



College Code: HM

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES : KADAPA

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ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES KADAPA LIST OF COURSES OFFERED FOR A.Y. 2020-21

S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
1	01	CIVIL	20A54101	Linear Algebra and Calculus	2020-21	R20	I-I
2	01	CIVIL	20A56101T	Engineering Physics	2020-21		
3	01	CIVIL	20A52101T	Communicative English	2020-21		
4	01	CIVIL	20A02101T	Basic Electrical & Electronics Engineering	2020-21		
5	01	CIVIL	20A03101T	Engineering Drawing	2020-21		
6	01	CIVIL	20A03101P	Engineering Graphics Lab	2020-21		
7	01	CIVIL	20A56101P	Engineering Physics Lab	2020-21		
8	01	CIVIL	20A52101P	Communicative English Lab	2020-21		
9	01	CIVIL	20A02101P	Basic Electrical & Electronics Engineering Lab	2020-21		
10	01	CIVIL	20A54201	Differential Equations and Vector Calculus	2020-21	R20	I-II
11	01	CIVIL	20A51201T	Engineering Chemistry	2020-21		
12	01	CIVIL	20A05201T	C-Programming & Data Structures	2020-21		
13	01	CIVIL	20A01201T	Strength of Materials	2020-21		
14	01	CIVIL	20A03202	Engineering Workshop	2020-21		
15	01	CIVIL	20A05202	IT Workshop	2020-21		
16	01	CIVIL	20A05201P	C-Programming & Data Structures Lab	2020-21		
17	01	CIVIL	20A51201P	Engineering Chemistry Lab	2020-21		
18	01	CIVIL	20A01201P	Strength of Materials Lab	2020-21		
19	01	CIVIL	20A99201	Environmental Science	2020-21		
20	01	CIVIL	19A54301	Complex Variables, Transforms and Partial Differential Equations	2020-21	R19	II-I
21	01	CIVIL	19A01301T	Strength of Materials-I	2020-21		
22	01	CIVIL	19A01302T	Fluid Mechanics	2020-21		
23	01	CIVIL	19A01303T	Surveying	2020-21		
24	01	CIVIL	19A01304	Building Materials and Construction	2020-21		
25	01	CIVIL	19A05304T	Python Programming	2020-21		
26	01	CIVIL	19A52301	Universal Human Values	2020-21		
27	01	CIVIL	19A01301P	Strength of Material Lab	2020-21		
28	01	CIVIL	19A01302P	Fluid Mechanics Lab	2020-21		
29	01	CIVIL	19A01303P	Surveying Lab	2020-21		
30	01	CIVIL	19A99301	Environmental Science	2020-21		
31	01	CIVIL	19A01401	Strength of Materials-II	2020-21	R19	II-II
32	01	CIVIL	19A01402T	Hydraulics and Hydraulic Machinery	2020-21		
33	01	CIVIL	19A01403	Structural Analysis-I	2020-21		
34	01	CIVIL	19A01404T	Concrete Technology	2020-21		
35	01	CIVIL	19A01405T	Transportation Engineering	2020-21		
36	01	CIVIL	19A01406	Environmental Engineering	2020-21		
37	01	CIVIL	19A01402P	Hydraulic Machinery Lab	2020-21		
38	01	CIVIL	19A01405P	Transportation Engineering Lab	2020-21		
39	01	CIVIL	19A99302	Biology For Engineers	2020-21		
40	01	CIVIL	15A01501	Design and Drawing of RCC Structures	2020-21	R15	III-I
41	01	CIVIL	15A01502	Estimation, Costing and Valuation	2020-21		
42	01	CIVIL	15A01503	Geotechnical Engineering -- I	2020-21		
43	01	CIVIL	15A01504	Engineering Geology	2020-21		
44	01	CIVIL	15A01505	Structural Analysis -- II	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
45	01	CIVIL	15A01506	Cost Effective Housing Techniques	2020-21		
46	01	CIVIL	15A01507	Water Harvesting and Conservation	2020-21		
47	01	CIVIL	15A01508	Engineering Geology Laboratory	2020-21		
48	01	CIVIL	15A01509	Geotechnical Engineering Laboratory	2020-21		
49	01	CIVIL	15A99501	Audit course - Social Values & Ethics	2020-21		
50	01	CIVIL	15A01601	Concrete Technology	2020-21	R15	III-II
51	01	CIVIL	15A01602	Design and Drawing of Steel Structures	2020-21		
52	01	CIVIL	15A01603	Geotechnical Engineering – II	2020-21		
53	01	CIVIL	15A01604	Transportation Engineering - I	2020-21		
54	01	CIVIL	15A01605	Water Resources Engineering – I	2020-21		
55	01	CIVIL	15A01606	Remote Sensing & GIS	2020-21		
56	01	CIVIL	15A01607	Disaster Management & Mitigation	2020-21		
57	01	CIVIL	15A01608	Intellectual Property Rights	2020-21		
58	01	CIVIL	15A01609	Concrete Technology Laboratory	2020-21		
59	01	CIVIL	15A01610	Transportation Engineering Laboratory	2020-21		
60	01	CIVIL	15A52602	Advanced English Language Communication Skills	2020-21		
61	01	CIVIL	15A01611	Comprehensive Online Examination-II	2020-21		
62	01	CIVIL	15A01701	Finite Element Methods	2020-21	R15	IV-I
63	01	CIVIL	15A01702	Transportation Engineering - II	2020-21		
64	01	CIVIL	15A01703	Environmental Engineering	2020-21		
65	01	CIVIL	15A01704	Water Resources Engineering – II	2020-21		
66	01	CIVIL	15A01705	Design and Drawing of Irrigation Structures	2020-21		
67	01	CIVIL	15A01706	Ground Improvement techniques	2020-21		
68	01	CIVIL	15A01707	Air Pollution and Quality Control	2020-21		
69	01	CIVIL	15A01708	Bridge Engineering	2020-21		
70	01	CIVIL	15A01709	Earth Quake Resistant Design of Structures	2020-21		
71	01	CIVIL	15A01710	Rehabilitation and Retrofitting of Structures	2020-21		
72	01	CIVIL	15A01711	CAD Laboratory	2020-21		
73	01	CIVIL	15A01712	Environmental Engineering Laboratory	2020-21		
74	01	CIVIL	15A01801	Urban Transportation Planning	2020-21	R15	IV-II
75	01	CIVIL	15A01802	Advanced Structural Engineering	2020-21		
76	01	CIVIL	15A01803	Prestressed Concrete	2020-21		
77	01	CIVIL	15A01804	Environmental Impact Assessment and	2020-21		
78	01	CIVIL	15A01805	Comprehensive Viva Voce	2020-21		
79	01	CIVIL	15A01806	Technical Seminar	2020-21		
80	01	CIVIL	15A01807	Project Work	2020-21		
81	01	CIVIL	15A01808	Survey Camp	2020-21		
82	02	EEE	20A54101	Linear Algebra and Calculus	2020-21	R20	I-I
83	02	EEE	20A56201T	Applied Physics	2020-21		
84	02	EEE	20A52101T	Communicative English	2020-21		
85	02	EEE	20A02101T	Fundamentals of Electrical Circuits	2020-21		
86	02	EEE	20A03101T	Engineering Drawing	2020-21		
87	02	EEE	20A03101P	Engineering Graphics Lab	2020-21		
88	02	EEE	20A56201P	Applied Physics Lab	2020-21		
89	02	EEE	20A52101P	Communicative English Lab	2020-21		
90	02	EEE	20A02101P	Fundamentals of Electrical Circuits Lab	2020-21		
91	02	EEE	20A54201	Differential Equations and Vector Calculus	2020-21	R20	I-II
92	02	EEE	20A51101T	Chemistry	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
93	02	EEE	20A05201T	C-Programming & Data Structures	2020-21		
94	02	EEE	20A04101T	Electronic Devices & Circuits	2020-21		
95	02	EEE	20A03202	Engineering Workshop	2020-21		
96	02	EEE	20A05202	IT Workshop	2020-21		
97	02	EEE	20A05201P	C-Programming & Data Structures Lab	2020-21		
98	02	EEE	20A51101P	Chemistry Lab	2020-21		
99	02	EEE	20A04101P	Electronic Devices & Circuits Lab	2020-21		
100	02	EEE	20A99201	Environmental Science	2020-21		
101	02	EEE	19A54302	Complex Variables & Transforms	2020-21	R19	II-I
102	02	EEE	19A02301T	Basic Electrical Circuits	2020-21		
103	02	EEE	19A02302	Power System Architecture	2020-21		
104	02	EEE	19A02303T	DC Machines & Transformers	2020-21		
105	02	EEE	19A04306T	Semiconductor Devices and Circuits	2020-21		
106	02	EEE	19A04304	Digital Electronics and Logic Design	2020-21		
107	02	EEE	19A02303P	DC Machines & Transformers Lab	2020-21		
108	02	EEE	19A04306P	Semiconductor Devices and Circuits Lab	2020-21		
109	02	EEE	19A02301P	Basic Electrical Circuits Lab	2020-21		
110	02	EEE	19A99302	Biology For Engineers	2020-21		
111	02	EEE	19A54304	Numerical Methods & Probability Theory	2020-21	R19	II-II
112	02	EEE	19A02401T	Electrical Circuit Analysis	2020-21		
113	02	EEE	19A02402	Engineering Electromagnetics	2020-21		
114	02	EEE	19A02403	Power Electronics	2020-21		
115	02	EEE	19A04405	Analog Electronic Circuits	2020-21		
116	02	EEE	19A05304T	Python Programming	2020-21		
117	02	EEE	19A52301	Universal Human Values	2020-21		
118	02	EEE	19A02401P	Electrical Circuit Analysis Lab	2020-21		
119	02	EEE	19A04406	Electronic Circuits Lab	2020-21		
120	02	EEE	19A99301	Environmental Science	2020-21		
121	02	EEE	15A02501	Electrical Measurements	2020-21	R15	III-I
122	02	EEE	15A04509	Linear & Digital IC Applications	2020-21		
123	02	EEE	15A02502	Electrical Power Transmission Systems	2020-21		
124	02	EEE	15A02503	Power Electronics	2020-21		
125	02	EEE	15A02504	Electrical Machines – III	2020-21		
126	02	EEE	15A04510	Digital Circuits and Systems	2020-21		
127	02	EEE	15A02505	Networks Signals and Systems	2020-21		
128	02	EEE	15A02506	Electrical Machines Laboratory – II	2020-21		
129	02	EEE	15A02507	Electrical Measurements Laboratory	2020-21		
130	02	EEE	15A99501	Audit course – Social Values & Ethics	2020-21		
131	02	EEE	15A52601	Management Science	2020-21	R15	III-II
132	02	EEE	15A02601	Power Semiconductor Drives	2020-21		
133	02	EEE	15A02602	Power System Protection	2020-21		
134	02	EEE	15A04601	Microprocessors & Microcontrollers	2020-21		
135	02	EEE	15A02603	Power System Analysis	2020-21		
136	02	EEE	15A02604	Neural Networks & Fuzzy Logic	2020-21		
137	02	EEE	15A02605	Programmable Logic Controller & Its Applications	2020-21		
138	02	EEE	15A02606	Optimization Techniques	2020-21		
139	02	EEE	15A01608	Intellectual Property Rights	2020-21		
140	02	EEE	15A04607	Microprocessors & Microcontrollers Laboratory	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
141	02	EEE	15A02607	Power Electronics & Simulation Laboratory	2020-21		
142	02	EEE	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2020-21		
143	02	EEE	15A02608	Comprehensive Online Examination - II	2020-21		
144	02	EEE	15A02701	Electrical Distribution Systems	2020-21	R15	IV-I
145	02	EEE	15A04603	Digital Signal Processing	2020-21		
146	02	EEE	15A02702	Power System Operation and Control	2020-21		
147	02	EEE	15A02703	Utilization of Electrical Energy	2020-21		
148	02	EEE	15A02704	Modern Control Theory	2020-21		
149	02	EEE	15A02705	Switched Mode Power Converters	2020-21		
150	02	EEE	15A02706	Energy Auditing & Demand Side Management	2020-21		
151	02	EEE	15A02707	Smart Grid	2020-21		
152	02	EEE	15A02708	Flexible AC Transmission Systems	2020-21		
153	02	EEE	15A02709	Power Quality	2020-21		
154	02	EEE	15A04608	Digital Signal Processing Laboratory	2020-21		
155	02	EEE	15A02710	Power Systems & Simulation Laboratory	2020-21		
156	02	EEE	15A02801	Instrumentation	2020-21	R15	IV-II
157	02	EEE	15A02802	Power System Dynamics and Control	2020-21		
158	02	EEE	15A02803	Industrial Automation & Control	2020-21		
159	02	EEE	15A02804	HVDC Transmission	2020-21		
160	02	EEE	15A04702	Embedded Systems	2020-21		
161	02	EEE	15A02805	Energy Resources & Technology	2020-21		
162	02	EEE	15A02806	Comprehensive Viva Voce	2020-21		
163	02	EEE	15A02807	Technical Seminar	2020-21		
164	02	EEE	15A02808	Project Work	2020-21		
165	03	ME	20A54101	Linear Algebra and Calculus	2020-21	R20	I-I
166	03	ME	20A51201T	Engineering Chemistry	2020-21		
167	03	ME	20A05201T	C-Programming & Data Structures	2020-21		
168	03	ME	20A02101T	Basic Electrical & Electronics Engineering	2020-21		
169	03	ME	20A03202	Engineering Workshop	2020-21		
170	03	ME	20A05202	IT Workshop	2020-21		
171	03	ME	20A51201P	Engineering Chemistry Lab	2020-21		
172	03	ME	20A05201P	C-Programming & Data Structures Lab	2020-21		
173	03	ME	20A02101P	Basic Electrical & Electronics Engineering Lab	2020-21		
174	03	ME	20A54201	Differential Equations and Vector Calculus	2020-21	R20	I-II
175	03	ME	20A56101T	Engineering Physics	2020-21		
176	03	ME	20A52101T	Communicative English	2020-21		
177	03	ME	20A03201T	Material Science & Engineering	2020-21		
178	03	ME	20A03101T	Engineering Drawing	2020-21		
179	03	ME	20A03101P	Engineering Graphics Lab	2020-21		
180	03	ME	20A52101P	Communicative English Lab	2020-21		
181	03	ME	20A56101P	Engineering Physics Lab	2020-21		
182	03	ME	20A03201P	Material Science Lab	2020-21		
183	03	ME	20A52201	Universal Human Values	2020-21		
184	03	ME	19A54301	Complex Variables, Transforms and PDE	2020-21	R19	II-I
185	03	ME	19A05304T	Python Programming	2020-21		
186	03	ME	19A03301T	Manufacturing Processes	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
187	03	ME	19A03302	Engineering Mechanics	2020-21		
188	03	ME	19A03303T	Material Science and Engineering	2020-21		
189	03	ME	19A99303T	Design Thinking & Product Innovation	2020-21		
190	03	ME	19A52301	Universal Human Values	2020-21		
191	03	ME	19A99303P	Design Thinking & Product Innovation Lab	2020-21		
192	03	ME	19A03301P	Manufacturing Processes Lab	2020-21		
193	03	ME	19A03303P	Material Science and Engineering Lab	2020-21		
194	03	ME	19A99301	Environmental Sciences	2020-21		
195	03	ME	19A54304	Numerical Methods and Probability theory	2020-21	R19	II-II
196	03	ME	19A03401	Thermodynamics	2020-21		
197	03	ME	19A03402T	Mechanics of Materials	2020-21		
198	03	ME	19A01407	Fluid Mechanics and Hydraulic Machinery	2020-21		
199	03	ME	19A05406T	Internet of Things	2020-21		
200	03	ME	19A03403	Kinematics of Machinery	2020-21		
201	03	ME	19A03404	Computer Aided Machine Drawing	2020-21		
202	03	ME	19A03402P	Mechanics of Materials Lab	2020-21		
203	03	ME	19A99302	Biology For Engineers	2020-21		
204	03	ME	15A01510	Fluid Mechanics and Hydraulic Machines	2020-21	R15	III-I
205	03	ME	15A03501	Thermal Engineering - II	2020-21		
206	03	ME	15A03502	Dynamics of Machinery	2020-21		
207	03	ME	15A03503	Machine Tools	2020-21		
208	03	ME	15A03504	Design of Machine Members - I	2020-21		
209	03	ME	15A03505	Entrepreneurship	2020-21		
210	03	ME	15A03506	Nano Technology	2020-21		
211	03	ME	15A03507	Micro Electro Mechanical Systems	2020-21		
212	03	ME	15A01511	Fluid Mechanics and Hydraulic Machines	2020-21		
213	03	ME	15A03508	Machine Tools Laboratory	2020-21		
214	03	ME	15A99501	Audit course – Social Values & Ethics	2020-21		
215	03	ME	15A03601	Operations Research	2020-21	R15	III-II
216	03	ME	15A03602	Design of Machine Members – II	2020-21		
217	03	ME	15A03603	Heat Transfer	2020-21		
218	03	ME	15A03604	Finite Element Method	2020-21		
219	03	ME	15A03605	Metal forming Process	2020-21		
220	03	ME	15A03606	Non Conventional Source of Energy	2020-21		
221	03	ME	15A03607	Total Quality Management	2020-21		
222	03	ME	15A03608	Mechatronics	2020-21		
223	03	ME	15A01608	Intellectual Property Rights	2020-21		
224	03	ME	15A03609	Heat Transfer Laboratory	2020-21		
225	03	ME	15A03610	Computer Aided Engineering Laboratory	2020-21		
226	03	ME	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2020-21		
227	03	ME	15A03611	Comprehensive Online Examination - II	2020-21		
228	03	ME	15A52601	Management Science	2020-21	R15	IV-I
229	03	ME	15A03701	Automobile Engineering	2020-21		
230	03	ME	15A03702	CAD/CAM	2020-21		
231	03	ME	15A03703	Metrology and Measurements	2020-21		
232	03	ME	15A03704	Refrigeration and Air – Conditioning	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
233	03	ME	15A03705	Tool Design	2020-21		
234	03	ME	15A03706	Modern Manufacturing Methods	2020-21		
235	03	ME	15A03707	Computational Fluid Dynamics	2020-21		
236	03	ME	15A03708	Automation and Robotics	2020-21		
237	03	ME	15A03709	Production & Operations Management	2020-21		
238	03	ME	15A03710	CAD/ CAM Laboratory	2020-21		
239	03	ME	15A03711	Metrology and Measurements Laboratory	2020-21		
240	03	ME	15A03801	Industrial Engineering	2020-21	R15	IV-II
241	03	ME	15A03802	Product Design	2020-21		
242	03	ME	15A03803	Composite Materials	2020-21		
243	03	ME	15A03804	Power Plant Engineering	2020-21		
244	03	ME	15A03805	Gas Turbines and Jet Propulsion	2020-21		
245	03	ME	15A03806	Energy Management	2020-21		
246	03	ME	15A03807	Comprehensive Viva Voce	2020-21		
247	03	ME	15A03808	Technical Seminar	2020-21		
248	03	ME	15A03809	Project work	2020-21		
249	04	ECE	20A54101	Linear Algebra and Calculus	2020-21	R20	I-I
250	04	ECE	20A56201T	Applied Physics	2020-21		
251	04	ECE	20A52101T	Communicative English	2020-21		
252	04	ECE	20A02101T	Fundamentals of Electrical Circuits	2020-21		
253	04	ECE	20A03101T	Engineering Drawing	2020-21		
254	04	ECE	20A03101P	Engineering Graphics Lab	2020-21		
255	04	ECE	20A56201P	Applied Physics Lab	2020-21		
256	04	ECE	20A52101P	Communicative English Lab	2020-21		
257	04	ECE	20A02101P	Fundamentals of Electrical Circuits Lab	2020-21		
258	04	ECE	20A54201	Differential Equations and Vector Calculus	2020-21	R20	I-II
259	04	ECE	20A51101T	Chemistry	2020-21		
260	04	ECE	20A05201T	C-Programming & Data Structures	2020-21		
261	04	ECE	20A04101T	Electronic Devices & Circuits	2020-21		
262	04	ECE	20A03202	Engineering Workshop	2020-21		
263	04	ECE	20A05202	IT Workshop	2020-21		
264	04	ECE	20A05201P	C-Programming & Data Structures Lab	2020-21		
265	04	ECE	20A51101P	Chemistry Lab	2020-21		
266	04	ECE	20A04101P	Electronic Devices & Circuits Lab	2020-21		
267	04	ECE	20A99201	Environmental Science	2020-21		
268	04	ECE	19A54302	Complex Variables and Transforms	2020-21	R19	II-I
269	04	ECE	19A04301	Signals & Systems	2020-21		
270	04	ECE	19A04302T	Electronic Devices and Circuits	2020-21		
271	04	ECE	19A04303	Probability Theory and Stochastic Processes	2020-21		
272	04	ECE	19A04304	Digital Electronics and Logic Design	2020-21		
273	04	ECE	19A02304T	Electrical Technology	2020-21		
274	04	ECE	19A04302P	Electronic Devices and Circuits Lab	2020-21		
275	04	ECE	19A04305	Basic Simulation Lab	2020-21		
276	04	ECE	19A02304P	Electrical Technology Lab	2020-21		
277	04	ECE	19A99302	Biology For Engineers	2020-21		
278	04	ECE	19A04401	Electromagnetic Waves and Transmission lines	2020-21	R19	II-II
279	04	ECE	19A04402T	Electronic Circuits – Analysis and Design	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
280	04	ECE	19A02404	Control Systems	2020-21		
281	04	ECE	19A04403T	Analog Communications	2020-21		
282	04	ECE	19A05304T	Python Programming	2020-21		
283	04	ECE	19A04404	Computer Architecture and Organization	2020-21		
284	04	ECE	19A52301	Universal Human Values	2020-21		
285	04	ECE	19A04402P	Electronic Circuits – Analysis and Design Lab	2020-21		
286	04	ECE	19A04403P	Analog Communications Lab	2020-21		
287	04	ECE	19A99301	Environmental Science	2020-21		
288	04	ECE	15A04511	Computer Organization	2020-21	R15	III-I
289	04	ECE	15A04501	Antennas and Wave Propagation	2020-21		
290	04	ECE	15A04502	Digital Communication Systems	2020-21		
291	04	ECE	15A04503	Linear Integrated Circuits and Applications	2020-21		
292	04	ECE	15A04504	Digital System Design	2020-21		
293	04	ECE	15A04505	Linux Programming & Scripting	2020-21		
294	04	ECE	15A04506	MEMS & Microsystems	2020-21		
295	04	ECE	15A04507	IC Applications Laboratory	2020-21		
296	04	ECE	15A04508	Digital Communication Systems Laboratory	2020-21		
297	04	ECE	15A99501	Audit course – Social Values & Ethics	2020-21		
298	04	ECE	15A52301	Managerial Economics and Financial Analysis	2020-21	R15	III-II
299	04	ECE	15A04601	Microprocessors & Microcontrollers	2020-21		
300	04	ECE	15A04602	Electronic Measurements and Instrumentation	2020-21		
301	04	ECE	15A04603	Digital Signal Processing	2020-21		
302	04	ECE	15A04604	VLSI Design	2020-21		
303	04	ECE	15A04605	MATLAB Programming	2020-21		
304	04	ECE	15A04606	Industrial Electronics	2020-21		
305	04	ECE	15A04610	Neural Networks & Fuzzy Systems	2020-21		
306	04	ECE	15A01608	Intellectual Property Rights	2020-21		
307	04	ECE	15A04607	Microprocessors & Microcontrollers Laboratory	2020-21		
308	04	ECE	15A04608	Digital Signal Processing Laboratory	2020-21		
309	04	ECE	15A52602	Advanced English Language Communication Skills	2020-21		
310	04	ECE	15A04609	Comprehensive Online Examination-II	2020-21		
311	04	ECE	15A04701	Optical Fiber Communication	2020-21	R15	IV-I
312	04	ECE	15A04702	Embedded Systems	2020-21		
313	04	ECE	15A04703	Microwave Engineering	2020-21		
314	04	ECE	15A04704	Data Communications and Networking	2020-21		
315	04	ECE	15A04705	Radar Systems	2020-21		
316	04	ECE	15A04706	Adaptive Signal Processing	2020-21		
317	04	ECE	15A04707	FPGA Design	2020-21		
318	04	ECE	15A04708	Digital Image Processing	2020-21		
319	04	ECE	15A04709	Cellular & Mobile Communication	2020-21		
320	04	ECE	15A04710	Real Time Systems	2020-21		
321	04	ECE	15A04711	Microwave and Optical Communication Laboratory	2020-21		
322	04	ECE	15A04712	VLSI & Embedded Systems Laboratory	2020-21		
323	04	ECE	15A04801	Advanced Digital Signal Processing- Multirate &	2020-21	R15	IV-II
324	04	ECE	15A04802	Low Power VLSI Circuits & Systems	2020-21		
325	04	ECE	15A04803	Pattern Recognition & Applications	2020-21		
326	04	ECE	15A04804	RF Integrated Circuits	2020-21		
327	04	ECE	15A04805	Comprehensive Viva Voce	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
328	04	ECE	15A04806	Technical Seminar	2020-21		
329	04	ECE	15A04807	Project Work	2020-21		
330	05	CSE	20A54101	Linear Algebra and Calculus	2020-21	R20	I-I
331	05	CSE	20A51101T	Chemistry	2020-21		
332	05	CSE	20A05201T	C-Programming & Data Structures	2020-21		
333	05	CSE	20A02101T	Basic Electrical & Electronics Engineering	2020-21		
334	05	CSE	20A03202	Engineering Workshop	2020-21		
335	05	CSE	20A05202	IT Workshop	2020-21		
336	05	CSE	20A51101P	Chemistry Lab	2020-21		
337	05	CSE	20A05201P	C-Programming & Data Structures Lab	2020-21		
338	05	CSE	20A02101P	Basic Electrical & Electronics Engineering Lab	2020-21		
339	05	CSE	20A54202	Probability & Statistics	2020-21	R20	I-II
340	05	CSE	20A56201T	Applied Physics	2020-21		
341	05	CSE	20A52101T	Communicative English	2020-21		
342	05	CSE	20A05101T	Python Programming & Data Science	2020-21		
343	05	CSE	20A03101T	Engineering Drawing	2020-21		
344	05	CSE	20A03101P	Engineering Graphics Lab	2020-21		
345	05	CSE	20A52101P	Communicative English Lab	2020-21		
346	05	CSE	20A56201P	Applied Physics Lab	2020-21		
347	05	CSE	20A05101P	Python Programming & Data Science Lab	2020-21		
348	05	CSE	20A52201	Universal Human Values	2020-21		
349	05	CSE	19A54303	Mathematical Foundations of Computer Science	2020-21	R19	II-I
350	05	CSE	19A05301	Digital Logic Design	2020-21		
351	05	CSE	19A99304	Design Thinking	2020-21		
352	05	CSE	19A05302T	Database Management Systems	2020-21		
353	05	CSE	19A05303T	Object Oriented Programming Through Java	2020-21		
354	05	CSE	19A05304T	Python Programming	2020-21		
355	05	CSE	19A52301	Universal Human Values	2020-21		
356	05	CSE	19A05302P	Database Management Systems Lab	2020-21		
357	05	CSE	19A05303P	Object Oriented Programming Through Java Lab	2020-21		
358	05	CSE	19A05304P	Python Programming Lab	2020-21		
359	05	CSE	19A99301	Environmental Science	2020-21		
360	05	CSE	19A54401	Number Theory and Applications	2020-21	R19	II-II
361	05	CSE	19A05401	Computer Organization	2020-21		
362	05	CSE	19A05402T	Design and Analysis of Algorithms	2020-21		
363	05	CSE	19A52401	Entrepreneurship	2020-21		
364	05	CSE	19A05403T	Operating Systems	2020-21		
365	05	CSE	19A05404T	Software Engineering	2020-21		
366	05	CSE	19A05403P	Operating Systems Lab	2020-21		
367	05	CSE	19A05404P	Software Engineering Lab	2020-21		
368	05	CSE	19A99302	Biology For Engineers	2020-21		
369	05	CSE	15A05501	Operating Systems	2020-21	R15	III-I
370	05	CSE	15A05502	Computer Networks	2020-21		
371	05	CSE	15A05503	Object Oriented Analysis and Design	2020-21		
372	05	CSE	15A05504	Principles of Programming Languages	2020-21		
373	05	CSE	15A05505	Software Testing	2020-21		
374	05	CSE	15A05506	Introduction to Big Data	2020-21		
375	05	CSE	15A05507	R Programming	2020-21		

