	2019
9	M. Tech. in Computer Science and Engineering	GPU Computing	CSM104D	2019
10	M. Tech. in Computer Science and Engineering	Pattern Recognition	CSM104E	2019
11	M. Tech. in Computer Science and Engineering	Machine Learning	CSM193A	2019
12	M. Tech. in Computer Science and Engineering	Wireless Sensor Networks	CSM193B	2019
13	M. Tech. in Computer Science and Engineering	Introduction to Intelligent Systems	CSM193C	2019
14	M. Tech. in Computer Science and Engineering	Human and Computer Interaction	CSM193D	2019
15	M. Tech. in Computer Science and Engineering	Image Processing Lab	CSM193E	2019
16	M. Tech. in Computer Science and Engineering	Distributed Systems	CSM203A	2019
17	M. Tech. in Computer Science and Engineering	Data Science	CSM203B	2019

18	M. Tech. in Computer Science and Engineering	Advanced Wireless and Mobile Networks	CSM203C	2019
19	M. Tech. in Computer Science and Engineering	Digital Forensics	CSM203D	2019
20	M. Tech. in Computer Science and Engineering	Security in Computing	CSM204A	2019
21	M. Tech. in Computer Science and Engineering	Data Warehouse and Data Mining	CSM204B	2019
22	M. Tech. in Computer Science and Engineering	Quantum Computing	CSM204C	2019
23	M. Tech. in Computer Science and Engineering	Computer Vision	CSM204D	2019
24	M. Tech. in Computer Science and Engineering	Business Analytics	CSM205A	2019
25	M. Tech. in Computer Science and Engineering	Industrial Safety	CSM205B	2019
26	M. Tech. in Computer Science and Engineering	Optimization Techniques	CSM205C	2019
27	M. Tech. in Computer Science and Engineering	Cost Management of Engineering	CSM205D	2019
28	M. Tech. in Computer Science and Engineering	Web Technology	CSEM106A	2016
29	M. Tech. in Computer Science and Engineering	Theory of Computation	CSEM106B	2016
30	M. Tech. in Computer Science and Engineering	Parallel Computing	CSEM106C	2016
31	M. Tech. in Computer Science and Engineering	Embedded Systems	CSEM106D	2016
32	M. Tech. in Computer Science and Engineering	Modeling and simulation	CSEM106E	2016
33	M. Tech. in Computer Science and Engineering	Soft Computing	CSEM106F	2016
34	M. Tech. in Computer Science and Engineering	Computational Geometry	CSEM106G	2016
35	M. Tech. in Computer Science and Engineering	Distributed Systems	CSEM205A	2016
36	M. Tech. in Computer Science and Engineering	Cryptography & Network Security	CSEM205B	2016
37	M. Tech. in Computer Science and Engineering	Advanced Compiler Design	CSEM205C	2016
38	M. Tech. in Computer Science and Engineering	Artificial Intelligence	CSEM205D	2016

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39	M. Tech. in Computer Science and Engineering	VLSI Design	CSEM205E	2016
40	M. Tech. in Computer Science and Engineering	Pattern Recognition	CSEM205F	2016
41	M. Tech. in Computer Science and Engineering	Bioinformatics	CSEM206A	2016
42	M. Tech. in Computer Science and Engineering	Machine Learning	CSEM206B	2016
43	M. Tech. in Computer Science and Engineering	Natural Language Processing	CSEM206C	2016
44	M. Tech. in Computer Science and Engineering	Mobile Computing	CSEM206D	2016
45	M. Tech. in Computer Science and Engineering	Multimedia and Graphics	CSEM206E	2016
46	M. Tech. in Computer Science and Engineering	Cluster, Grid and Cloud Computing	CSEM206F	2016
47	M. Tech. in Computer Science and Engineering	Artificial Neural Networks	PGCSE105A	2015
48	M. Tech. in Computer Science and Engineering	Agent Based Intelligent Systems	PGCSE105B	2015
49	M. Tech. in Computer Science and Engineering	Advanced Soft Computing	PGCSE105C	2015
50	M. Tech. in Computer Science and Engineering	Object Oriented Information System Design	PGCSE105D	2015
51	M. Tech. in Computer Science and Engineering	Software Engineering & CASE tools	PGCSE105E	2015
52	M. Tech. in Computer Science and Engineering	Computer Graphics & Multimedia	PGCSE105F	2015
53	M. Tech. in Computer Science and Engineering	Cluster, Grid and Cloud Computing	PGCSE204A	2015
54	M. Tech. in Computer Science and Engineering	Mobile Computing	PGCSE204B	2015
55	M. Tech. in Computer Science and Engineering	Advanced Web Technology	PGCSE204C	2015
56	M. Tech. in Computer Science and Engineering	Soft Computing	PGCSE204D	2015
57	M. Tech. in Computer Science and Engineering	Cryptography & Computer Security	PGCSE204E	2015
58	M. Tech. in Computer Science and Engineering	Image Processing	PGCSE205A	2015
59	M. Tech. in Computer Science and Engineering	Pattern Recognition	PGCSE205B	2015