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376	05	CSE	15A05508	Introduction to Operations Management	2020-21		
377	05	CSE	15A05509	Object Oriented Analysis and Design & Software Tes	2020-21		
378	05	CSE	15A05510	Operating Systems Laboratory	2020-21		
379	05	CSE	15A99501	Social Values & Ethics (Audit Course)	2020-21		
380	05	CSE	15A05601	Compiler Design	2020-21	R15	III-II
381	05	CSE	15A05602	Data Warehousing & Mining	2020-21		
382	05	CSE	15A05603	Design Patterns	2020-21		
383	05	CSE	15A05604	Design and Analysis of Algorithms	2020-21		
384	05	CSE	15A05605	Web and Internet Technologies	2020-21		
385	05	CSE	15A05606	Artificial Intelligence	2020-21		
386	05	CSE	15A05607	Linux Environment System	2020-21		
387	05	CSE	15A05608	System Applications & Product (SAP)	2020-21		
388	05	CSE	15A01608	Intellectual Property Rights	2020-21		
389	05	CSE	15A05609	Web and Internet Technologies Laboratory	2020-21		
390	05	CSE	15A05610	Data Warehousing & Mining Laboratory	2020-21		
391	05	CSE	15A52602	Advanced English Language Communication Skills(A	2020-21		
392	05	CSE	15A05611	Comprehensive Online Examination-II	2020-21		
393	05	CSE	15A52601	Management Science	2020-21	R15	IV-I
394	05	CSE	15A05701	Grid & Cloud Computing	2020-21		
395	05	CSE	15A05702	Information Security	2020-21		
396	05	CSE	15A05703	Mobile Application Development	2020-21		
397	05	CSE	15A05704	Software Architecture	2020-21		
398	05	CSE	15A05705	Computer Graphics	2020-21		
399	05	CSE	15A05706	Machine Learning	2020-21		
400	05	CSE	15A05707	Software Project Management	2020-21		
401	05	CSE	15A05708	Distributed Systems	2020-21		
402	05	CSE	15A05709	Real Time Systems	2020-21		
403	05	CSE	15A05710	Grid & Cloud Computing Laboratory	2020-21		
404	05	CSE	15A05711	Mobile Application Development Laboratory	2020-21		
405	05	CSE	15A05801	Data Analytics	2020-21	R15	IV-II
406	05	CSE	15A05802	Mobile Computing	2020-21		
407	05	CSE	15A05803	Innovations and IT Management	2020-21		
408	05	CSE	15A05804	Building Large Scale Software Systems	2020-21		
409	05	CSE	15A05805	Enabling Technologies for Data Science & Analytics	2020-21		
410	05	CSE	15A05806	Cyber Security	2020-21		
411	05	CSE	15A05807	Comprehensive Viva-Voce	2020-21		
412	05	CSE	15A05808	Technical Seminar	2020-21		
413	05	CSE	15A05809	Project Work	2020-21		
414	30	AI&DS	20A54101	Linear Algebra and Calculus	2020-21	R20	I-I
415	30	AI&DS	20A51101T	Chemistry	2020-21		
416	30	AI&DS	20A05201T	C-Programming & Data Structures	2020-21		
417	30	AI&DS	20A02101T	Basic Electrical & Electronics Engineering	2020-21		
418	30	AI&DS	20A03202	Engineering Workshop	2020-21		
419	30	AI&DS	20A05202	IT Workshop	2020-21		
420	30	AI&DS	20A51101P	Chemistry Lab	2020-21		
421	30	AI&DS	20A05201P	C-Programming & Data Structures Lab	2020-21		
422	30	AI&DS	20A02101P	Basic Electrical & Electronics Engineering Lab	2020-21		
423	30	AI&DS	20A54202	Probability & Statistics	2020-21	R20	I-II

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424	30	AI&DS	20A56201T	Applied Physics	2020-21		
425	30	AI&DS	20A52101T	Communicative English	2020-21		
426	30	AI&DS	20A05101T	Python Programming & Data Science	2020-21		
427	30	AI&DS	20A03101T	Engineering Drawing	2020-21		
428	30	AI&DS	20A03101P	Engineering Graphics Lab	2020-21		
429	30	AI&DS	20A52101P	Communicative English Lab	2020-21		
430	30	AI&DS	20A56201P	Applied Physics Lab	2020-21		
431	30	AI&DS	20A05101P	Python Programming & Data Science Lab	2020-21		
432	30	AI&DS	20A52201	Universal Human Values	2020-21		
433	20	M.Tech -ST.Eng	17D20101	Advanced Mathematical Methods	2020-21		I-I
434	20	M.Tech -ST.Eng	17D20102	Advanced Structural Analysis	2020-21		
435	20	M.Tech -ST.Eng	17D20103	Theory Of Elasticity And Plasticity	2020-21		
436	20	M.Tech -ST.Eng	17D20104	Theory And Analysis Of Plates	2020-21		
437	20	M.Tech -ST.Eng	17D20105	Experimental Stress Analysis	2020-21		
438	20	M.Tech -ST.Eng	17D20106	Advanced Concrete Technology	2020-21		
439	20	M.Tech -ST.Eng	17D20107	Low Cost Housing Techniques	2020-21		
440	20	M.Tech -ST.Eng	17D20108	Prestressed Concrete	2020-21		
441	20	M.Tech -ST.Eng	17D20109	Maintenance And Rehabilitation Of Structures	2020-21		
442	20	M.Tech -ST.Eng	17D20110	Advanced Foundation Engineering	2020-21		
443	20	M.Tech -ST.Eng	17D20111	Advanced Concrete Laboratory	2020-21		
444	20	M.Tech -ST.Eng	17D20201	Structural Dynamics	2020-21		I-II
445	20	M.Tech -ST.Eng	17D20202	Finite Element Methods	2020-21		
446	20	M.Tech -ST.Eng	17D20203	Stability Of Structures	2020-21		
447	20	M.Tech -ST.Eng	17D20204	Analysis Of Shells And Folded Plates	2020-21		
448	20	M.Tech -ST.Eng	17D20205	Design Of Bridges	2020-21		
449	20	M.Tech -ST.Eng	17D20206	Advanced Structural Design	2020-21		
450	20	M.Tech -ST.Eng	17D20207	Earthquake Resistant Structures	2020-21		
451	20	M.Tech -ST.Eng	17D20208	Advanced Steel Structures	2020-21		
452	20	M.Tech -ST.Eng	17D20209	Building Construction And Management	2020-21		
453	20	M.Tech -ST.Eng	17D20210	Fracture Mechanics	2020-21		
454	20	M.Tech -ST.Eng	17D20211	Structural Design Studio	2020-21		
455	20	M.Tech -ST.Eng	17D20301	Research Methodology	2020-21		
456	20	M.Tech -ST.Eng	17D20302	Human Values & Professional Ethics	2020-21		
457	20	M.Tech -ST.Eng	17D20303	Intellectual Property Rights	2020-21		
458	20	M.Tech -ST.Eng	17D20305	Comprehensive Viva Voce	2020-21		
459	20	M.Tech -ST.Eng	17D20306	Seminar	2020-21		
460	20	M.Tech -ST.Eng	17D20307	Teaching Assignment	2020-21		
461	20	M.Tech -ST.Eng	17D20308	Project Work Phase I	2020-21		
462	20	M.Tech -ST.Eng	17D20401	Project Work Phase II	2020-21	R17	IV SEM
463	07	M.Tech -EPS	17D49101	Advanced Power System Protection	2020-21	R17	I SEM
464	07	M.Tech -EPS	17D49102	Machine Modeling and Analysis	2020-21		
465	07	M.Tech -EPS	17D49103	Optimization & Heuristic Search Techniques	2020-21		
466	07	M.Tech -EPS	17D49104	Restructured Power Systems	2020-21		
467	07	M.Tech -EPS	17D49105	Modern Control Engineering & Principles of Optimal Control	2020-21		
468	07	M.Tech -EPS	17D49106	FACTS Controllers	2020-21		
469	07	M.Tech -EPS	17D49107	Solar Energy Conversion Systems	2020-21		

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470	07	M.Tech -EPS	17D49108	Power System Wide Area Monitoring & Control	2020-21		
471	07	M.Tech -EPS	17D49109	Energy Auditing and Management	2020-21		
472	07	M.Tech -EPS	17D49110	State Estimation Techniques	2020-21		
473	07	M.Tech -EPS	17D49111	Machines & Power Systems Lab	2020-21		
474	07	M.Tech -EPS	17D49201	Reliability Engineering and Application to Power Systems	2020-21	R17	II SEM
475	07	M.Tech -EPS	17D49202	Power Quality	2020-21		
476	07	M.Tech -EPS	17D49203	Smart Grid Technologies	2020-21		
477	07	M.Tech -EPS	17D49204	Power System Stability & Control	2020-21		
478	07	M.Tech -EPS	17D49205	Reactive Power Compensation & Management	2020-21		
479	07	M.Tech -EPS	17D49206	Power System Optimization	2020-21		
480	07	M.Tech -EPS	17D49207	HVDC & EHVAC Transmission Systems	2020-21		
481	07	M.Tech -EPS	17D49208	Distributed Generation & Micro grid Control	2020-21		
482	07	M.Tech -EPS	17D49209	Wind Energy Conversion Systems	2020-21		
483	07	M.Tech -EPS	17D49210	Intelligent Control Techniques	2020-21		
484	07	M.Tech -EPS	17D49211	Power System Simulation Lab	2020-21		
485	07	M.Tech -EPS	17D20301	Research Methodology	2020-21	R17	III SEM
486	07	M.Tech -EPS	17D20302	Human Values and Professional Ethics	2020-21		
487	07	M.Tech -EPS	17D20303	Intellectual Property Rights	2020-21		
488	07	M.Tech -EPS	17D49301	Elective - VI (MOOCS)	2020-21		
489	07	M.Tech -EPS	17D49302	Comprehensive Viva-Voce	2020-21		
490	07	M.Tech -EPS	17D49303	Seminar	2020-21		
491	07	M.Tech -EPS	17D49304	Teaching Assignment	2020-21		
492	07	M.Tech -EPS	17D49305	Project Work Part - I	2020-21		
493	07	M.Tech -EPS	17D49401	Project Work Part - II	2020-21	R17	IV SEM
494	88	ech -Thermal	17D11102	Advanced Thermodynamics	2020-21	R17	I SEM
495	88	ech -Thermal	17D11201	Advanced Heat & Mass Transfer	2020-21		
496	88	ech -Thermal	17D88101	Turbo Machines	2020-21		
497	88	ech -Thermal	17D88102	Fuels, Combustion & Environment	2020-21		
498	88	ech -Thermal	17D88103	Refrigeration & Air Conditioning	2020-21		
499	88	ech -Thermal	17D88104	Equipment design for Thermal Systems	2020-21		
500	88	ech -Thermal	17D11206	Optimization Techniques & its Applications	2020-21		
501	88	ech -Thermal	17D88105	FEA in Thermal Engineering	2020-21		
502	88	ech -Thermal	17D88106	Design of heat exchangers	2020-21		
503	88	ech -Thermal	17D88107	Energy resources	2020-21		
504	88	ech -Thermal	17D88108	Advanced Thermal Engineering Laboratory	2020-21		
505	88	ech -Thermal	17D11209	Advanced I.C. Engines	2020-21	R17	II SEM
506	88	ech -Thermal	17D11204	Computational Fluid Dynamics	2020-21		
507	88	ech -Thermal	17D11108	Instrumentation for thermal Engineering	2020-21		
508	88	ech -Thermal	17D88201	Design of thermal systems	2020-21		
509	88	ech -Thermal	17D17107	Cryogenics Engineering	2020-21		
510	88	ech -Thermal	17D88202	Thermal & Nuclear Power Plants	2020-21		
511	88	ech -Thermal	17D88203	Jet Propulsion & Rocketry	2020-21		
512	88	ech -Thermal	17D88204	Environmental Engineering Pollution Control	2020-21		
513	88	ech -Thermal	17D88205	Alternative energy sources	2020-21		
514	88	ech -Thermal	17D88206	Air craft and space Propulsion	2020-21		
515	88	ech -Thermal	17D88207	Computational Fluid Dynamics Laboratory	2020-21		

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516	88	ech -Thermal	17D20301	Research Methodology	2020-21	R17	III SEM
517	88	ech -Thermal	17D20302	Human Values and Professional Ethics	2020-21		
518	88	ech -Thermal	17D20303	Intellectual Property Rights	2020-21		
519	88	ech -Thermal	17D88301	Elective VI	2020-21		
520	88	ech -Thermal	17D88302	Comprehensive Viva – Voice	2020-21		
521	88	ech -Thermal	17D88303	Seminar	2020-21		
522	88	ech -Thermal	17D88304	Teaching Assignment	2020-21		
523	88	ech -Thermal	17D88305	Project work phase – I	2020-21		
524	88	ech -Thermal	17D88401	Project work Phase – II	2020-21	R17	IV SEM
525	57	A.Tech -VLSI S	17D06101	Structural Digital System Design	2020-21	R17	I SEM
526	57	A.Tech -VLSI S	17D57101	Advanced MOSFET Modeling	2020-21		
527	57	A.Tech -VLSI S	17D57102	CMOS Analog IC Design	2020-21		
528	57	A.Tech -VLSI S	17D57103	CMOS Digital IC Design	2020-21		
529	57	A.Tech -VLSI S	17D57104	VLSI Signal Processing	2020-21		
530	57	A.Tech -VLSI S	17D06103	Advanced Computer Architecture	2020-21		
531	57	A.Tech -VLSI S	17D57105	CAD for VLSI	2020-21		
532	57	A.Tech -VLSI S	17D06202	CPLD and FPGA Architectures and Applications	2020-21		
533	57	A.Tech -VLSI S	17D55206	ASIC Design	2020-21		
534	57	A.Tech -VLSI S	17D57106	Optimization Techniques in VLSI Design	2020-21		
535	57	A.Tech -VLSI S	17D38107	Structural Digital System Design Lab	2020-21		
536	57	A.Tech -VLSI S	17D57107	VLSI System Design Lab - I	2020-21		
537	57	A.Tech -VLSI S	17D57201	Low Power VLSI Design	2020-21	R17	II SEM
538	57	A.Tech -VLSI S	17D57202	CMOS Mixed signal Design	2020-21		
539	57	A.Tech -VLSI S	17D06201	Embedded System Design	2020-21		
540	57	A.Tech -VLSI S	17D06109	Test and Testability	2020-21		
541	57	A.Tech -VLSI S	17D55201	System On Chip Architecture	2020-21		
542	57	A.Tech -VLSI S	17D57203	Semiconductor Memory Design and Testing	2020-21		
543	57	A.Tech -VLSI S	17D57204	RF IC Design	2020-21		
544	57	A.Tech -VLSI S	17D38202	Internet of Things	2020-21		
545	57	A.Tech -VLSI S	17D55204	Hardware and Software Co-design of Embedded	2020-21		
546	57	A.Tech -VLSI S	17D57205	Physical Design Automation	2020-21		
547	57	A.Tech -VLSI S	17D38208	Embedded System Design Lab	2020-21		
548	57	A.Tech -VLSI S	17D57206	VLSI System Design Lab - II	2020-21		
549	57	A.Tech -VLSI S	17D20301	Research Methodology	2020-21	R17	III SEM
550	57	A.Tech -VLSI S	17D20302	Human Values & Professional Ethics	2020-21		
551	57	A.Tech -VLSI S	17D20303	Intellectual Property Rights	2020-21		
552	57	A.Tech -VLSI S	17D57301	ELECTIVE – VI (MOOCs)	2020-21		
553	57	A.Tech -VLSI S	17D57302	Comprehensive Viva Voce	2020-21		
554	57	A.Tech -VLSI S	17D57303	Seminar	2020-21		
555	57	A.Tech -VLSI S	17D57304	Teaching Assignment	2020-21		
556	57	A.Tech -VLSI S	17D57305	Project Work Phase I	2020-21		
557	57	A.Tech -VLSI S	17D57401	Project Work Phase II	2020-21	R17	IV SEM
558	58	M.Tech -CSE	17D08101	Advanced Data Structures and Algorithms	2020-21	R17	I SEM
559	58	M.Tech -CSE	17D25102	Fundamentals of Data Science	2020-21		
560	58	M.Tech -CSE	17D25203	Software Patterns	2020-21		
561	58	M.Tech -CSE	17D25207	Software Project Management	2020-21		
562	58	M.Tech -CSE	17D58101	Information Security	2020-21		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
563	58	M.Tech -CSE	17D58102	Distributed Databases	2020-21		
564	58	M.Tech -CSE	17D08109	Neural Networks	2020-21		
565	58	M.Tech -CSE	17D58103	Professional Aspects In Software Engineering	2020-21		
566	58	M.Tech -CSE	17D08206	Artificial Intelligence	2020-21		
567	58	M.Tech -CSE	17D08104	Internals of Operating Systems	2020-21		
568	58	M.Tech -CSE	17D58104	Multicore Architecture & Programming	2020-21		
569	58	M.Tech -CSE	17D08110	Advance Data Structures & Algorithms Lab	2020-21		
570	58	M.Tech -CSE	17D58105	R & Analytics Lab	2020-21		
571	58	M.Tech -CSE	17D25214	Software Patterns Lab	2020-21		
572	58	M.Tech -CSE	17D08203	Cloud Computing	2020-21	R17	II SEM
573	58	M.Tech -CSE	17D25208	Big Data Analytics	2020-21		
574	58	M.Tech -CSE	17D08201	Mobile Application Development	2020-21		
575	58	M.Tech -CSE	17D25206	Internet of Things	2020-21		
576	58	M.Tech -CSE	17D25201	Advances in Software Testing	2020-21		
577	58	M.Tech -CSE	17D08103	Network Security & Cryptography	2020-21		
578	58	M.Tech -CSE	17D58201	NOSQL databases	2020-21		
579	58	M.Tech -CSE	17D08208	Machine Learning	2020-21		
580	58	M.Tech -CSE	17D58202	Distributed Computing	2020-21		
581	58	M.Tech -CSE	17D25210	Software Configuration Management	2020-21		
582	58	M.Tech -CSE	17D58203	Natural Language Processing	2020-21		
583	58	M.Tech -CSE	17D08212	Map Reduce Programming Lab	2020-21		
584	58	M.Tech -CSE	17D58204	SPARK Programming Lab	2020-21		
585	58	M.Tech -CSE	17D08210	Mobile Application Development Lab	2020-21		
586	58	M.Tech -CSE	17D20301	Research Methodology	2020-21	R17	III SEM
587	58	M.Tech -CSE	17D20302	Human Values & Professional Ethics	2020-21		
588	58	M.Tech -CSE	17D20303	Intellectual Property Rights	2020-21		
589	58	M.Tech -CSE	17D58301	Elective-VI (MOOCs)	2020-21		
590	58	M.Tech -CSE	17D58302	Comprehensive Viva-Voice	2020-21		
591	58	M.Tech -CSE	17D58303	Seminar	2020-21		
592	58	M.Tech -CSE	17D58304	Teaching Assignment	2020-21		
593	58	M.Tech -CSE	17D58305	Project work Phase-I	2020-21		
594	58	M.Tech -CSE	17D58401	Project work Phase - II	2020-21	R17	IV SEM


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LIST OF COURSES OFFERED FOR A.Y. 2019-20

S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
1	01	CIVIL	19A54101	Algebra and Calculus	2019-20	R19	I-I
2	01	CIVIL	19A56102T	Engineering Physics	2019-20		
3	01	CIVIL	19A05101T	Problem Solving & Programming	2019-20		
4	01	CIVIL	19A52101T	Communicative English 1	2019-20		
5	01	CIVIL	19A03101	Engineering Workshop	2019-20		
6	01	CIVIL	19A56102P	Engineering Physics Lab	2019-20		
7	01	CIVIL	19A05101P	Problem Solving & Programming Lab	2019-20		
8	01	CIVIL	19A52101P	Communicative English 1 Lab	2019-20		
9	01	CIVIL	19A02201T	Basic Electrical & Electronics Engineering	2019-20	R19	I-II
10	01	CIVIL	19A54201	Differential Equations and Vector Calculus	2019-20		
11	01	CIVIL	19A51101T	Engineering Chemistry	2019-20		
12	01	CIVIL	19A05201T	Data Structures	2019-20		
13	01	CIVIL	19A01201	Civil Engineering Workshop	2019-20		
14	01	CIVIL	19A03102	Engineering Graphics Lab	2019-20		
15	01	CIVIL	19A02201P	Basic Electrical & Electronics Engineering Lab	2019-20		
16	01	CIVIL	19A51101P	Engineering Chemistry Lab	2019-20		
17	01	CIVIL	19A05201P	Data Structures Lab	2019-20		
18	01	CIVIL	15A54301	Mathematics - III	2019-20	R15	II-I
19	01	CIVIL	15A01301	Electrical and Mechanical Technology	2019-20		
20	01	CIVIL	15A01302	Building Materials and Construction	2019-20		
21	01	CIVIL	15A01303	Strength of materials - I	2019-20		
22	01	CIVIL	15A01304	Surveying - I	2019-20		
23	01	CIVIL	15A01305	Fluid Mechanics	2019-20		
24	01	CIVIL	15A01306	Surveying Laboratory - I	2019-20		
25	01	CIVIL	15A01307	Strength of Materials Laboratory	2019-20		
26	01	CIVIL	15A54401	Probability and Statistics	2019-20	R15	II-II
27	01	CIVIL	15A52301	Managerial Economics & Financial Analysis	2019-20		
28	01	CIVIL	15A01401	Strength of Materials - II	2019-20		
29	01	CIVIL	15A01402	Surveying - II	2019-20		
30	01	CIVIL	15A01403	Structural Analysis - I	2019-20		
31	01	CIVIL	15A01404	Hydraulics & Hydraulic Machinery	2019-20		
32	01	CIVIL	15A01405	Fluid Mechanics & Hydraulic Machinery	2019-20		
33	01	CIVIL	15A01406	Surveying Laboratory - II	2019-20		
34	01	CIVIL	15A01407	Comprehensive Online Examination-I	2019-20		
35	01	CIVIL	15A01501	Design and Drawing of RCC Structures	2019-20	R15	III-I
36	01	CIVIL	15A01502	Estimation, Costing and Valuation	2019-20		
37	01	CIVIL	15A01503	Geotechnical Engineering - I	2019-20		
38	01	CIVIL	15A01504	Engineering Geology	2019-20		
39	01	CIVIL	15A01505	Structural Analysis - II	2019-20		
40	01	CIVIL	15A01506	Cost Effective Housing Techniques	2019-20		
41	01	CIVIL	15A01507	Water Harvesting and Conservation	2019-20		
42	01	CIVIL	15A01508	Engineering Geology Laboratory	2019-20		
43	01	CIVIL	15A01509	Geotechnical Engineering Laboratory	2019-20		
44	01	CIVIL	15A99501	Audit course - Social Values & Ethics	2019-20		
45	01	CIVIL	15A01601	Concrete Technology	2019-20	R15	III-II
46	01	CIVIL	15A01602	Design and Drawing of Steel Structures	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
47	01	CIVIL	15A01603	Geotechnical Engineering – II	2019-20		
48	01	CIVIL	15A01604	Transportation Engineering - I	2019-20		
49	01	CIVIL	15A01605	Water Resources Engineering – I	2019-20		
50	01	CIVIL	15A01606	Remote Sensing & GIS	2019-20		
51	01	CIVIL	15A01607	Disaster Management & Mitigation	2019-20		
52	01	CIVIL	15A01608	Intellectual Property Rights	2019-20		
53	01	CIVIL	15A01609	Concrete Technology Laboratory	2019-20		
54	01	CIVIL	15A01610	Transportation Engineering Laboratory	2019-20		
55	01	CIVIL	15A52602	Advanced English Language Communication Skills	2019-20		
56	01	CIVIL	15A01611	Comprehensive Online Examination-II	2019-20		
57	01	CIVIL	15A01701	Finite Element Methods	2019-20	R15	IV-I
58	01	CIVIL	15A01702	Transportation Engineering - II	2019-20		
59	01	CIVIL	15A01703	Environmental Engineering	2019-20		
60	01	CIVIL	15A01704	Water Resources Engineering – II	2019-20		
61	01	CIVIL	15A01705	Design and Drawing of Irrigation Structures	2019-20		
62	01	CIVIL	15A01706	Ground improvement techniques	2019-20		
63	01	CIVIL	15A01707	Air Pollution and Quality Control	2019-20		
64	01	CIVIL	15A01708	Bridge Engineering	2019-20		
65	01	CIVIL	15A01709	Earth Quake Resistant Design of Structures	2019-20		
66	01	CIVIL	15A01710	Rehabilitation and Retrofitting of Structures	2019-20		
67	01	CIVIL	15A01711	CAD Laboratory	2019-20		
68	01	CIVIL	15A01712	Environmental Engineering Laboratory	2019-20		
69	01	CIVIL	15A01801	Urban Transportation Planning	2019-20	R15	IV-II
70	01	CIVIL	15A01802	Advanced Structural Engineering	2019-20		
71	01	CIVIL	15A01803	Prestressed Concrete	2019-20		
72	01	CIVIL	15A01804	Environmental Impact Assessment and	2019-20		
73	01	CIVIL	15A01805	Comprehensive Viva Voce	2019-20		
74	01	CIVIL	15A01806	Technical Seminar	2019-20		
75	01	CIVIL	15A01807	Project Work	2019-20		
76	01	CIVIL	15A01808	Survey Camp	2019-20		
77	02	EEE	19A54101	Algebra & Calculus	2019-20	R19	I-I
78	02	EEE	19A56101T	Applied Physics	2019-20		
79	02	EEE	19A05101T	Problem Solving & Programming	2019-20		
80	02	EEE	19A52101T	Communicative English 1	2019-20		
81	02	EEE	19A02101	Electrical & Electronics Engineering Workshop	2019-20		
82	02	EEE	19A56101P	Applied Physics Lab	2019-20		
83	02	EEE	19A05101P	Problem Solving & Programming Lab	2019-20		
84	02	EEE	19A52101P	Communicative English 1 Lab	2019-20		
85	02	EEE	19A01201T	Basic Civil & Mechanical Engineering	2019-20	R19	I-II
86	02	EEE	19A54201	Differential Equations and Vector Calculus	2019-20		
87	02	EEE	19A51102T	Chemistry	2019-20		
88	02	EEE	19A05201T	Data Structures	2019-20		
89	02	EEE	19A03101	Engineering Workshop	2019-20		
90	02	EEE	19A03102	Engineering Graphics Lab	2019-20		
91	02	EEE	19A01201P	Basic Civil & Mechanical Engineering Lab	2019-20		
92	02	EEE	19A51102P	Chemistry Lab	2019-20		
93	02	EEE	19A05201P	Data Structures Lab	2019-20		
94	02	EEE	15A54301	Mathematics –III	2019-20	R15	II-I

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
95	02	EEE	15A02301	Electrical Circuits – II	2019-20		
96	02	EEE	15A02302	Electrical Machines – I	2019-20		
97	02	EEE	15A02303	Control Systems Engineering	2019-20		
98	02	EEE	15A04301	Electronic Devices & Circuits	2019-20		
99	02	EEE	15A05201	Data Structures	2019-20		
100	02	EEE	15A02305	Electric Circuits Simulation Laboratory	2019-20		
101	02	EEE	15A04305	Electronic Devices & Circuits Laboratory	2019-20		
102	02	EEE	15A54402	Mathematics – IV	2019-20	R15	II-II
103	02	EEE	15A52301	Managerial Economics and Financial Analysis	2019-20		
104	02	EEE	15A02401	Electrical Machines – II	2019-20		
105	02	EEE	15A02402	Electrical Power Generating Systems	2019-20		
106	02	EEE	15A02403	Electromagnetic Fields	2019-20		
107	02	EEE	15A04409	Analog Electronic Circuits	2019-20		
108	02	EEE	15A02404	Electrical Machines Laboratory – I	2019-20		
109	02	EEE	15A02405	Control Systems & Simulation Laboratory	2019-20		
110	02	EEE	15A02406	Comprehensive Online Examination – I	2019-20		
111	02	EEE	15A02501	Electrical Measurements	2019-20	R15	III-I
112	02	EEE	15A04509	Linear & Digital IC Applications	2019-20		
113	02	EEE	15A02502	Electrical Power Transmission Systems	2019-20		
114	02	EEE	15A02503	Power Electronics	2019-20		
115	02	EEE	15A02504	Electrical Machines – III	2019-20		
116	02	EEE	15A04510	Digital Circuits and Systems	2019-20		
117	02	EEE	15A02505	Networks Signals and Systems	2019-20		
118	02	EEE	15A02506	Electrical Machines Laboratory – II	2019-20		
119	02	EEE	15A02507	Electrical Measurements Laboratory	2019-20		
120	02	EEE	15A99501	Audit course – Social Values & Ethics	2019-20		
121	02	EEE	15A52601	Management Science	2019-20	R15	III-II
122	02	EEE	15A02601	Power Semiconductor Drives	2019-20		
123	02	EEE	15A02602	Power System Protection	2019-20		
124	02	EEE	15A04601	Microprocessors & Microcontrollers	2019-20		
125	02	EEE	15A02603	Power System Analysis	2019-20		
126	02	EEE	15A02604	Neural Networks & Fuzzy Logic	2019-20		
127	02	EEE	15A02605	Programmable Logic Controller & Its Applications	2019-20		
128	02	EEE	15A02606	Optimization Techniques	2019-20		
129	02	EEE	15A01608	Intellectual Property Rights	2019-20		
130	02	EEE	15A04607	Microprocessors & Microcontrollers Laboratory	2019-20		
131	02	EEE	15A02607	Power Electronics & Simulation Laboratory	2019-20		
132	02	EEE	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2019-20		
133	02	EEE	15A02608	Comprehensive Online Examination - II	2019-20		
134	02	EEE	15A02701	Electrical Distribution Systems	2019-20	R15	IV-I
135	02	EEE	15A04603	Digital Signal Processing	2019-20		
136	02	EEE	15A02702	Power System Operation and Control	2019-20		
137	02	EEE	15A02703	Utilization of Electrical Energy	2019-20		
138	02	EEE	15A02704	Modern Control Theory	2019-20		
139	02	EEE	15A02705	Switched Mode Power Converters	2019-20		
140	02	EEE	15A02706	Energy Auditing & Demand Side Management	2019-20		
141	02	EEE	15A02707	Smart Grid	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
142	02	EEE	15A02708	Flexible AC Transmission Systems	2019-20		
143	02	EEE	15A02709	Power Quality	2019-20		
144	02	EEE	15A04608	Digital Signal Processing Laboratory	2019-20		
145	02	EEE	15A02710	Power Systems & Simulation Laboratory	2019-20		
146	02	EEE	15A02801	Instrumentation	2019-20	R15	IV-II
147	02	EEE	15A02802	Power System Dynamics and Control	2019-20		
148	02	EEE	15A02803	Industrial Automation & Control	2019-20		
149	02	EEE	15A02804	HVDC Transmission	2019-20		
150	02	EEE	15A04702	Embedded Systems	2019-20		
151	02	EEE	15A02805	Energy Resources & Technology	2019-20		
152	02	EEE	15A02806	Comprehensive Viva Voce	2019-20		
153	02	EEE	15A02807	Technical Seminar	2019-20		
154	02	EEE	15A02808	Project Work	2019-20		
155	03	ME	19A54101	Algebra and Calculus	2019-20	R19	I-I
156	03	ME	19A51101T	Engineering Chemistry	2019-20		
157	03	ME	19A05101T	Problem Solving & Programming	2019-20		
158	03	ME	19A03102	Engineering Graphics Lab	2019-20		
159	03	ME	19A03101	Engineering Workshop	2019-20		
160	03	ME	19A51101P	Engineering Chemistry Lab	2019-20		
161	03	ME	19A05101P	Problem Solving & Programming Lab	2019-20		
162	03	ME	19A02201T	Basic Electrical & Electronics Engineering	2019-20	R19	I-II
163	03	ME	19A54201	Differential Equations and Vector Calculus	2019-20		
164	03	ME	19A56102T	Engineering Physics	2019-20		
165	03	ME	19A05201T	Data Structures	2019-20		
166	03	ME	19A52101T	Communicative English 1	2019-20		
167	03	ME	19A52101P	Communicative English 1 Lab	2019-20		
168	03	ME	19A03201	Mechanical Engineering Workshop	2019-20		
169	03	ME	19A02201P	Basic Electrical & Electronics Engineering Lab	2019-20		
170	03	ME	19A56102P	Engineering Physics Lab	2019-20		
171	03	ME	19A05201P	Data Structures Lab	2019-20		
172	03	ME	15A54301	Mathematics - III	2019-20	R15	II-I
173	03	ME	15A52301	Managerial Economics & Financial Analysis	2019-20		
174	03	ME	15A01308	Mechanics of Solids	2019-20		
175	03	ME	15A03301	Engineering Drawing for Mechanical Engineers	2019-20		
176	03	ME	15A03302	Engineering Mechanics	2019-20		
177	03	ME	15A03303	Thermodynamics	2019-20		
178	03	ME	15A01309	Mechanics of Solids Lab	2019-20		
179	03	ME	15A03304	Computer Aided Drafting Lab	2019-20		
180	03	ME	15A54401	Probability and Statistics	2019-20	R15	II-II
181	03	ME	15A99301	Basic Electrical and Electronics Engineering	2019-20		
182	03	ME	15A03401	Machine Drawing	2019-20		
183	03	ME	15A03402	Kinematics of Machines	2019-20		
184	03	ME	15A03403	Thermal Engineering - 1	2019-20		
185	03	ME	15A03404	Manufacturing Technology	2019-20		
186	03	ME	15A03405	Thermal Engineering Laboratory	2019-20		
187	03	ME	15A03406	Manufacturing Technology Laboratory	2019-20		
188	03	ME	15A03407	Comprehensive Online Examination-I	2019-20		