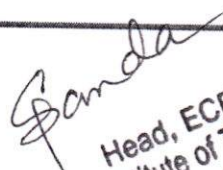| 60	M. Tech. in Computer Science and Engineering	Real-time Embedded Systems & Programming	PGCSE205C	2015
61	M. Tech. in Computer Science and Engineering	Complex Systems	PGCSE205D	2015
62	M. Tech. in Computer Science and Engineering	Distributed System Principle	PGCSE205E	2015
63	M. Tech. in Computer Science and Engineering	Project Management & Enterpreneurship	PGCSE301A	2015
64	M. Tech. in Computer Science and Engineering	Teaching & Research Methodologies	PGCSE301B	2015
65	M. Tech. in Computer Science and Engineering	Human Computer Interaction	PGCSE302A	2015
66	M. Tech. in Computer Science and Engineering	Bioinformatics	PGCSE302B	2015
67	M. Tech. in Computer Science and Engineering	Data Mining & Data Ware Housing	PGCSE302C	2015
68	M. Tech. in Computer Science and Engineering	Compiler Construction	PGCSE302D	2015
69	M. Tech. in Computer Science and Engineering	VLSI Design	PGCSE302E	2015

9) List of Electives of M.TECH in Electronics and Communication Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	M. Tech. in Electronics and Communication Engineering	Satellite communication	MECE 106A	2016
2	M. Tech. in Electronics and Communication Engineering	Communication networks	MECE 106B	2016
3	M. Tech. in Electronics and Communication Engineering	Embedded System	MECE 106C	2016
4	M. Tech. in Electronics and Communication Engineering	Image processing & Pattern recognition	MECE 205A	2016
5	M. Tech. in Electronics and Communication Engineering	Computer Vision	MECE 205B	2016
6	M. Tech. in Electronics and Communication Engineering	Detection and Estimation Theory	MECE 205C	2016
7	M. Tech. in Electronics and Communication Engineering	Optical fibre communication	MECE 206A	2016
8	M. Tech. in Electronics and Communication Engineering	Ad-hoc networking	MECE 206B	2016
9	M. Tech. in Electronics and Communication Engineering	Multimedia Communication	MECE 206C	2016
10	M. Tech. in Electronics and Communication Engineering	Image processing & Pattern Recognition Lab	MECE 293A	2016
11	M. Tech. in Electronics and Communication Engineering	Advanced Simulation Lab	MECE 293B	2016
12	M. Tech. in Electronics and Communication Engineering	Computer Communication & Networking	MCE 105A	2015
13	M. Tech. in Electronics and Communication Engineering	Telecommunication engineering	MCE 105B	2015
14	M. Tech. in Electronics and Communication Engineering	Statistical communication	MCE 105C	2015
15	M. Tech. in Electronics and Communication Engineering	Microwave applications	MCE 105D	2015
16	M. Tech. in Electronics and Communication Engineering	Remote sensing techniques & applications.	MCE 105E	2015
17	M. Tech. in Electronics and Communication Engineering	Cryptography & network security	MCE 204A	2015
18	M. Tech. in Electronics and Communication Engineering	Artificial intelligence & soft computing	MCE 204B	2015

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19	M. Tech. in Electronics and Communication Engineering	Integratable circuits & Design	MCE 204C	2015
20	M. Tech. in Electronics and Communication Engineering	Microwave measurement Techniques	MCE 204D	2015
21	M. Tech. in Electronics and Communication Engineering	Satellite communication	MCE 205A	2015
22	M. Tech. in Electronics and Communication Engineering	Image processing & pattern recognition	MCE 205B	2015
23	M. Tech. in Electronics and Communication Engineering	Multimedia communication	MCE 205C	2015
24	M. Tech. in Electronics and Communication Engineering	Advanced antenna and wave propagation	MCE 205D	2015
25	M. Tech. in Electronics and Communication Engineering	EMI/EMC	MCE 302A	2015
26	M. Tech. in Electronics and Communication Engineering	Ad-hoc networking	MCE 302B	2015
27	M. Tech. in Electronics and Communication Engineering	Optical signal processing	MCE 302C	2015
28	M. Tech. in Electronics and Communication Engineering	Convergence in communication technology	MCE 302D	2015
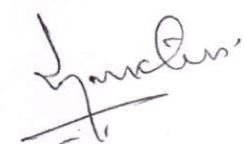
10) List of Electives of M.TECH in Power System for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	M.Tech in Power System	Power System Planning and Reliability	PSM-103A	2016
2	M.Tech in Power System	Power System Apparatus	PSM-103B	2016
3	M.Tech in Power System	Power Quality	PSM-103C	2016
4	M.Tech in Power System	Optimization Techniques	PSM-104A	2016
5	M.Tech in Power System	Soft Computing Technique	PSM-104B	2016
6	M.Tech in Power System	Digital Signal Processing	PSM-104C	2016
7	M.Tech in Power System	Object Oriented Programming	PSM-104D	2016
8	M.Tech in Power System	Power System Transient	PSM-204A	2016
9	M.Tech in Power System	Flexible A.C. Transmission System	PSM-204B	2016
10	M.Tech in Power System	Advanced Electrical Drives	PSM-204C	2016
11	M.Tech in Power System	Advanced Control System	PSM-205A	2016
12	M.Tech in Power System	Modeling and Simulation of dynamic systems	PSM-205B	2016
13	M.Tech in Power System	Advanced Microprocessor and Microcontroller	PSM-205C	2016
14	M.Tech in Power System	Non-conventional Energy Systems and Microgrid	PSM-301A	2016
15	M.Tech in Power System	Power System Harmonics	PSM-301B	2016
16	M.Tech in Power System	Energy Control Center – Concept & Implementation	PSM-301C	2016
17	M.Tech in Power System	Power plant Instrumentation	PSM 104A	2015
18	M.Tech in Power System	Electric Drive	PSM 104B	2015
19	M.Tech in Power System	Optimization Technique	PSM 104C	2015
20	M.Tech in Power System	High voltage DC transmission	PSM 204A	2015
21	M.Tech in Power System	Power System Security & State Estimation	PSM 204B	2015
22	M.Tech in Power System	Power system transients	PSM 205A	2015
23	M.Tech in Power System	Power system planning and reliability	PSM 205B	2015
24	M.Tech in Power System	Generation of non conventional energy	PSM 205C	2015
25	M.Tech in Power System	Generalized Theory of Machine	PSM 301 A	2015
26	M.Tech in Power System	Advance Microprocessor & Microcontrollers	PSM 301 B	2015
27	M.Tech in Power System	Power Plant Engineering	PSM 301 C	2015