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189	03	ME	15A01510	Fluid Mechanics and Hydraulic Machines	2019-20	R15	III-I
190	03	ME	15A03501	Thermal Engineering - II	2019-20		
191	03	ME	15A03502	Dynamics of Machinery	2019-20		
192	03	ME	15A03503	Machine Tools	2019-20		
193	03	ME	15A03504	Design of Machine Members - I	2019-20		
194	03	ME	15A03505	Entrepreneurship	2019-20		
195	03	ME	15A03506	Nano Technology	2019-20		
196	03	ME	15A03507	Micro Electro Mechanical Systems	2019-20		
197	03	ME	15A01511	Fluid Mechanics and Hydraulic Machines	2019-20		
198	03	ME	15A03508	Machine Tools Laboratory	2019-20		
199	03	ME	15A99501	Audit course – Social Values & Ethics	2019-20		
200	03	ME	15A03601	Operations Research	2019-20	R15	III-II
201	03	ME	15A03602	Design of Machine Members – II	2019-20		
202	03	ME	15A03603	Heat Transfer	2019-20		
203	03	ME	15A03604	Finite Element Method	2019-20		
204	03	ME	15A03605	Metal forming Process	2019-20		
205	03	ME	15A03606	Non Conventional Source of Energy	2019-20		
206	03	ME	15A03607	Total Quality Management	2019-20		
207	03	ME	15A03608	Mechatronics	2019-20		
208	03	ME	15A01608	Intellectual Property Rights	2019-20		
209	03	ME	15A03609	Heat Transfer Laboratory	2019-20		
210	03	ME	15A03610	Computer Aided Engineering Laboratory	2019-20		
211	03	ME	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2019-20		
212	03	ME	15A03611	Comprehensive Online Examination - II	2019-20		
213	03	ME	15A52601	Management Science	2019-20	R15	IV-I
214	03	ME	15A03701	Automobile Engineering	2019-20		
215	03	ME	15A03702	CAD/CAM	2019-20		
216	03	ME	15A03703	Metrology and Measurements	2019-20		
217	03	ME	15A03704	Refrigeration and Air – Conditioning	2019-20		
218	03	ME	15A03705	Tool Design	2019-20		
219	03	ME	15A03706	Modern Manufacturing Methods	2019-20		
220	03	ME	15A03707	Computational Fluid Dynamics	2019-20		
221	03	ME	15A03708	Automation and Robotics	2019-20		
222	03	ME	15A03709	Production & Operations Management	2019-20		
223	03	ME	15A03710	CAD/ CAM Laboratory	2019-20		
224	03	ME	15A03711	Metrology and Measurements Laboratory	2019-20		
225	03	ME	15A03801	Industrial Engineering	2019-20	R15	IV-II
226	03	ME	15A03802	Product Design	2019-20		
227	03	ME	15A03803	Composite Materials	2019-20		
228	03	ME	15A03804	Power Plant Engineering	2019-20		
229	03	ME	15A03805	Gas Turbines and Jet Propulsion	2019-20		
230	03	ME	15A03806	Energy Management	2019-20		
231	03	ME	15A03807	Comprehensive Viva Voce	2019-20		
232	03	ME	15A03808	Technical Seminar	2019-20		
233	03	ME	15A03809	Project work	2019-20		
234	04	ECE	19A54101	Algebra & Calculus	2019-20	R19	I-I

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
235	04	ECE	19A56101T	Applied Physics	2019-20		
236	04	ECE	19A05101T	Problem Solving & Programming	2019-20		
237	04	ECE	19A52101T	Communicative English 1	2019-20		
238	04	ECE	19A04101	Electronics & Communication Engineering	2019-20		
239	04	ECE	19A56101P	Applied Physics Lab	2019-20		
240	04	ECE	19A05101P	Problem Solving & Programming Lab	2019-20		
241	04	ECE	19A52101P	Communicative English 1 Lab	2019-20		
242	04	ECE	19A04201T	Network Theory	2019-20	R19	I-II
243	04	ECE	19A54201	Differential Equations and Vector Calculus	2019-20		
244	04	ECE	19A51102T	Chemistry	2019-20		
245	04	ECE	19A05201T	Data Structures	2019-20		
246	04	ECE	19A03101	Engineering Workshop	2019-20		
247	04	ECE	19A03102	Engineering Graphics Lab	2019-20		
248	04	ECE	19A04201P	Network Theory Lab	2019-20		
249	04	ECE	19A51102P	Chemistry Lab	2019-20		
250	04	ECE	19A05201P	Data Structures Lab	2019-20		
251	04	ECE	15A54301	Mathematics-III	2019-20	R15	II-I
252	04	ECE	15A04301	Electronic Devices and Circuits	2019-20		
253	04	ECE	15A04302	Switching Theory and Logic Design	2019-20		
254	04	ECE	15A04303	Signals and Systems	2019-20		
255	04	ECE	15A04304	Probability Theory and Stochastic Processes	2019-20		
256	04	ECE	15A02306	Electrical Technology	2019-20		
257	04	ECE	15A04305	Electronic Devices and Circuits Laboratory	2019-20		
258	04	ECE	15A02307	Electrical Technology and Basic Simulation Laboratory	2019-20		
259	04	ECE	15A54402	Mathematics-IV	2019-20	R15	II-II
260	04	ECE	15A04401	Electronic Circuit Analysis	2019-20		
261	04	ECE	15A04402	Analog Communication Systems	2019-20		
262	04	ECE	15A04403	Electromagnetic Theory and Transmission Lines	2019-20		
263	04	ECE	15A05201	Data Structures	2019-20		
264	04	ECE	15A02303	Control Systems Engineering	2019-20		
265	04	ECE	15A04404	Electronic Circuit Analysis Laboratory	2019-20		
266	04	ECE	15A04405	Analog Communication Systems Laboratory	2019-20		
267	04	ECE	15A04406	Comprehensive Online Examination-I	2019-20		
268	04	ECE	15A04511	Computer Organization	2019-20	R15	III-I
269	04	ECE	15A04501	Antennas and Wave Propagation	2019-20		
270	04	ECE	15A04502	Digital Communication Systems	2019-20		
271	04	ECE	15A04503	Linear Integrated Circuits and Applications	2019-20		
272	04	ECE	15A04504	Digital System Design	2019-20		
273	04	ECE	15A04505	Linux Programming & Scripting	2019-20		
274	04	ECE	15A04506	MEMS & Microsystems	2019-20		
275	04	ECE	15A04507	IC Applications Laboratory	2019-20		
276	04	ECE	15A04508	Digital Communication Systems Laboratory	2019-20		
277	04	ECE	15A99501	Audit course – Social Values & Ethics	2019-20		
278	04	ECE	15A52301	Managerial Economics and Financial Analysis	2019-20	R15	III-II
279	04	ECE	15A04601	Microprocessors & Microcontrollers	2019-20		
280	04	ECE	15A04602	Electronic Measurements and Instrumentation	2019-20		
281	04	ECE	15A04603	Digital Signal Processing	2019-20		
282	04	ECE	15A04604	VLSI Design	2019-20		
283	04	ECE	15A04605	MATLAB Programming	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
284	04	ECE	15A04606	Industrial Electronics	2019-20		
285	04	ECE	15A04610	Neural Networks & Fuzzy Systems	2019-20		
286	04	ECE	15A01608	Intellectual Property Rights	2019-20		
287	04	ECE	15A04607	Microprocessors & Microcontrollers Laboratory	2019-20		
288	04	ECE	15A04608	Digital Signal Processing Laboratory	2019-20		
289	04	ECE	15A52602	Advanced English Language Communication Skills	2019-20		
290	04	ECE	15A04609	Comprehensive Online Examination-II	2019-20		
291	04	ECE	15A04701	Optical Fiber Communication	2019-20	R15	IV-I
292	04	ECE	15A04702	Embedded Systems	2019-20		
293	04	ECE	15A04703	Microwave Engineering	2019-20		
294	04	ECE	15A04704	Data Communications and Networking	2019-20		
295	04	ECE	15A04705	Radar Systems	2019-20		
296	04	ECE	15A04706	Adaptive Signal Processing	2019-20		
297	04	ECE	15A04707	FPGA Design	2019-20		
298	04	ECE	15A04708	Digital Image Processing	2019-20		
299	04	ECE	15A04709	Cellular & Mobile Communication	2019-20		
300	04	ECE	15A04710	Real Time Systems	2019-20		
301	04	ECE	15A04711	Microwave and Optical Communication	2019-20		
302	04	ECE	15A04712	VLSI & Embedded Systems Laboratory	2019-20		
303	04	ECE	15A04801	Advanced Digital Signal Processing- Multirate &	2019-20	R15	IV-II
304	04	ECE	15A04802	Low Power VLSI Circuits & Systems	2019-20		
305	04	ECE	15A04803	Pattern Recognition & Applications	2019-20		
306	04	ECE	15A04804	RF Integrated Circuits	2019-20		
307	04	ECE	15A04805	Comprehensive Viva Voce	2019-20		
308	04	ECE	15A04806	Technical Seminar	2019-20		
309	04	ECE	15A04807	Project Work	2019-20		
310	05	CSE	19A54101	Algebra and Calculus	2019-20	R19	I-I
311	05	CSE	19A51102T	Chemistry	2019-20		
312	05	CSE	19A05101T	Problem Solving & Programming	2019-20		
313	05	CSE	19A03102	Engineering Graphics Lab	2019-20		
314	05	CSE	19A03101	Engineering Workshop	2019-20		
315	05	CSE	19A51102P	Chemistry Lab	2019-20		
316	05	CSE	19A05101P	Problem Solving & Programming Lab	2019-20		
317	05	CSE	19A02201T	Basic Electrical and Electronics Engineering	2019-20	R19	I-II
318	05	CSE	19A54202	Probability and Statistics	2019-20		
319	05	CSE	19A56101T	Applied Physics	2019-20		
320	05	CSE	19A05201T	Data Structures	2019-20		
321	05	CSE	19A52101T	Communicative English - I	2019-20		
322	05	CSE	19A05202	Computer Science and Engineering Workshop	2019-20		
323	05	CSE	19A52101P	Communicative English - I Lab	2019-20		
324	05	CSE	19A02201P	Basic Electrical & Electronics Engineering Lab	2019-20		
325	05	CSE	19A56101P	Applied Physics Lab	2019-20		
326	05	CSE	19A05201P	Data Structures Lab	2019-20		
327	05	CSE	15A54301	Mathematics III	2019-20	R15	II-I
328	05	CSE	15A05301	Database Management Systems	2019-20		
329	05	CSE	15A05302	Discrete Mathematics	2019-20		
330	05	CSE	15A99301	Basic Electrical and Electronics Engineering	2019-20		
331	05	CSE	15A04306	Digital Logic Design	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
332	05	CSE	15A52301	Managerial Economics and Financial Analysis	2019-20		
333	05	CSE	15A05303	Database Management Systems Laboratory	2019-20		
334	05	CSE	15A99302	Basic Electrical and Electronics Laboratory	2019-20		
335	05	CSE	15A54401	Probability and Statistics	2019-20	R15	II-II
336	05	CSE	15A05401	Software Engineering	2019-20		
337	05	CSE	15A05402	Computer Organization	2019-20		
338	05	CSE	15A04407	Microprocessors & Interfacing	2019-20		
339	05	CSE	15A05403	Object Oriented Programming using Java	2019-20		
340	05	CSE	15A05404	Formal Languages and Automata Theory	2019-20		
341	05	CSE	15A04408	Microprocessors & Interfacing Laboratory	2019-20		
342	05	CSE	15A05405	Java Programming Laboratory	2019-20		
343	05	CSE	15A05406	Comprehensive Online Examination-I	2019-20		
344	05	CSE	15A05501	Operating Systems	2019-20	R15	III-I
345	05	CSE	15A05502	Computer Networks	2019-20		
346	05	CSE	15A05503	Object Oriented Analysis and Design	2019-20		
347	05	CSE	15A05504	Principles of Programming Languages	2019-20		
348	05	CSE	15A05505	Software Testing	2019-20		
349	05	CSE	15A05506	Introduction to Big Data	2019-20		
350	05	CSE	15A05507	R Programming	2019-20		
351	05	CSE	15A05508	Introduction to Operations Management	2019-20		
352	05	CSE	15A05509	Object Oriented Analysis and Design & Software Te	2019-20		
353	05	CSE	15A05510	Operating Systems Laboratory	2019-20		
354	05	CSE	15A99501	Social Values & Ethics (Audit Course)	2019-20		
355	05	CSE	15A05601	Compiler Design	2019-20	R15	III-II
356	05	CSE	15A05602	Data Warehousing & Mining	2019-20		
357	05	CSE	15A05603	Design Patterns	2019-20		
358	05	CSE	15A05604	Design and Analysis of Algorithms	2019-20		
359	05	CSE	15A05605	Web and Internet Technologies	2019-20		
360	05	CSE	15A05606	Artificial Intelligence	2019-20		
361	05	CSE	15A05607	Linux Environment System	2019-20		
362	05	CSE	15A05608	System Applications & Product (SAP)	2019-20		
363	05	CSE	15A01608	Intellectual Property Rights	2019-20		
364	05	CSE	15A05609	Web and Internet Technologies Laboratory	2019-20		
365	05	CSE	15A05610	Data Warehousing & Mining Laboratory	2019-20		
366	05	CSE	15A52602	Advanced English Language Communication Skills(	2019-20		
367	05	CSE	15A05611	Comprehensive Online Examination-II	2019-20		
368	05	CSE	15A52601	Management Science	2019-20	R15	IV-I
369	05	CSE	15A05701	Grid & Cloud Computing	2019-20		
370	05	CSE	15A05702	Information Security	2019-20		
371	05	CSE	15A05703	Mobile Application Development	2019-20		
372	05	CSE	15A05704	Software Architecture	2019-20		
373	05	CSE	15A05705	Computer Graphics	2019-20		
374	05	CSE	15A05706	Machine Learning	2019-20		
375	05	CSE	15A05707	Software Project Management	2019-20		
376	05	CSE	15A05708	Distributed Systems	2019-20		
377	05	CSE	15A05709	Real Time Systems	2019-20		
378	05	CSE	15A05710	Grid & Cloud Computing Laboratory	2019-20		
379	05	CSE	15A05711	Mobile Application Development Laboratory	2019-20		
380	05	CSE	15A05801	Data Analytics	2019-20	R15	IV-II

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
381	05	CSE	15A05802	Mobile Computing	2019-20		
382	05	CSE	15A05803	Innovations and IT Management	2019-20		
383	05	CSE	15A05804	Building Large Scale Software Systems	2019-20		
384	05	CSE	15A05805	Enabling Technologies for Data Science &	2019-20		
385	05	CSE	15A05806	Cyber Security	2019-20		
386	05	CSE	15A05807	Comprehensive Viva-Voce	2019-20		
387	05	CSE	15A05808	Technical Seminar	2019-20		
388	05	CSE	15A05809	Project Work	2019-20		
389	20	Tech -ST.Er	17D20101	Advanced Mathematical Methods	2019-20		I-I
390	20	Tech -ST.Er	17D20102	Advanced Structural Analysis	2019-20		
391	20	Tech -ST.Er	17D20103	Theory Of Elasticity And Plasticity	2019-20		
392	20	Tech -ST.Er	17D20104	Theory And Analysis Of Plates	2019-20		
393	20	Tech -ST.Er	17D20105	Experimental Stress Analysis	2019-20		
394	20	Tech -ST.Er	17D20106	Advanced Concrete Technology	2019-20		
395	20	Tech -ST.Er	17D20107	Low Cost Housing Techniques	2019-20		
396	20	Tech -ST.Er	17D20108	Prestressed Concrete	2019-20		
397	20	Tech -ST.Er	17D20109	Maintenance And Rehabilitation Of Structures	2019-20		
398	20	Tech -ST.Er	17D20110	Advanced Foundation Engineering	2019-20		
399	20	Tech -ST.Er	17D20111	Advanced Concrete Laboratory	2019-20		
400	20	Tech -ST.Er	17D20201	Structural Dynamics	2019-20		I-II
401	20	Tech -ST.Er	17D20202	Finite Element Methods	2019-20		
402	20	Tech -ST.Er	17D20203	Stability Of Structures	2019-20		
403	20	Tech -ST.Er	17D20204	Analysis Of Shells And Folded Plates	2019-20		
404	20	Tech -ST.Er	17D20205	Design Of Bridges	2019-20		
405	20	Tech -ST.Er	17D20206	Advanced Structural Design	2019-20		
406	20	Tech -ST.Er	17D20207	Earthquake Resistant Structures	2019-20		
407	20	Tech -ST.Er	17D20208	Advanced Steel Structures	2019-20		
408	20	Tech -ST.Er	17D20209	Building Construction And Management	2019-20		
409	20	Tech -ST.Er	17D20210	Fracture Mechanics	2019-20		
410	20	Tech -ST.Er	17D20211	Structural Design Studio	2019-20		
411	20	Tech -ST.Er	17D20301	Research Methodology	2019-20		
412	20	Tech -ST.Er	17D20302	Human Values & Professional Ethics	2019-20		
413	20	Tech -ST.Er	17D20303	Intellectual Property Rights	2019-20		
414	20	Tech -ST.Er	17D20305	Comprehensive Viva Voce	2019-20		
415	20	Tech -ST.Er	17D20306	Seminar	2019-20		
416	20	Tech -ST.Er	17D20307	Teaching Assignment	2019-20		
417	20	Tech -ST.Er	17D20308	Project Work Phase I	2019-20		
418	20	Tech -ST.Er	17D20401	Project Work Phase II	2019-20	R17	IV SEM
419	07	M.Tech -EP	17D49101	Advanced Power System Protection	2019-20	R17	I SEM
420	07	M.Tech -EP	17D49102	Machine Modeling and Analysis	2019-20		
421	07	M.Tech -EP	17D49103	Optimization & Heuristic Search Techniques	2019-20		
422	07	M.Tech -EP	17D49104	Restructured Power Systems	2019-20		
423	07	M.Tech -EP	17D49105	Modern Control Engineering & Principles of Optimal Control	2019-20		
424	07	M.Tech -EP	17D49106	FACTS Controllers	2019-20		
425	07	M.Tech -EP	17D49107	Solar Energy Conversion Systems	2019-20		
426	07	M.Tech -EP	17D49108	Power System Wide Area Monitoring & Control	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
427	07	M.Tech -EP	17D49109	Energy Auditing and Management	2019-20		
428	07	M.Tech -EP	17D49110	State Estimation Techniques	2019-20		
429	07	M.Tech -EP	17D49111	Machines & Power Systems Lab	2019-20		
430	07	M.Tech -EP	17D49201	Reliability Engineering and Application to Power	2019-20	R17	II SEM
431	07	M.Tech -EP	17D49202	Power Quality	2019-20		
432	07	M.Tech -EP	17D49203	Smart Grid Technologies	2019-20		
433	07	M.Tech -EP	17D49204	Power System Stability & Control	2019-20		
434	07	M.Tech -EP	17D49205	Reactive Power Compensation & Management	2019-20		
435	07	M.Tech -EP	17D49206	Power System Optimization	2019-20		
436	07	M.Tech -EP	17D49207	HVDC & EHVAC Transmission Systems	2019-20		
437	07	M.Tech -EP	17D49208	Distributed Generation & Micro grid Control	2019-20		
438	07	M.Tech -EP	17D49209	Wind Energy Conversion Systems	2019-20		
439	07	M.Tech -EP	17D49210	Intelligent Control Techniques	2019-20		
440	07	M.Tech -EP	17D49211	Power System Simulation Lab	2019-20		
441	07	M.Tech -EP	17D20301	Research Methodology	2019-20	R17	III SEM
442	07	M.Tech -EP	17D20302	Human Values and Professional Ethics	2019-20		
443	07	M.Tech -EP	17D20303	Intellectual Property Rights	2019-20		
444	07	M.Tech -EP	17D49301	Elective - VI (MOOCS)	2019-20		
445	07	M.Tech -EP	17D49302	Comprehensive Viva-Voce	2019-20		
446	07	M.Tech -EP	17D49303	Seminar	2019-20		
447	07	M.Tech -EP	17D49304	Teaching Assignment	2019-20		
448	07	M.Tech -EP	17D49305	Project Work Part - I	2019-20		
449	07	M.Tech -EP	17D49401	Project Work Part - II	2019-20	R17	IV SEM
450	88	ch -Therma	17D11102	Advanced Thermodynamics	2019-20	R17	I SEM
451	88	ch -Therma	17D11201	Advanced Heat & Mass Transfer	2019-20		
452	88	ch -Therma	17D88101	Turbo Machines	2019-20		
453	88	ch -Therma	17D88102	Fuels, Combustion & Environment	2019-20		
454	88	ch -Therma	17D88103	Refrigeration & Air Conditioning	2019-20		
455	88	ch -Therma	17D88104	Equipment design for Thermal Systems	2019-20		
456	88	ch -Therma	17D11206	Optimization Techniques & its Applications	2019-20		
457	88	ch -Therma	17D88105	FEA in Thermal Engineering	2019-20		
458	88	ch -Therma	17D88106	Design of heat exchangers	2019-20		
459	88	ch -Therma	17D88107	Energy resources	2019-20		
460	88	ch -Therma	17D88108	Advanced Thermal Engineering Laboratory	2019-20		
461	88	ch -Therma	17D11209	Advanced I.C. Engines	2019-20	R17	II SEM
462	88	ch -Therma	17D11204	Computational Fluid Dynamics	2019-20		
463	88	ch -Therma	17D11108	Instrumentation for thermal Engineering	2019-20		
464	88	ch -Therma	17D88201	Design of thermal systems	2019-20		
465	88	ch -Therma	17D17107	Cryogenics Engineering	2019-20		
466	88	ch -Therma	17D88202	Thermal & Nuclear Power Plants	2019-20		
467	88	ch -Therma	17D88203	Jet Propulsion & Rocketry	2019-20		
468	88	ch -Therma	17D88204	Environmental Engineering Pollution Control	2019-20		
469	88	ch -Therma	17D88205	Alternative energy sources	2019-20		
470	88	ch -Therma	17D88206	Air craft and space Propulsion	2019-20		
471	88	ch -Therma	17D88207	Computational Fluid Dynamics Laboratory	2019-20		
472	88	ch -Therma	17D20301	Research Methodology	2019-20	R17	III SEM
473	88	ch -Therma	17D20302	Human Values and Professional Ethics	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
474	88	ch -Therma	17D20303	Intellectual Property Rights	2019-20		
475	88	ch -Therma	17D88301	Elective VI	2019-20		
476	88	ch -Therma	17D88302	Comprehensive Viva – Voice	2019-20		
477	88	ch -Therma	17D88303	Seminar	2019-20		
478	88	ch -Therma	17D88304	Teaching Assignment	2019-20		
479	88	ch -Therma	17D88305	Project work phase – I	2019-20		
480	88	ch -Therma	17D88401	Project work Phase – II	2019-20	R17	IV SEM
481	57	Tech -VLSI	17D06101	Structural Digital System Design	2019-20	R17	I SEM
482	57	Tech -VLSI	17D57101	Advanced MOSFET Modeling	2019-20		
483	57	Tech -VLSI	17D57102	CMOS Analog IC Design	2019-20		
484	57	Tech -VLSI	17D57103	CMOS Digital IC Design	2019-20		
485	57	Tech -VLSI	17D57104	VLSI Signal Processing	2019-20		
486	57	Tech -VLSI	17D06103	Advanced Computer Architecture	2019-20		
487	57	Tech -VLSI	17D57105	CAD for VLSI	2019-20		
488	57	Tech -VLSI	17D06202	CPLD and FPGA Architectures and Applications	2019-20		
489	57	Tech -VLSI	17D55206	ASIC Design	2019-20		
490	57	Tech -VLSI	17D57106	Optimization Techniques in VLSI Design	2019-20		
491	57	Tech -VLSI	17D38107	Structural Digital System Design Lab	2019-20		
492	57	Tech -VLSI	17D57107	VLSI System Design Lab - I	2019-20		
493	57	Tech -VLSI	17D57201	Low Power VLSI Design	2019-20	R17	II SEM
494	57	Tech -VLSI	17D57202	CMOS Mixed signal Design	2019-20		
495	57	Tech -VLSI	17D06201	Embedded System Design	2019-20		
496	57	Tech -VLSI	17D06109	Test and Testability	2019-20		
497	57	Tech -VLSI	17D55201	System On Chip Architecture	2019-20		
498	57	Tech -VLSI	17D57203	Semiconductor Memory Design and Testing	2019-20		
499	57	Tech -VLSI	17D57204	RF IC Design	2019-20		
500	57	Tech -VLSI	17D38202	Internet of Things	2019-20		
501	57	Tech -VLSI	17D55204	Hardware and Software Co-design of Embedded	2019-20		
502	57	Tech -VLSI	17D57205	Physical Design Automation	2019-20		
503	57	Tech -VLSI	17D38208	Embedded System Design Lab	2019-20		
504	57	Tech -VLSI	17D57206	VLSI System Design Lab - II	2019-20		
505	57	Tech -VLSI	17D20301	Research Methodology	2019-20	R17	III SEM
506	57	Tech -VLSI	17D20302	Human Values & Professional Ethics	2019-20		
507	57	Tech -VLSI	17D20303	Intellectual Property Rights	2019-20		
508	57	Tech -VLSI	17D57301	ELECTIVE – VI (MOOCs)	2019-20		
509	57	Tech -VLSI	17D57302	Comprehensive Viva Voce	2019-20		
510	57	Tech -VLSI	17D57303	Seminar	2019-20		
511	57	Tech -VLSI	17D57304	Teaching Assignment	2019-20		
512	57	Tech -VLSI	17D57305	Project Work Phase I	2019-20		
513	57	Tech -VLSI	17D57401	Project Work Phase II	2019-20	R17	IV SEM
514	58	M.Tech -CS	17D08101	Advanced Data Structures and Algorithms	2019-20	R17	I SEM
515	58	M.Tech -CS	17D25102	Fundamentals of Data Science	2019-20		
516	58	M.Tech -CS	17D25203	Software Patterns	2019-20		
517	58	M.Tech -CS	17D25207	Software Project Management	2019-20		
518	58	M.Tech -CS	17D58101	Information Security	2019-20		
519	58	M.Tech -CS	17D58102	Distributed Databases	2019-20		
520	58	M.Tech -CS	17D08109	Neural Networks	2019-20		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
521	58	M.Tech -CS	17D58103	Professional Aspects In Software Engineering	2019-20		
522	58	M.Tech -CS	17D08206	Artificial Intelligence	2019-20		
523	58	M.Tech -CS	17D08104	Internals of Operating Systems	2019-20		
524	58	M.Tech -CS	17D58104	Multicore Architecture & Programming	2019-20		
525	58	M.Tech -CS	17D08110	Advance Data Structures & Algorithms Lab	2019-20		
526	58	M.Tech -CS	17D58105	R & Analytics Lab	2019-20		
527	58	M.Tech -CS	17D25214	Software Patterns Lab	2019-20		
528	58	M.Tech -CS	17D08203	Cloud Computing	2019-20	R17	II SEM
529	58	M.Tech -CS	17D25208	Big Data Analytics	2019-20		
530	58	M.Tech -CS	17D08201	Mobile Application Development	2019-20		
531	58	M.Tech -CS	17D25206	Internet of Things	2019-20		
532	58	M.Tech -CS	17D25201	Advances in Software Testing	2019-20		
533	58	M.Tech -CS	17D08103	Network Security & Cryptography	2019-20		
534	58	M.Tech -CS	17D58201	NOSQL databases	2019-20		
535	58	M.Tech -CS	17D08208	Machine Learning	2019-20		
536	58	M.Tech -CS	17D58202	Distributed Computing	2019-20		
537	58	M.Tech -CS	17D25210	Software Configuration Management	2019-20		
538	58	M.Tech -CS	17D58203	Natural Language Processing	2019-20		
539	58	M.Tech -CS	17D08212	Map Reduce Programming Lab	2019-20		
540	58	M.Tech -CS	17D58204	SPARK Programming Lab	2019-20		
541	58	M.Tech -CS	17D08210	Mobile Application Development Lab	2019-20		
542	58	M.Tech -CS	17D20301	Research Methodology	2019-20	R17	III SEM
543	58	M.Tech -CS	17D20302	Human Values & Professional Ethics	2019-20		
544	58	M.Tech -CS	17D20303	Intellectual Property Rights	2019-20		
545	58	M.Tech -CS	17D58301	Elective-VI (MOOCs)	2019-20		
546	58	M.Tech -CS	17D58302	Comprehensive Viva-Voice	2019-20		
547	58	M.Tech -CS	17D58303	Seminar	2019-20		
548	58	M.Tech -CS	17D58304	Teaching Assignment	2019-20		
549	58	M.Tech -CS	17D58305	Project work Phase-I	2019-20		
550	58	M.Tech -CS	17D58401	Project work Phase - II	2019-20	R17	IV SEM



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LIST OF COURSES OFFERED FOR A.Y. 2018-19

S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
1	01	CIVIL	15A52101	Functional English	2018-19	R15	I-I
2	01	CIVIL	15A54101	Mathematics	2018-19		
3	01	CIVIL	15A05101	Computer Programming	2018-19		
4	01	CIVIL	15A56101	Engineering Physics	2018-19		
5	01	CIVIL	15A03101	Engineering Drawing	2018-19		
6	01	CIVIL	15A52102	English Language Communication Skills Lab	2018-19		
7	01	CIVIL	15A56102	Engineering Physics Lab	2018-19		
8	01	CIVIL	15A05102	Computer Programming Lab	2018-19		
9	01	CIVIL	15A52201	English for Professional Communication	2018-19	R15	I-II
10	01	CIVIL	15A54201	Mathematics – II	2018-19		
11	01	CIVIL	15A01201	Engineering Mechanics	2018-19		
12	01	CIVIL	15A51101	Engineering Chemistry	2018-19		
13	01	CIVIL	15A01101	Environmental Studies	2018-19		
14	01	CIVIL	15A01202	Applied Mechanics Lab	2018-19		
15	01	CIVIL	15A51102	Engineering Chemistry Lab	2018-19		
16	01	CIVIL	15A99201	Engineering & IT Workshop	2018-19		
17	01	CIVIL	15A54301	Mathematics - III	2018-19	R15	II-I
18	01	CIVIL	15A01301	Electrical and Mechanical Technology	2018-19		
19	01	CIVIL	15A01302	Building Materials and Construction	2018-19		
20	01	CIVIL	15A01303	Strength of materials – I	2018-19		
21	01	CIVIL	15A01304	Surveying – I	2018-19		
22	01	CIVIL	15A01305	Fluid Mechanics	2018-19		
23	01	CIVIL	15A01306	Surveying Laboratory – I	2018-19		
24	01	CIVIL	15A01307	Strength of Materials Laboratory	2018-19		
25	01	CIVIL	15A54401	Probability and Statistics	2018-19	R15	II-II
26	01	CIVIL	15A52301	Managerial Economics & Financial Analysis	2018-19		
27	01	CIVIL	15A01401	Strength of Materials – II	2018-19		
28	01	CIVIL	15A01402	Surveying – II	2018-19		
29	01	CIVIL	15A01403	Structural Analysis – I	2018-19		
30	01	CIVIL	15A01404	Hydraulics & Hydraulic Machinery	2018-19		
31	01	CIVIL	15A01405	Fluid Mechanics & Hydraulic Machinery Laboratory	2018-19		
32	01	CIVIL	15A01406	Surveying Laboratory – II	2018-19		
33	01	CIVIL	15A01407	Comprehensive Online Examination-I	2018-19		
34	01	CIVIL	15A01501	Design and Drawing of RCC Structures	2018-19	R15	III-I
35	01	CIVIL	15A01502	Estimation, Costing and Valuation	2018-19		
36	01	CIVIL	15A01503	Geotechnical Engineering – I	2018-19		
37	01	CIVIL	15A01504	Engineering Geology	2018-19		
38	01	CIVIL	15A01505	Structural Analysis – II	2018-19		
39	01	CIVIL	15A01506	Cost Effective Housing Techniques	2018-19		
40	01	CIVIL	15A01507	Water Harvesting and Conservation	2018-19		
41	01	CIVIL	15A01508	Engineering Geology Laboratory	2018-19		
42	01	CIVIL	15A01509	Geotechnical Engineering Laboratory	2018-19		
43	01	CIVIL	15A99501	Audit course - Social Values & Ethics	2018-19		
44	01	CIVIL	15A01601	Concrete Technology	2018-19	R15	III-II
45	01	CIVIL	15A01602	Design and Drawing of Steel Structures	2018-19		
46	01	CIVIL	15A01603	Geotechnical Engineering – II	2018-19		
47	01	CIVIL	15A01604	Transportation Engineering - I	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
48	01	CIVIL	15A01605	Water Resources Engineering – I	2018-19		
49	01	CIVIL	15A01606	Remote Sensing & GIS	2018-19		
50	01	CIVIL	15A01607	Disaster Management & Mitigation	2018-19		
51	01	CIVIL	15A01608	Intellectual Property Rights	2018-19		
52	01	CIVIL	15A01609	Concrete Technology Laboratory	2018-19		
53	01	CIVIL	15A01610	Transportation Engineering Laboratory	2018-19		
54	01	CIVIL	15A52602	Advanced English Language Communication Skills	2018-19		
55	01	CIVIL	15A01611	Comprehensive Online Examination-II	2018-19		
56	01	CIVIL	15A01701	Finite Element Methods	2018-19	R15	IV-I
57	01	CIVIL	15A01702	Transportation Engineering - II	2018-19		
58	01	CIVIL	15A01703	Environmental Engineering	2018-19		
59	01	CIVIL	15A01704	Water Resources Engineering – II	2018-19		
60	01	CIVIL	15A01705	Design and Drawing of Irrigation Structures	2018-19		
61	01	CIVIL	15A01706	Ground improvement techniques	2018-19		
62	01	CIVIL	15A01707	Air Pollution and Quality Control	2018-19		
63	01	CIVIL	15A01708	Bridge Engineering	2018-19		
64	01	CIVIL	15A01709	Earth Quake Resistant Design of Structures	2018-19		
65	01	CIVIL	15A01710	Rehabilitation and Retrofitting of Structures	2018-19		
66	01	CIVIL	15A01711	CAD Laboratory	2018-19		
67	01	CIVIL	15A01712	Environmental Engineering Laboratory	2018-19		
68	01	CIVIL	15A01801	Urban Transportation Planning	2018-19	R15	IV-II
69	01	CIVIL	15A01802	Advanced Structural Engineering	2018-19		
70	01	CIVIL	15A01803	Prestressed Concrete	2018-19		
71	01	CIVIL	15A01804	Environmental Impact Assessment and	2018-19		
72	01	CIVIL	15A01805	Comprehensive Viva Voce	2018-19		
73	01	CIVIL	15A01806	Technical Seminar	2018-19		
74	01	CIVIL	15A01807	Project Work	2018-19		
75	01	CIVIL	15A01808	Survey Camp	2018-19		
76	02	EEE	15A52101	Functional English	2018-19	R15	I-I
77	02	EEE	15A54101	Mathematics	2018-19		
78	02	EEE	15A05101	Computer Programming	2018-19		
79	02	EEE	15A56101	Engineering Physics	2018-19		
80	02	EEE	15A03101	Engineering Drawing	2018-19		
81	02	EEE	15A52102	English Language Communication Skills Lab	2018-19		
82	02	EEE	15A56102	Engineering Physics Lab	2018-19		
83	02	EEE	15A05102	Computer Programming Lab	2018-19		
84	02	EEE	15A54201	Mathematics – II	2018-19	R15	I-II
85	02	EEE	15A52201	English for Professional Communication	2018-19		
86	02	EEE	15A51101	Engineering Chemistry	2018-19		
87	02	EEE	15A01101	Environmental Studies	2018-19		
88	02	EEE	15A02201	Electrical Circuits – I	2018-19		
89	02	EEE	15A51102	Engineering Chemistry Lab	2018-19		
90	02	EEE	15A02202	Electrical Circuits Lab	2018-19		
91	02	EEE	15A99201	Engineering & IT Workshop	2018-19		
92	02	EEE	15A54301	Mathematics –III	2018-19	R15	II-I
93	02	EEE	15A02301	Electrical Circuits – II	2018-19		
94	02	EEE	15A02302	Electrical Machines – I	2018-19		
95	02	EEE	15A02303	Control Systems Engineering	2018-19		
96	02	EEE	15A04301	Electronic Devices & Circuits	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
97	02	EEE	15A05201	Data Structures	2018-19		
98	02	EEE	15A02305	Electric Circuits Simulation Laboratory	2018-19		
99	02	EEE	15A04305	Electronic Devices & Circuits Laboratory	2018-19		
100	02	EEE	15A54402	Mathematics – IV	2018-19	R15	II-II
101	02	EEE	15A52301	Managerial Economics and Financial Analysis	2018-19		
102	02	EEE	15A02401	Electrical Machines – II	2018-19		
103	02	EEE	15A02402	Electrical Power Generating Systems	2018-19		
104	02	EEE	15A02403	Electromagnetic Fields	2018-19		
105	02	EEE	15A04409	Analog Electronic Circuits	2018-19		
106	02	EEE	15A02404	Electrical Machines Laboratory – I	2018-19		
107	02	EEE	15A02405	Control Systems & Simulation Laboratory	2018-19		
108	02	EEE	15A02406	Comprehensive Online Examination – I	2018-19		
109	02	EEE	15A02501	Electrical Measurements	2018-19	R15	III-I
110	02	EEE	15A04509	Linear & Digital IC Applications	2018-19		
111	02	EEE	15A02502	Electrical Power Transmission Systems	2018-19		
112	02	EEE	15A02503	Power Electronics	2018-19		
113	02	EEE	15A02504	Electrical Machines – III	2018-19		
114	02	EEE	15A04510	Digital Circuits and Systems	2018-19		
115	02	EEE	15A02505	Networks Signals and Systems	2018-19		
116	02	EEE	15A02506	Electrical Machines Laboratory – II	2018-19		
117	02	EEE	15A02507	Electrical Measurements Laboratory	2018-19		
118	02	EEE	15A99501	Audit course – Social Values & Ethics	2018-19		
119	02	EEE	15A52601	Management Science	2018-19	R15	III-II
120	02	EEE	15A02601	Power Semiconductor Drives	2018-19		
121	02	EEE	15A02602	Power System Protection	2018-19		
122	02	EEE	15A04601	Microprocessors & Microcontrollers	2018-19		
123	02	EEE	15A02603	Power System Analysis	2018-19		
124	02	EEE	15A02604	Neural Networks & Fuzzy Logic	2018-19		
125	02	EEE	15A02605	Programmable Logic Controller & Its Applications	2018-19		
126	02	EEE	15A02606	Optimization Techniques	2018-19		
127	02	EEE	15A01608	Intellectual Property Rights	2018-19		
128	02	EEE	15A04607	Microprocessors & Microcontrollers Laboratory	2018-19		
129	02	EEE	15A02607	Power Electronics & Simulation Laboratory	2018-19		
130	02	EEE	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2018-19		
131	02	EEE	15A02608	Comprehensive Online Examination - II	2018-19		
132	02	EEE	15A02701	Electrical Distribution Systems	2018-19	R15	IV-I
133	02	EEE	15A04603	Digital Signal Processing	2018-19		
134	02	EEE	15A02702	Power System Operation and Control	2018-19		
135	02	EEE	15A02703	Utilization of Electrical Energy	2018-19		
136	02	EEE	15A02704	Modern Control Theory	2018-19		
137	02	EEE	15A02705	Switched Mode Power Converters	2018-19		
138	02	EEE	15A02706	Energy Auditing & Demand Side Management	2018-19		
139	02	EEE	15A02707	Smart Grid	2018-19		
140	02	EEE	15A02708	Flexible AC Transmission Systems	2018-19		
141	02	EEE	15A02709	Power Quality	2018-19		
142	02	EEE	15A04608	Digital Signal Processing Laboratory	2018-19		
143	02	EEE	15A02710	Power Systems & Simulation Laboratory	2018-19		
144	02	EEE	15A02801	Instrumentation	2018-19	R15	IV-II