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11) List of Electives of M.TECH in Structural Engineering for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	M. Tech in Structural Engineering	Bridge Engineering	SE105A	2016
2	M. Tech in Structural Engineering	Structural Optimisation	SE105B	2016
3	M. Tech in Structural Engineering	Repair & Rehabilitation of Structure	SE105C	2016
4	M. Tech in Structural Engineering	Advanced Foundation Engineering	SE204A	2016
5	M. Tech in Structural Engineering	Structural Reliability	SE204B	2016
6	M. Tech in Structural Engineering	Composite Material & Structures	SE204C	2016
7	M. Tech in Structural Engineering	Environmental Impact Assessment	SE205A	2016
8	M. Tech in Structural Engineering	Advanced Concrete Technology	SE205B	2016
9	M. Tech in Structural Engineering	Construction Technology & Management	SE205C	2016
10	M. Tech in Structural Engineering	Theory of Elastic Stability and Behaviour of Metal Structure	SE 205D	2016
11	M. Tech in Structural Engineering	Prestressed Concrete Structures	SE204B	2018

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12) List of Electives in Master of Computer Application for the assessment period

Sl. no.	Name of the Programme	Name of the Elective course/ Subject	Elective Course/ Subject code	Year of Offering
1	Master of Computer Applications	Advanced Java Technologies	MCAE 502A	2016
2	Master of Computer Applications	Python Programming	MCAE 502B	2016
3	Master of Computer Applications	Linux System Administration	MCAE 502C	2016
4	Master of Computer Applications	Computational Intelligence	MCAE 503A	2016
5	Master of Computer Applications	Mobile Computing	MCAE 503B	2016
6	Master of Computer Applications	Compiler Design	MCAE 503C	2016
7	Master of Computer Applications	E-commerce & Cyber-Law	MCAE 504A	2016
8	Master of Computer Applications	Big Data	MCAE 504B	2016
9	Master of Computer Applications	Image Processing	MCAE 504C	2016
10	Master of Computer Applications	Network Security & Cryptography	MCAE 505A	2016
11	Master of Computer Applications	Cloud Computing	MCAE 505B	2016
12	Master of Computer Applications	Internet of Things	MCAE 505C	2016
13	Master of Computer Applications	Advanced Java Technologies Lab	MCAE 592A	2016
14	Master of Computer Applications	Python Programming Lab	MCAE 592B	2016
15	Master of Computer Applications	Linux System Administration Lab	MCAE 592C	2016
16	Master of Computer Applications	System Administration and Linux	MCA E502A	2015
17	Master of Computer Applications	Windows Programming With VB	MCA E502B	2015
18	Master of Computer Applications	Advanced Unix programming	MCA E503A	2015
19	Master of Computer Applications	Object Oriented Programming With Java	MCA E503B	2015

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20	Master of Computer Applications	Compiler Design	MCA E504A	2015
21	Master of Computer Applications	E-Commerce	MCA E504B	2015
22	Master of Computer Applications	Distributed database management	MCA E501A	2015
23	Master of Computer Applications	Image Processing	MCA E501B	2015
24	Master of Computer Applications	Parallel Programming	MCA E501C	2015
25	Master of Computer Applications	System Administration and Linux Lab	MCA E592A	2015
26	Master of Computer Applications	Windows Programming With VB Lab	MCA E592B	2015

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