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145	02	EEE	15A02802	Power System Dynamics and Control	2018-19		
146	02	EEE	15A02803	Industrial Automation & Control	2018-19		
147	02	EEE	15A02804	HVDC Transmission	2018-19		
148	02	EEE	15A04702	Embedded Systems	2018-19		
149	02	EEE	15A02805	Energy Resources & Technology	2018-19		
150	02	EEE	15A02806	Comprehensive Viva Voce	2018-19		
151	02	EEE	15A02807	Technical Seminar	2018-19		
152	02	EEE	15A02808	Project Work	2018-19		
153	03	ME	15A52101	Functional English	2018-19	R15	I-I
154	03	ME	15A54101	Mathematics – I	2018-19		
155	03	ME	15A05101	Computer Programming	2018-19		
156	03	ME	15A51101	Engineering Chemistry	2018-19		
157	03	ME	15A01101	Environmental Studies	2018-19		
158	03	ME	15A52102	English Language Communication Skills Lab	2018-19		
159	03	ME	15A51102	Engineering Chemistry Lab	2018-19		
160	03	ME	15A05102	Computer Programming Lab	2018-19		
161	03	ME	15A52201	English for Professional Communication	2018-19	R15	I-II
162	03	ME	15A54201	Mathematics – II	2018-19		
163	03	ME	15A03201	Material Science and Engineering	2018-19		
164	03	ME	15A56101	Engineering Physics	2018-19		
165	03	ME	15A03101	Engineering Drawing	2018-19		
166	03	ME	15A03202	Material Science and Engineering Lab	2018-19		
167	03	ME	15A56102	Engineering Physics Lab	2018-19		
168	03	ME	15A99201	Engineering & IT Workshop	2018-19		
169	03	ME	15A54301	Mathematics - III	2018-19	R15	II-I
170	03	ME	15A52301	Managerial Economics & Financial Analysis	2018-19		
171	03	ME	15A01308	Mechanics of Solids	2018-19		
172	03	ME	15A03301	Engineering Drawing for Mechanical Engineers	2018-19		
173	03	ME	15A03302	Engineering Mechanics	2018-19		
174	03	ME	15A03303	Thermodynamics	2018-19		
175	03	ME	15A01309	Mechanics of Solids Lab	2018-19		
176	03	ME	15A03304	Computer Aided Drafting Lab	2018-19		
177	03	ME	15A54401	Probability and Statistics	2018-19	R15	II-II
178	03	ME	15A99301	Basic Electrical and Electronics Engineering	2018-19		
179	03	ME	15A03401	Machine Drawing	2018-19		
180	03	ME	15A03402	Kinematics of Machines	2018-19		
181	03	ME	15A03403	Thermal Engineering – 1	2018-19		
182	03	ME	15A03404	Manufacturing Technology	2018-19		
183	03	ME	15A03405	Thermal Engineering Laboratory	2018-19		
184	03	ME	15A03406	Manufacturing Technology Laboratory	2018-19		
185	03	ME	15A03407	Comprehensive Online Examination-I	2018-19		
186	03	ME	15A01510	Fluid Mechanics and Hydraulic Machines	2018-19	R15	III-I
187	03	ME	15A03501	Thermal Engineering - II	2018-19		
188	03	ME	15A03502	Dynamics of Machinery	2018-19		
189	03	ME	15A03503	Machine Tools	2018-19		
190	03	ME	15A03504	Design of Machine Members - I	2018-19		
191	03	ME	15A03505	Entrepreneurship	2018-19		
192	03	ME	15A03506	Nano Technology	2018-19		

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ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES : KADAPA

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
193	03	ME	15A03507	Micro Electro Mechanical Systems	2018-19		
194	03	ME	15A01511	Fluid Mechanics and Hydraulic Machines	2018-19		
195	03	ME	15A03508	Machine Tools Laboratory	2018-19		
196	03	ME	15A99501	Audit course – Social Values & Ethics	2018-19		
197	03	ME	15A03601	Operations Research	2018-19	R15	III-II
198	03	ME	15A03602	Design of Machine Members – II	2018-19		
199	03	ME	15A03603	Heat Transfer	2018-19		
200	03	ME	15A03604	Finite Element Method	2018-19		
201	03	ME	15A03605	Metal forming Process	2018-19		
202	03	ME	15A03606	Non Conventional Source of Energy	2018-19		
203	03	ME	15A03607	Total Quality Management	2018-19		
204	03	ME	15A03608	Mechatronics	2018-19		
205	03	ME	15A01608	Intellectual Property Rights	2018-19		
206	03	ME	15A03609	Heat Transfer Laboratory	2018-19		
207	03	ME	15A03610	Computer Aided Engineering Laboratory	2018-19		
208	03	ME	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2018-19		
209	03	ME	15A03611	Comprehensive Online Examination - II	2018-19		
210	03	ME	15A52601	Management Science	2018-19	R15	IV-I
211	03	ME	15A03701	Automobile Engineering	2018-19		
212	03	ME	15A03702	CAD/CAM	2018-19		
213	03	ME	15A03703	Metrology and Measurements	2018-19		
214	03	ME	15A03704	Refrigeration and Air – Conditioning	2018-19		
215	03	ME	15A03705	Tool Design	2018-19		
216	03	ME	15A03706	Modern Manufacturing Methods	2018-19		
217	03	ME	15A03707	Computational Fluid Dynamics	2018-19		
218	03	ME	15A03708	Automation and Robotics	2018-19		
219	03	ME	15A03709	Production & Operations Management	2018-19		
220	03	ME	15A03710	CAD/ CAM Laboratory	2018-19		
221	03	ME	15A03711	Metrology and Measurements Laboratory	2018-19		
222	03	ME	15A03801	Industrial Engineering	2018-19	R15	IV-II
223	03	ME	15A03802	Product Design	2018-19		
224	03	ME	15A03803	Composite Materials	2018-19		
225	03	ME	15A03804	Power Plant Engineering	2018-19		
226	03	ME	15A03805	Gas Turbines and Jet Propulsion	2018-19		
227	03	ME	15A03806	Energy Management	2018-19		
228	03	ME	15A03807	Comprehensive Viva Voce	2018-19		
229	03	ME	15A03808	Technical Seminar	2018-19		
230	03	ME	15A03809	Project work	2018-19		
231	04	ECE	15A52101	Functional English	2018-19	R15	I-I
232	04	ECE	15A54101	Mathematics – I	2018-19		
233	04	ECE	15A05101	Computer Programming	2018-19		
234	04	ECE	15A51101	Engineering Chemistry	2018-19		
235	04	ECE	15A01101	Environmental Studies	2018-19		
236	04	ECE	15A52102	English Language Communication Skills Lab	2018-19		
237	04	ECE	15A51102	Engineering Chemistry Lab	2018-19		
238	04	ECE	15A05102	Computer Programming Lab	2018-19		
239	04	ECE	15A52201	English for Professional Communication	2018-19	R15	I-II

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
240	04	ECE	15A54201	Mathematics – II	2018-19		
241	04	ECE	15A04201	Network Analysis	2018-19		
242	04	ECE	15A56101	Engineering Physics	2018-19		
243	04	ECE	15A03101	Engineering Drawing	2018-19		
244	04	ECE	15A04202	Network Analysis Lab	2018-19		
245	04	ECE	15A56102	Engineering Physics Lab	2018-19		
246	04	ECE	15A99201	Engineering and IT Workshop	2018-19		
247	04	ECE	15A54301	Mathematics-III	2018-19	R15	II-I
248	04	ECE	15A04301	Electronic Devices and Circuits	2018-19		
249	04	ECE	15A04302	Switching Theory and Logic Design	2018-19		
250	04	ECE	15A04303	Signals and Systems	2018-19		
251	04	ECE	15A04304	Probability Theory and Stochastic Processes	2018-19		
252	04	ECE	15A02306	Electrical Technology	2018-19		
253	04	ECE	15A04305	Electronic Devices and Circuits Laboratory	2018-19		
254	04	ECE	15A02307	Electrical Technology and Basic Simulation Laboratory	2018-19		
255	04	ECE	15A54402	Mathematics-IV	2018-19	R15	II-II
256	04	ECE	15A04401	Electronic Circuit Analysis	2018-19		
257	04	ECE	15A04402	Analog Communication Systems	2018-19		
258	04	ECE	15A04403	Electromagnetic Theory and Transmission Lines	2018-19		
259	04	ECE	15A05201	Data Structures	2018-19		
260	04	ECE	15A02303	Control Systems Engineering	2018-19		
261	04	ECE	15A04404	Electronic Circuit Analysis Laboratory	2018-19		
262	04	ECE	15A04405	Analog Communication Systems Laboratory	2018-19		
263	04	ECE	15A04406	Comprehensive Online Examination-I	2018-19		
264	04	ECE	15A04511	Computer Organization	2018-19	R15	III-I
265	04	ECE	15A04501	Antennas and Wave Propagation	2018-19		
266	04	ECE	15A04502	Digital Communication Systems	2018-19		
267	04	ECE	15A04503	Linear Integrated Circuits and Applications	2018-19		
268	04	ECE	15A04504	Digital System Design	2018-19		
269	04	ECE	15A04505	Linux Programming & Scripting	2018-19		
270	04	ECE	15A04506	MEMS & Microsystems	2018-19		
271	04	ECE	15A04507	IC Applications Laboratory	2018-19		
272	04	ECE	15A04508	Digital Communication Systems Laboratory	2018-19		
273	04	ECE	15A99501	Audit course – Social Values & Ethics	2018-19		
274	04	ECE	15A52301	Managerial Economics and Financial Analysis	2018-19	R15	III-II
275	04	ECE	15A04601	Microprocessors & Microcontrollers	2018-19		
276	04	ECE	15A04602	Electronic Measurements and Instrumentation	2018-19		
277	04	ECE	15A04603	Digital Signal Processing	2018-19		
278	04	ECE	15A04604	VLSI Design	2018-19		
279	04	ECE	15A04605	MATLAB Programming	2018-19		
280	04	ECE	15A04606	Industrial Electronics	2018-19		
281	04	ECE	15A04610	Neural Networks & Fuzzy Systems	2018-19		
282	04	ECE	15A01608	Intellectual Property Rights	2018-19		
283	04	ECE	15A04607	Microprocessors & Microcontrollers Laboratory	2018-19		
284	04	ECE	15A04608	Digital Signal Processing Laboratory	2018-19		
285	04	ECE	15A52602	Advanced English Language Communication Skills	2018-19		
286	04	ECE	15A04609	Comprehensive Online Examination-II	2018-19		
287	04	ECE	15A04701	Optical Fiber Communication	2018-19	R15	IV-I
288	04	ECE	15A04702	Embedded Systems	2018-19		
289	04	ECE	15A04703	Microwave Engineering	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
290	04	ECE	15A04704	Data Communications and Networking	2018-19		
291	04	ECE	15A04705	Radar Systems	2018-19		
292	04	ECE	15A04706	Adaptive Signal Processing	2018-19		
293	04	ECE	15A04707	FPGA Design	2018-19		
294	04	ECE	15A04708	Digital Image Processing	2018-19		
295	04	ECE	15A04709	Cellular & Mobile Communication	2018-19		
296	04	ECE	15A04710	Real Time Systems	2018-19		
297	04	ECE	15A04711	Microwave and Optical Communication Laboratory	2018-19		
298	04	ECE	15A04712	VLSI & Embedded Systems Laboratory	2018-19		
299	04	ECE	15A04801	Advanced Digital Signal Processing- Multirate &	2018-19	R15	IV-II
300	04	ECE	15A04802	Low Power VLSI Circuits & Systems	2018-19		
301	04	ECE	15A04803	Pattern Recognition & Applications	2018-19		
302	04	ECE	15A04804	RF Integrated Circuits	2018-19		
303	04	ECE	15A04805	Comprehensive Viva Voce	2018-19		
304	04	ECE	15A04806	Technical Seminar	2018-19		
305	04	ECE	15A04807	Project Work	2018-19		
306	05	CSE	15A52101	Functional English	2018-19	R15	I-I
307	05	CSE	15A54101	Mathematics	2018-19		
308	05	CSE	15A05101	Computer Programming	2018-19		
309	05	CSE	15A56101	Engineering Physics	2018-19		
310	05	CSE	15A03101	Engineering Drawing	2018-19		
311	05	CSE	15A52102	English Language Communication Skills Lab	2018-19		
312	05	CSE	15A56102	Engineering Physics Lab	2018-19		
313	05	CSE	15A05102	Computer Programming Lab	2018-19		
314	05	CSE	15A52201	English for Professional Communication	2018-19	R15	I-II
315	05	CSE	15A54201	Mathematics – II	2018-19		
316	05	CSE	15A05201	Data Structures	2018-19		
317	05	CSE	15A51101	Engineering Chemistry	2018-19		
318	05	CSE	15A01101	Environmental Studies	2018-19		
319	05	CSE	15A05202	Data Structures Lab	2018-19		
320	05	CSE	15A51102	Engineering Chemistry Lab	2018-19		
321	05	CSE	15A99201	Engineering & IT Workshop	2018-19		
322	05	CSE	15A54301	Mathematics III	2018-19	R15	II-I
323	05	CSE	15A05301	Database Management Systems	2018-19		
324	05	CSE	15A05302	Discrete Mathematics	2018-19		
325	05	CSE	15A99301	Basic Electrical and Electronics Engineering	2018-19		
326	05	CSE	15A04306	Digital Logic Design	2018-19		
327	05	CSE	15A52301	Managerial Economics and Financial Analysis	2018-19		
328	05	CSE	15A05303	Database Management Systems Laboratory	2018-19		
329	05	CSE	15A99302	Basic Electrical and Electronics Laboratory	2018-19		
330	05	CSE	15A54401	Probability and Statistics	2018-19	R15	II-II
331	05	CSE	15A05401	Software Engineering	2018-19		
332	05	CSE	15A05402	Computer Organization	2018-19		
333	05	CSE	15A04407	Microprocessors & Interfacing	2018-19		
334	05	CSE	15A05403	Object Oriented Programming using Java	2018-19		
335	05	CSE	15A05404	Formal Languages and Automata Theory	2018-19		
336	05	CSE	15A04408	Microprocessors & Interfacing Laboratory	2018-19		
337	05	CSE	15A05405	Java Programming Laboratory	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
338	05	CSE	15A05406	Comprehensive Online Examination-I	2018-19		
339	05	CSE	15A05501	Operating Systems	2018-19	R15	III-I
340	05	CSE	15A05502	Computer Networks	2018-19		
341	05	CSE	15A05503	Object Oriented Analysis and Design	2018-19		
342	05	CSE	15A05504	Principles of Programming Languages	2018-19		
343	05	CSE	15A05505	Software Testing	2018-19		
344	05	CSE	15A05506	Introduction to Big Data	2018-19		
345	05	CSE	15A05507	R Programming	2018-19		
346	05	CSE	15A05508	Introduction to Operations Management	2018-19		
347	05	CSE	15A05509	Object Oriented Analysis and Design & Software Tes	2018-19		
348	05	CSE	15A05510	Operating Systems Laboratory	2018-19		
349	05	CSE	15A99501	Social Values & Ethics (Audit Course)	2018-19		
350	05	CSE	15A05601	Compiler Design	2018-19	R15	III-II
351	05	CSE	15A05602	Data Warehousing & Mining	2018-19		
352	05	CSE	15A05603	Design Patterns	2018-19		
353	05	CSE	15A05604	Design and Analysis of Algorithms	2018-19		
354	05	CSE	15A05605	Web and Internet Technologies	2018-19		
355	05	CSE	15A05606	Artificial Intelligence	2018-19		
356	05	CSE	15A05607	Linux Environment System	2018-19		
357	05	CSE	15A05608	System Applications & Product (SAP)	2018-19		
358	05	CSE	15A01608	Intellectual Property Rights	2018-19		
359	05	CSE	15A05609	Web and Internet Technologies Laboratory	2018-19		
360	05	CSE	15A05610	Data Warehousing & Mining Laboratory	2018-19		
361	05	CSE	15A52602	Advanced English Language Communication Skills(A	2018-19		
362	05	CSE	15A05611	Comprehensive Online Examination-II	2018-19		
363	05	CSE	15A52601	Management Science	2018-19	R15	IV-I
364	05	CSE	15A05701	Grid & Cloud Computing	2018-19		
365	05	CSE	15A05702	Information Security	2018-19		
366	05	CSE	15A05703	Mobile Application Development	2018-19		
367	05	CSE	15A05704	Software Architecture	2018-19		
368	05	CSE	15A05705	Computer Graphics	2018-19		
369	05	CSE	15A05706	Machine Learning	2018-19		
370	05	CSE	15A05707	Software Project Management	2018-19		
371	05	CSE	15A05708	Distributed Systems	2018-19		
372	05	CSE	15A05709	Real Time Systems	2018-19		
373	05	CSE	15A05710	Grid & Cloud Computing Laboratory	2018-19		
374	05	CSE	15A05711	Mobile Application Development Laboratory	2018-19		
375	05	CSE	15A05801	Data Analytics	2018-19	R15	IV-II
376	05	CSE	15A05802	Mobile Computing	2018-19		
377	05	CSE	15A05803	Innovations and IT Management	2018-19		
378	05	CSE	15A05804	Building Large Scale Software Systems	2018-19		
379	05	CSE	15A05805	Enabling Technologies for Data Science & Analytics	2018-19		
380	05	CSE	15A05806	Cyber Security	2018-19		
381	05	CSE	15A05807	Comprehensive Viva-Voce	2018-19		
382	05	CSE	15A05808	Technical Seminar	2018-19		
383	05	CSE	15A05809	Project Work	2018-19		
384	20	I.Tech-ST.Eng	17D20101	Advanced Mathematical Methods	2018-19		I-I
385	20	I.Tech-ST.Eng	17D20102	Advanced Structural Analysis	2018-19		
386	20	I.Tech-ST.Eng	17D20103	Theory Of Elasticity And Plasticity	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
387	20	B.Tech -ST.Eng	17D20104	Theory And Analysis Of Plates	2018-19		
388	20	B.Tech -ST.Eng	17D20105	Experimental Stress Analysis	2018-19		
389	20	B.Tech -ST.Eng	17D20106	Advanced Concrete Technology	2018-19		
390	20	B.Tech -ST.Eng	17D20107	Low Cost Housing Techniques	2018-19		
391	20	B.Tech -ST.Eng	17D20108	Prestressed Concrete	2018-19		
392	20	B.Tech -ST.Eng	17D20109	Maintenance And Rehabilitation Of Structures	2018-19		
393	20	B.Tech -ST.Eng	17D20110	Advanced Foundation Engineering	2018-19		
394	20	B.Tech -ST.Eng	17D20111	Advanced Concrete Laboratory	2018-19		
395	20	B.Tech -ST.Eng	17D20201	Structural Dynamics	2018-19		I-II
396	20	B.Tech -ST.Eng	17D20202	Finite Element Methods	2018-19		
397	20	B.Tech -ST.Eng	17D20203	Stability Of Structures	2018-19		
398	20	B.Tech -ST.Eng	17D20204	Analysis Of Shells And Folded Plates	2018-19		
399	20	B.Tech -ST.Eng	17D20205	Design Of Bridges	2018-19		
400	20	B.Tech -ST.Eng	17D20206	Advanced Structural Design	2018-19		
401	20	B.Tech -ST.Eng	17D20207	Earthquake Resistant Structures	2018-19		
402	20	B.Tech -ST.Eng	17D20208	Advanced Steel Structures	2018-19		
403	20	B.Tech -ST.Eng	17D20209	Building Construction And Management	2018-19		
404	20	B.Tech -ST.Eng	17D20210	Fracture Mechanics	2018-19		
405	20	B.Tech -ST.Eng	17D20211	Structural Design Studio	2018-19		
406	20	B.Tech -ST.Eng	17D20301	Research Methodology	2018-19		
407	20	B.Tech -ST.Eng	17D20302	Human Values & Professional Ethics	2018-19		
408	20	B.Tech -ST.Eng	17D20303	Intellectual Property Rights	2018-19		
409	20	B.Tech -ST.Eng	17D20305	Comprehensive Viva Voce	2018-19		
410	20	B.Tech -ST.Eng	17D20306	Seminar	2018-19		
411	20	B.Tech -ST.Eng	17D20307	Teaching Assignment	2018-19		
412	20	B.Tech -ST.Eng	17D20308	Project Work Phase I	2018-19		
413	20	B.Tech -ST.Eng	17D20401	Project Work Phase II	2018-19	R17	IV SEM
414	07	M.Tech -EPS	17D49101	Advanced Power System Protection	2018-19	R17	I SEM
415	07	M.Tech -EPS	17D49102	Machine Modeling and Analysis	2018-19		
416	07	M.Tech -EPS	17D49103	Optimization & Heuristic Search Techniques	2018-19		
417	07	M.Tech -EPS	17D49104	Restructured Power Systems	2018-19		
418	07	M.Tech -EPS	17D49105	Modern Control Engineering & Principles of	2018-19		
419	07	M.Tech -EPS	17D49106	FACTS Controllers	2018-19		
420	07	M.Tech -EPS	17D49107	Solar Energy Conversion Systems	2018-19		
421	07	M.Tech -EPS	17D49108	Power System Wide Area Monitoring & Control	2018-19		
422	07	M.Tech -EPS	17D49109	Energy Auditing and Management	2018-19		
423	07	M.Tech -EPS	17D49110	State Estimation Techniques	2018-19		
424	07	M.Tech -EPS	17D49111	Machines & Power Systems Lab	2018-19		
425	07	M.Tech -EPS	17D49201	Reliability Engineering and Application to Power	2018-19	R17	II SEM
426	07	M.Tech -EPS	17D49202	Power Quality	2018-19		
427	07	M.Tech -EPS	17D49203	Smart Grid Technologies	2018-19		
428	07	M.Tech -EPS	17D49204	Power System Stability & Control	2018-19		
429	07	M.Tech -EPS	17D49205	Reactive Power Compensation & Management	2018-19		
430	07	M.Tech -EPS	17D49206	Power System Optimization	2018-19		
431	07	M.Tech -EPS	17D49207	HVDC & EHVAC Transmission Systems	2018-19		
432	07	M.Tech -EPS	17D49208	Distributed Generation & Micro grid Control	2018-19		
433	07	M.Tech -EPS	17D49209	Wind Energy Conversion Systems	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
434	07	M.Tech -EPS	17D49210	Intelligent Control Techniques	2018-19		
435	07	M.Tech -EPS	17D49211	Power System Simulation Lab	2018-19		
436	07	M.Tech -EPS	17D20301	Research Methodology	2018-19	R17	III SEM
437	07	M.Tech -EPS	17D20302	Human Values and Professional Ethics	2018-19		
438	07	M.Tech -EPS	17D20303	Intellectual Property Rights	2018-19		
439	07	M.Tech -EPS	17D49301	Elective - VI (MOOCS)	2018-19		
440	07	M.Tech -EPS	17D49302	Comprehensive Viva-Voce	2018-19		
441	07	M.Tech -EPS	17D49303	Seminar	2018-19		
442	07	M.Tech -EPS	17D49304	Teaching Assignment	2018-19		
443	07	M.Tech -EPS	17D49305	Project Work Part – I	2018-19		
444	07	M.Tech -EPS	17D49401	Project Work Part - II	2018-19	R17	IV SEM
445	88	ech -Thermal	17D11102	Advanced Thermodynamics	2018-19	R17	I SEM
446	88	ech -Thermal	17D11201	Advanced Heat & Mass Transfer	2018-19		
447	88	ech -Thermal	17D88101	Turbo Machines	2018-19		
448	88	ech -Thermal	17D88102	Fuels, Combustion & Environment	2018-19		
449	88	ech -Thermal	17D88103	Refrigeration & Air Conditioning	2018-19		
450	88	ech -Thermal	17D88104	Equipment design for Thermal Systems	2018-19		
451	88	ech -Thermal	17D11206	Optimization Techniques & its Applications	2018-19		
452	88	ech -Thermal	17D88105	FEA in Thermal Engineering	2018-19		
453	88	ech -Thermal	17D88106	Design of heat exchangers	2018-19		
454	88	ech -Thermal	17D88107	Energy resources	2018-19		
455	88	ech -Thermal	17D88108	Advanced Thermal Engineering Laboratory	2018-19		
456	88	ech -Thermal	17D11209	Advanced I.C. Engines	2018-19	R17	II SEM
457	88	ech -Thermal	17D11204	Computational Fluid Dynamics	2018-19		
458	88	ech -Thermal	17D11108	Instrumentation for thermal Engineering	2018-19		
459	88	ech -Thermal	17D88201	Design of thermal systems	2018-19		
460	88	ech -Thermal	17D17107	Cryogenics Engineering	2018-19		
461	88	ech -Thermal	17D88202	Thermal & Nuclear Power Plants	2018-19		
462	88	ech -Thermal	17D88203	Jet Propulsion & Rocketry	2018-19		
463	88	ech -Thermal	17D88204	Environmental Engineering Pollution Control	2018-19		
464	88	ech -Thermal	17D88205	Alternative energy sources	2018-19		
465	88	ech -Thermal	17D88206	Air craft and space Propulsion	2018-19		
466	88	ech -Thermal	17D88207	Computational Fluid Dynamics Laboratory	2018-19		
467	88	ech -Thermal	17D20301	Research Methodology	2018-19	R17	III SEM
468	88	ech -Thermal	17D20302	Human Values and Professional Ethics	2018-19		
469	88	ech -Thermal	17D20303	Intellectual Property Rights	2018-19		
470	88	ech -Thermal	17D88301	Elective VI	2018-19		
471	88	ech -Thermal	17D88302	Comprehensive Viva – Voice	2018-19		
472	88	ech -Thermal	17D88303	Seminar	2018-19		
473	88	ech -Thermal	17D88304	Teaching Assignment	2018-19		
474	88	ech -Thermal	17D88305	Project work phase – I	2018-19		
475	88	ech -Thermal	17D88401	Project work Phase – II	2018-19	R17	IV SEM
476	57	M.Tech -VLSI S	17D06101	Structural Digital System Design	2018-19	R17	I SEM
477	57	M.Tech -VLSI S	17D57101	Advanced MOSFET Modelling	2018-19		
478	57	M.Tech -VLSI S	17D57102	CMOS Analog IC Design	2018-19		
479	57	M.Tech -VLSI S	17D57103	CMOS Digital IC Design	2018-19		
480	57	M.Tech -VLSI S	17D57104	VLSI Signal Processing	2018-19		
481	57	M.Tech -VLSI S	17D06103	Advanced Computer Architecture	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
482	57	1.Tech -VLSI S	17D57105	CAD for VLSI	2018-19		
483	57	1.Tech -VLSI S	17D06202	CPLD and FPGA Architectures and Applications	2018-19		
484	57	1.Tech -VLSI S	17D55206	ASIC Design	2018-19		
485	57	1.Tech -VLSI S	17D57106	Optimization Techniques in VLSI Design	2018-19		
486	57	1.Tech -VLSI S	17D38107	Structural Digital System Design Lab	2018-19		
487	57	1.Tech -VLSI S	17D57107	VLSI System Design Lab - I	2018-19		
488	57	1.Tech -VLSI S	17D57201	Low Power VLSI Design	2018-19	R17	II SEM
489	57	1.Tech -VLSI S	17D57202	CMOS Mixed signal Design	2018-19		
490	57	1.Tech -VLSI S	17D06201	Embedded System Design	2018-19		
491	57	1.Tech -VLSI S	17D06109	Test and Testability	2018-19		
492	57	1.Tech -VLSI S	17D55201	System On Chip Architecture	2018-19		
493	57	1.Tech -VLSI S	17D57203	Semiconductor Memory Design and Testing	2018-19		
494	57	1.Tech -VLSI S	17D57204	RF IC Design	2018-19		
495	57	1.Tech -VLSI S	17D38202	Internet of Things	2018-19		
496	57	1.Tech -VLSI S	17D55204	Hardware and Software Co-design of Embedded	2018-19		
497	57	1.Tech -VLSI S	17D57205	Physical Design Automation	2018-19		
498	57	1.Tech -VLSI S	17D38208	Embedded System Design Lab	2018-19		
499	57	1.Tech -VLSI S	17D57206	VLSI System Design Lab - II	2018-19		
500	57	1.Tech -VLSI S	17D20301	Research Methodology	2018-19	R17	III SEM
501	57	1.Tech -VLSI S	17D20302	Human Values & Professional Ethics	2018-19		
502	57	1.Tech -VLSI S	17D20303	Intellectual Property Rights	2018-19		
503	57	1.Tech -VLSI S	17D57301	ELECTIVE – VI (MOOCs)	2018-19		
504	57	1.Tech -VLSI S	17D57302	Comprehensive Viva Voce	2018-19		
505	57	1.Tech -VLSI S	17D57303	Seminar	2018-19		
506	57	1.Tech -VLSI S	17D57304	Teaching Assignment	2018-19		
507	57	1.Tech -VLSI S	17D57305	Project Work Phase I	2018-19		
508	57	1.Tech -VLSI S	17D57401	Project Work Phase II	2018-19	R17	IV SEM
509	58	M.Tech -CSE	17D08101	Advanced Data Structures and Algorithms	2018-19	R17	I SEM
510	58	M.Tech -CSE	17D25102	Fundamentals of Data Science	2018-19		
511	58	M.Tech -CSE	17D25203	Software Patterns	2018-19		
512	58	M.Tech -CSE	17D25207	Software Project Management	2018-19		
513	58	M.Tech -CSE	17D58101	Information Security	2018-19		
514	58	M.Tech -CSE	17D58102	Distributed Databases	2018-19		
515	58	M.Tech -CSE	17D08109	Neural Networks	2018-19		
516	58	M.Tech -CSE	17D58103	Professional Aspects In Software Engineering	2018-19		
517	58	M.Tech -CSE	17D08206	Artificial Intelligence	2018-19		
518	58	M.Tech -CSE	17D08104	Internals of Operating Systems	2018-19		
519	58	M.Tech -CSE	17D58104	Multicore Architecture & Programming	2018-19		
520	58	M.Tech -CSE	17D08110	Advance Data Structures & Algorithms Lab	2018-19		
521	58	M.Tech -CSE	17D58105	R & Analytics Lab	2018-19		
522	58	M.Tech -CSE	17D25214	Software Patterns Lab	2018-19		
523	58	M.Tech -CSE	17D08203	Cloud Computing	2018-19	R17	II SEM
524	58	M.Tech -CSE	17D25208	Big Data Analytics	2018-19		
525	58	M.Tech -CSE	17D08201	Mobile Application Development	2018-19		
526	58	M.Tech -CSE	17D25206	Internet of Things	2018-19		
527	58	M.Tech -CSE	17D25201	Advances in Software Testing	2018-19		
528	58	M.Tech -CSE	17D08103	Network Security & Cryptography	2018-19		
529	58	M.Tech -CSE	17D58201	NOSQL databases	2018-19		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
530	58	M.Tech -CSE	17D08208	Machine Learning	2018-19		
531	58	M.Tech -CSE	17D58202	Distributed Computing	2018-19		
532	58	M.Tech -CSE	17D25210	Software Configuration Management	2018-19		
533	58	M.Tech -CSE	17D58203	Natural Language Processing	2018-19		
534	58	M.Tech -CSE	17D08212	Map Reduce Programming Lab	2018-19		
535	58	M.Tech -CSE	17D58204	SPARK Programming Lab	2018-19		
536	58	M.Tech -CSE	17D08210	Mobile Application Development Lab	2018-19		
537	58	M.Tech -CSE	17D20301	Research Methodology	2018-19	R17	III SEM
538	58	M.Tech -CSE	17D20302	Human Values & Professional Ethics	2018-19		
539	58	M.Tech -CSE	17D20303	Intellectual Property Rights	2018-19		
540	58	M.Tech -CSE	17D58301	Elective-VI (MOOCs)	2018-19		
541	58	M.Tech -CSE	17D58302	Comprehensive Viva-Voice	2018-19		
542	58	M.Tech -CSE	17D58303	Seminar	2018-19		
543	58	M.Tech -CSE	17D58304	Teaching Assignment	2018-19		
544	58	M.Tech -CSE	17D58305	Project work Phase-I	2018-19		
545	58	M.Tech -CSE	17D58401	Project work Phase - II	2018-19	R17	IV SEM

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LIST OF COURSES OFFERED FOR A.Y. 2017-18

S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
1	01	CIVIL	15A52101	Functional English	2015-16	R15	I-I
2	01	CIVIL	15A54101	Mathematics	2015-16		
3	01	CIVIL	15A05101	Computer Programming	2015-16		
4	01	CIVIL	15A56101	Engineering Physics	2015-16		
5	01	CIVIL	15A03101	Engineering Drawing	2015-16		
6	01	CIVIL	15A52102	English Language Communication Skills Lab	2015-16		
7	01	CIVIL	15A56102	Engineering Physics Lab	2015-16		
8	01	CIVIL	15A05102	Computer Programming Lab	2015-16		
9	01	CIVIL	15A52201	English for Professional Communication	2015-16	R15	I-II
10	01	CIVIL	15A54201	Mathematics – II	2015-16		
11	01	CIVIL	15A01201	Engineering Mechanics	2015-16		
12	01	CIVIL	15A51101	Engineering Chemistry	2015-16		
13	01	CIVIL	15A01101	Environmental Studies	2015-16		
14	01	CIVIL	15A01202	Applied Mechanics Lab	2015-16		
15	01	CIVIL	15A51102	Engineering Chemistry Lab	2015-16		
16	01	CIVIL	15A99201	Engineering & IT Workshop	2015-16		
17	01	CIVIL	15A54301	Mathematics - III	2015-16	R15	II-I
18	01	CIVIL	15A01301	Electrical and Mechanical Technology	2015-16		
19	01	CIVIL	15A01302	Building Materials and Construction	2015-16		
20	01	CIVIL	15A01303	Strength of materials – I	2015-16		
21	01	CIVIL	15A01304	Surveying – I	2015-16		
22	01	CIVIL	15A01305	Fluid Mechanics	2015-16		
23	01	CIVIL	15A01306	Surveying Laboratory – I	2015-16		
24	01	CIVIL	15A01307	Strength of Materials Laboratory	2015-16		
25	01	CIVIL	15A54401	Probability and Statistics	2015-16	R15	II-II
26	01	CIVIL	15A52301	Managerial Economics & Financial Analysis	2015-16		
27	01	CIVIL	15A01401	Strength of Materials – II	2015-16		
28	01	CIVIL	15A01402	Surveying – II	2015-16		
29	01	CIVIL	15A01403	Structural Analysis – I	2015-16		
30	01	CIVIL	15A01404	Hydraulics & Hydraulic Machinery	2015-16		
31	01	CIVIL	15A01405	Fluid Mechanics & Hydraulic Machinery	2015-16		
32	01	CIVIL	15A01406	Surveying Laboratory – II	2015-16		
33	01	CIVIL	15A01407	Comprehensive Online Examination-I	2015-16		
34	01	CIVIL	15A01501	Design and Drawing of RCC Structures	2015-16	R15	III-I
35	01	CIVIL	15A01502	Estimation, Costing and Valuation	2015-16		
36	01	CIVIL	15A01503	Geotechnical Engineering – I	2015-16		
37	01	CIVIL	15A01504	Engineering Geology	2015-16		
38	01	CIVIL	15A01505	Structural Analysis – II	2015-16		
39	01	CIVIL	15A01506	Cost Effective Housing Techniques	2015-16		
40	01	CIVIL	15A01507	Water Harvesting and Conservation	2015-16		
41	01	CIVIL	15A01508	Engineering Geology Laboratory	2015-16		
42	01	CIVIL	15A01509	Geotechnical Engineering Laboratory	2015-16		
43	01	CIVIL	15A99501	Audit course - Social Values & Ethics	2015-16		
44	01	CIVIL	15A01601	Concrete Technology	2015-16	R15	III-II
45	01	CIVIL	15A01602	Design and Drawing of Steel Structures	2015-16		
46	01	CIVIL	15A01603	Geotechnical Engineering – II	2015-16		
47	01	CIVIL	15A01604	Transportation Engineering – I	2015-16		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
48	01	CIVIL	15A01605	Water Resources Engineering – I	2015-16		
49	01	CIVIL	15A01606	Remote Sensing & GIS	2015-16		
50	01	CIVIL	15A01607	Disaster Management & Mitigation	2015-16		
51	01	CIVIL	15A01608	Intellectual Property Rights	2015-16		
52	01	CIVIL	15A01609	Concrete Technology Laboratory	2015-16		
53	01	CIVIL	15A01610	Transportation Engineering Laboratory	2015-16		
54	01	CIVIL	15A52602	Advanced English Language Communication Skills	2015-16		
55	01	CIVIL	15A01611	Comprehensive Online Examination-II	2015-16		
56	01	CIVIL	13A52701	(MEFA)	2013-14	R13	IV-I
57	01	CIVIL	13A01701	Estimation, Costing and Valuation	2013-14		
58	01	CIVIL	13A01702	Geotechnical Engineering – II	2013-14		
59	01	CIVIL	13A01703	Transportation Engineering – II	2013-14		
60	01	CIVIL	13A01704	Design & Drawing of Irrigation Structures	2013-14		
61	01	CIVIL	13A01705	Ground improvement techniques	2013-14		
62	01	CIVIL	13A01706	Air Pollution and Quality Control	2013-14		
63	01	CIVIL	13A01707	Bridge Engineering	2013-14		
64	01	CIVIL	13A01708	Earth Quake Resistant Design of structures	2013-14		
65	01	CIVIL	13A01709	Rehabilitation and Retrofitting of Structures	2013-14		
66	01	CIVIL	13A01710	CAD Laboratory	2013-14		
67	01	CIVIL	13A01711	Transportation Engineering Laboratory	2013-14		
68	01	CIVIL	13A01801	Urban Transportation Planning	2013-14	R13	IV-II
69	01	CIVIL	13A01802	Environmental Impact Assessment and	2013-14		
70	01	CIVIL		Human Values & Professional Ethics (Audit)	2013-14		
71	01	CIVIL	13A01803	Remote Sensing & GIS	2013-14		
72	01	CIVIL	13A01804	Advanced Structural Engineering	2013-14		
73	01	CIVIL	13A01805	Pre Stressed Concrete	2013-14		
74	01	CIVIL	13A01806	Cost Effective Housing Techniques	2013-14		
75	01	CIVIL	13A01807	Technical Seminar	2013-14		
76	01	CIVIL	13A01808	Project Work	2013-14		
77	01	CIVIL	13A01809	Survey Camp	2013-14		
78	02	EEE	15A52101	Functional English	2017-18	R15	I-I
79	02	EEE	15A54101	Mathematics	2017-18		
80	02	EEE	15A05101	Computer Programming	2017-18		
81	02	EEE	15A56101	Engineering Physics	2017-18		
82	02	EEE	15A03101	Engineering Drawing	2017-18		
83	02	EEE	15A52102	English Language Communication Skills Lab	2017-18		
84	02	EEE	15A56102	Engineering Physics Lab	2017-18		
85	02	EEE	15A05102	Computer Programming Lab	2017-18		
86	02	EEE	15A54201	Mathematics – II	2017-18	R15	I-II
87	02	EEE	15A52201	English for Professional Communication	2017-18		
88	02	EEE	15A51101	Engineering Chemistry	2017-18		
89	02	EEE	15A01101	Environmental Studies	2017-18		
90	02	EEE	15A02201	Electrical Circuits – I	2017-18		
91	02	EEE	15A51102	Engineering Chemistry Lab	2017-18		
92	02	EEE	15A02202	Electrical Circuits Lab	2017-18		
93	02	EEE	15A99201	Engineering & IT Workshop	2017-18		
94	02	EEE	15A54301	Mathematics –III	2017-18	R15	II-I
95	02	EEE	15A02301	Electrical Circuits – II	2017-18		
96	02	EEE	15A02302	Electrical Machines – I	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
97	02	EEE	15A02303	Control Systems Engineering	2017-18		
98	02	EEE	15A04301	Electronic Devices & Circuits	2017-18		
99	02	EEE	15A05201	Data Structures	2017-18		
100	02	EEE	15A02305	Electric Circuits Simulation Laboratory	2017-18		
101	02	EEE	15A04305	Electronic Devices & Circuits Laboratory	2017-18		
102	02	EEE	15A54402	Mathematics – IV	2017-18	R15	II-II
103	02	EEE	15A52301	Managerial Economics and Financial Analysis	2017-18		
104	02	EEE	15A02401	Electrical Machines – II	2017-18		
105	02	EEE	15A02402	Electrical Power Generating Systems	2017-18		
106	02	EEE	15A02403	Electromagnetic Fields	2017-18		
107	02	EEE	15A04409	Analog Electronic Circuits	2017-18		
108	02	EEE	15A02404	Electrical Machines Laboratory – I	2017-18		
109	02	EEE	15A02405	Control Systems & Simulation Laboratory	2017-18		
110	02	EEE	15A02406	Comprehensive Online Examination – I	2017-18		
111	02	EEE	15A02501	Electrical Measurements	2017-18	R15	III-I
112	02	EEE	15A04509	Linear & Digital IC Applications	2017-18		
113	02	EEE	15A02502	Electrical Power Transmission Systems	2017-18		
114	02	EEE	15A02503	Power Electronics	2017-18		
115	02	EEE	15A02504	Electrical Machines – III	2017-18		
116	02	EEE	15A04510	Digital Circuits and Systems	2017-18		
117	02	EEE	15A02505	Networks Signals and Systems	2017-18		
118	02	EEE	15A02506	Electrical Machines Laboratory – II	2017-18		
119	02	EEE	15A02507	Electrical Measurements Laboratory	2017-18		
120	02	EEE	15A99501	Audit course – Social Values & Ethics	2017-18		
121	02	EEE	15A52601	Management Science	2017-18	R15	III-II
122	02	EEE	15A02601	Power Semiconductor Drives	2017-18		
123	02	EEE	15A02602	Power System Protection	2017-18		
124	02	EEE	15A04601	Microprocessors & Microcontrollers	2017-18		
125	02	EEE	15A02603	Power System Analysis	2017-18		
126	02	EEE	15A02604	Neural Networks & Fuzzy Logic	2017-18		
127	02	EEE	15A02605	Programmable Logic Controller & Its Applications	2017-18		
128	02	EEE	15A02606	Optimization Techniques	2017-18		
129	02	EEE	15A01608	Intellectual Property Rights	2017-18		
130	02	EEE	15A04607	Microprocessors & Microcontrollers Laboratory	2017-18		
131	02	EEE	15A02607	Power Electronics & Simulation Laboratory	2017-18		
132	02	EEE	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2017-18		
133	02	EEE	15A02608	Comprehensive Online Examination - II	2017-18		
134	02	EEE	13A02701	Electrical Distribution Systems	2017-18	R13	IV-I
135	02	EEE	13A02702	Digital Signal Processing	2017-18		
136	02	EEE	13A02703	HVDC Transmission	2017-18		
137	02	EEE	13A02704	Flexible AC Transmission Systems	2017-18		
138	02	EEE	13A02705	Instrumentation	2017-18		
139	02	EEE	13A02706	Design of Electrical Systems	2017-18		
140	02	EEE	13A04712	Communication Systems	2017-18		
141	02	EEE	13A02707	Applications to Electrical Systems	2017-18		
142	02	EEE	13A04605	Microprocessors and microcontrollers lab	2017-18		
143	02	EEE	13A02708	Power Electronics and Simulation Lab	2017-18		
144	02	EEE	13A02801	Power Quality	2017-18	R13	IV-II

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145	02	EEE	13A02802	Utilization Of Electrical Energy	2017-18		
146	02	EEE	13A02803	Modern Control Theory	2017-18		
147	02	EEE	13A02804	Special Electro Mechanical Systems	2017-18		
148	02	EEE	13A02805	Power System Deregulation	2017-18		
149	02	EEE	13A02806	Switch Mode Power Converters	2017-18		
150	02	EEE	13A02807	Reliability Engineering &	2017-18		
151	02	EEE	13A02808	Applications to Power Systems	2017-18		
152	02	EEE	13A02809	High Voltage Engineering Smart Grid	2017-18		
153	02	EEE	13A028010	Energy Auditing & Demand Side Management	2017-18		
154	02	EEE	13A02811	Seminar & Comprehensive viva voce	2017-18		
155	02	EEE	13A02812	Project	2017-18		
156	03	ME	15A52101	Functional English	2017-18	R15	I-I
157	03	ME	15A54101	Mathematics – I	2017-18		
158	03	ME	15A05101	Computer Programming	2017-18		
159	03	ME	15A51101	Engineering Chemistry	2017-18		
160	03	ME	15A01101	Environmental Studies	2017-18		
161	03	ME	15A52102	English Language Communication Skills Lab	2017-18		
162	03	ME	15A51102	Engineering Chemistry Lab	2017-18		
163	03	ME	15A05102	Computer Programming Lab	2017-18		
164	03	ME	15A52201	English for Professional Communication	2017-18	R15	I-II
165	03	ME	15A54201	Mathematics – II	2017-18		
166	03	ME	15A03201	Material Science and Engineering	2017-18		
167	03	ME	15A56101	Engineering Physics	2017-18		
168	03	ME	15A03101	Engineering Drawing	2017-18		
169	03	ME	15A03202	Material Science and Engineering Lab	2017-18		
170	03	ME	15A56102	Engineering Physics Lab	2017-18		
171	03	ME	15A99201	Engineering & IT Workshop	2017-18		
172	03	ME	15A54301	Mathematics - III	2017-18	R15	II-I
173	03	ME	15A52301	Managerial Economics & Financial Analysis	2017-18		
174	03	ME	15A01308	Mechanics of Solids	2017-18		
175	03	ME	15A03301	Engineering Drawing for Mechanical Engineers	2017-18		
176	03	ME	15A03302	Engineering Mechanics	2017-18		
177	03	ME	15A03303	Thermodynamics	2017-18		
178	03	ME	15A01309	Mechanics of Solids Lab	2017-18		
179	03	ME	15A03304	Computer Aided Drafting Lab	2017-18		
180	03	ME	15A54401	Probability and Statistics	2017-18	R15	II-II
181	03	ME	15A99301	Basic Electrical and Electronics Engineering	2017-18		
182	03	ME	15A03401	Machine Drawing	2017-18		
183	03	ME	15A03402	Kinematics of Machines	2017-18		
184	03	ME	15A03403	Thermal Engineering – 1	2017-18		
185	03	ME	15A03404	Manufacturing Technology	2017-18		
186	03	ME	15A03405	Thermal Engineering Laboratory	2017-18		
187	03	ME	15A03406	Manufacturing Technology Laboratory	2017-18		
188	03	ME	15A03407	Comprehensive Online Examination-I	2017-18		
189	03	ME	15A01510	Fluid Mechanics and Hydraulic Machines	2017-18	R15	III-I
190	03	ME	15A03501	Thermal Engineering - II	2017-18		
191	03	ME	15A03502	Dynamics of Machinery	2017-18		
192	03	ME	15A03503	Machine Tools	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
193	03	ME	15A03504	Design of Machine Members - I	2017-18		
194	03	ME	15A03505	Entrepreneurship	2017-18		
195	03	ME	15A03506	Nano Technology	2017-18		
196	03	ME	15A03507	Micro Electro Mechanical Systems	2017-18		
197	03	ME	15A01511	Fluid Mechanics and Hydraulic Machines	2017-18		
198	03	ME	15A03508	Machine Tools Laboratory	2017-18		
199	03	ME	15A99501	Audit course – Social Values & Ethics	2017-18		
200	03	ME	15A03601	Operations Research	2017-18	R15	III-II
201	03	ME	15A03602	Design of Machine Members – II	2017-18		
202	03	ME	15A03603	Heat Transfer	2017-18		
203	03	ME	15A03604	Finite Element Method	2017-18		
204	03	ME	15A03605	Metal forming Process	2017-18		
205	03	ME	15A03606	Non Conventional Source of Energy	2017-18		
206	03	ME	15A03607	Total Quality Management	2017-18		
207	03	ME	15A03608	Mechatronics	2017-18		
208	03	ME	15A01608	Intellectual Property Rights	2017-18		
209	03	ME	15A03609	Heat Transfer Laboratory	2017-18		
210	03	ME	15A03610	Computer Aided Engineering Laboratory	2017-18		
211	03	ME	15A52602	Advanced English Language Communication Skills (AELCS) Laboratory (Audit Course)	2017-18		
212	03	ME	15A03611	Comprehensive Online Examination - II	2017-18		
213	03	ME	13A03701	Operations Research	2017-18	R13	IV-I
214	03	ME	13A03702	Automation & Robotics	2017-18		
215	03	ME	13A03703	Finite Element Methods	2017-18		
216	03	ME	13A03704	Metrology & Measurements	2017-18		
217	03	ME	13A03705	Computational Fluid Dynamics	2017-18		
218	03	ME	13A03706	Mechatronics	2017-18		
219	03	ME	13A03707	Concurrent Engineering	2017-18		
220	03	ME	13A03708	Production & Operations Management	2017-18		
221	03	ME	13A03709	Metrology & Measurements Lab	2017-18		
222	03	ME	13A03710	Computer Aided Engineering Lab	2017-18		
223	03	ME	13A03801	Industrial Engineering & Management	2017-18	R13	IV-II
224	03	ME	13A03802	Power Plant Engineering	2017-18		
225	03	ME	13A03803	Gas Turbines & Jet Propulsion	2017-18		
226	03	ME	13A03804	Tool Design	2017-18		
227	03	ME	13A03805	Tribology	2017-18		
228	03	ME	13A03806	Composite Material	2017-18		
229	03	ME	13A03807	Modern Manufacturing Methods	2017-18		
230	03	ME	13A03808	Design of Heat Transfer Equipment	2017-18		
231	03	ME	13A03809	Mechanical Vibrations	2017-18		
232	03	ME	13A03810	Product Design	2017-18		
233	03	ME	13A03811	Seminar & Comprehensive Viva-Voce	2017-18		
234	03	ME	13A03812	Project	2017-18		
235	04	ECE	15A52101	Functional English	2017-18	R15	I-I
236	04	ECE	15A54101	Mathematics – I	2017-18		
237	04	ECE	15A05101	Computer Programming	2017-18		
238	04	ECE	15A51101	Engineering Chemistry	2017-18		
239	04	ECE	15A01101	Environmental Studies	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
240	04	ECE	15A52102	English Language Communication Skills Lab	2017-18		
241	04	ECE	15A51102	Engineering Chemistry Lab	2017-18		
242	04	ECE	15A05102	Computer Programming Lab	2017-18		
243	04	ECE	15A52201	English for Professional Communication	2017-18	R15	I-II
244	04	ECE	15A54201	Mathematics – II	2017-18		
245	04	ECE	15A04201	Network Analysis	2017-18		
246	04	ECE	15A56101	Engineering Physics	2017-18		
247	04	ECE	15A03101	Engineering Drawing	2017-18		
248	04	ECE	15A04202	Network Analysis Lab	2017-18		
249	04	ECE	15A56102	Engineering Physics Lab	2017-18		
250	04	ECE	15A99201	Engineering and IT Workshop	2017-18		
251	04	ECE	15A54301	Mathematics-III	2017-18	R15	II-I
252	04	ECE	15A04301	Electronic Devices and Circuits	2017-18		
253	04	ECE	15A04302	Switching Theory and Logic Design	2017-18		
254	04	ECE	15A04303	Signals and Systems	2017-18		
255	04	ECE	15A04304	Probability Theory and Stochastic Processes	2017-18		
256	04	ECE	15A02306	Electrical Technology	2017-18		
257	04	ECE	15A04305	Electronic Devices and Circuits Laboratory	2017-18		
258	04	ECE	15A02307	Electrical Technology and Basic Simulation Laboratory	2017-18		
259	04	ECE	15A54402	Mathematics-IV	2017-18	R15	II-II
260	04	ECE	15A04401	Electronic Circuit Analysis	2017-18		
261	04	ECE	15A04402	Analog Communication Systems	2017-18		
262	04	ECE	15A04403	Electromagnetic Theory and Transmission Lines	2017-18		
263	04	ECE	15A05201	Data Structures	2017-18		
264	04	ECE	15A02303	Control Systems Engineering	2017-18		
265	04	ECE	15A04404	Electronic Circuit Analysis Laboratory	2017-18		
266	04	ECE	15A04405	Analog Communication Systems Laboratory	2017-18		
267	04	ECE	15A04406	Comprehensive Online Examination-I	2017-18		
268	04	ECE	15A04511	Computer Organization	2017-18	R15	III-I
269	04	ECE	15A04501	Antennas and Wave Propagation	2017-18		
270	04	ECE	15A04502	Digital Communication Systems	2017-18		
271	04	ECE	15A04503	Linear Integrated Circuits and Applications	2017-18		
272	04	ECE	15A04504	Digital System Design	2017-18		
273	04	ECE	15A04505	Linux Programming & Scripting	2017-18		
274	04	ECE	15A04506	MEMS & Microsystems	2017-18		
275	04	ECE	15A04507	IC Applications Laboratory	2017-18		
276	04	ECE	15A04508	Digital Communication Systems Laboratory	2017-18		
277	04	ECE	15A99501	Audit course – Social Values & Ethics	2017-18		
278	04	ECE	15A52301	Managerial Economics and Financial Analysis	2017-18	R15	III-II
279	04	ECE	15A04601	Microprocessors & Microcontrollers	2017-18		
280	04	ECE	15A04602	Electronic Measurements and Instrumentation	2017-18		
281	04	ECE	15A04603	Digital Signal Processing	2017-18		
282	04	ECE	15A04604	VLSI Design	2017-18		
283	04	ECE	15A04605	MATLAB Programming	2017-18		
284	04	ECE	15A04606	Industrial Electronics	2017-18		
285	04	ECE	15A04610	Neural Networks & Fuzzy Systems	2017-18		
286	04	ECE	15A01608	Intellectual Property Rights	2017-18		
287	04	ECE	15A04607	Microprocessors & Microcontrollers Laboratory	2017-18		
288	04	ECE	15A04608	Digital Signal Processing Laboratory	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
289	04	ECE	15A52602	Advanced English Language Communication Skills	2017-18		
290	04	ECE	15A04609	Comprehensive Online Examination-II	2017-18		
291	04	ECE	13A52601	Management Science	2017-18	R13	IV-I
292	04	ECE	13A04701	VLSI Design	2017-18		
293	04	ECE	13A04702	Optical Fibre Communication	2017-18		
294	04	ECE	13A04703	Embedded Systems	2017-18		
295	04	ECE	13A04704	Digital Image Processing	2017-18		
296	04	ECE	13A04705	RADAR & Navigational Aids	2017-18		
297	04	ECE	13A04706	T.V Engineering	2017-18		
298	04	ECE	13A04707	VLSI & Embedded Systems Lab	2017-18		
299	04	ECE	13A04708	Microwave & Optical Communications Lab	2017-18		
300	04	ECE	13A04801	Mobile Communication	2017-18	R13	IV-II
301	04	ECE	13A04802	Computer Networks	2017-18		
302	04	ECE	13A04803	Satellite Communication	2017-18		
303	04	ECE	13A04804	Spread Spectrum Communication	2017-18		
304	04	ECE	13A04805	Multimedia Communication	2017-18		
305	04	ECE	13A04806	Bio-Medical Instrumentation	2017-18		
306	04	ECE	13A04807	Speech Processing	2017-18		
307	04	ECE	13A04808	DSP Processors & Architectures	2017-18		
308	04	ECE	13A04809	Seminar & Comprehensive Viva-voce	2017-18		
309	04	ECE	13A04810	Project work	2017-18		
310	05	CSE	15A52101	Functional English	2017-18	R15	I-I
311	05	CSE	15A54101	Mathematics	2017-18		
312	05	CSE	15A05101	Computer Programming	2017-18		
313	05	CSE	15A56101	Engineering Physics	2017-18		
314	05	CSE	15A03101	Engineering Drawing	2017-18		
315	05	CSE	15A52102	English Language Communication Skills Lab	2017-18		
316	05	CSE	15A56102	Engineering Physics Lab	2017-18		
317	05	CSE	15A05102	Computer Programming Lab	2017-18		
318	05	CSE	15A52201	English for Professional Communication	2017-18	R15	I-II
319	05	CSE	15A54201	Mathematics – II	2017-18		
320	05	CSE	15A05201	Data Structures	2017-18		
321	05	CSE	15A51101	Engineering Chemistry	2017-18		
322	05	CSE	15A01101	Environmental Studies	2017-18		
323	05	CSE	15A05202	Data Structures Lab	2017-18		
324	05	CSE	15A51102	Engineering Chemistry Lab	2017-18		
325	05	CSE	15A99201	Engineering & IT Workshop	2017-18		
326	05	CSE	15A54301	Mathematics III	2017-18	R15	II-I
327	05	CSE	15A05301	Database Management Systems	2017-18		
328	05	CSE	15A05302	Discrete Mathematics	2017-18		
329	05	CSE	15A99301	Basic Electrical and Electronics Engineering	2017-18		
330	05	CSE	15A04306	Digital Logic Design	2017-18		
331	05	CSE	15A52301	Managerial Economics and Financial Analysis	2017-18		
332	05	CSE	15A05303	Database Management Systems Laboratory	2017-18		
333	05	CSE	15A99302	Basic Electrical and Electronics Laboratory	2017-18		
334	05	CSE	15A54401	Probability and Statistics	2017-18	R15	II-II
335	05	CSE	15A05401	Software Engineering	2017-18		
336	05	CSE	15A05402	Computer Organization	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
337	05	CSE	15A04407	Microprocessors & Interfacing	2017-18		
338	05	CSE	15A05403	Object Oriented Programming using Java	2017-18		
339	05	CSE	15A05404	Formal Languages and Automata Theory	2017-18		
340	05	CSE	15A04408	Microprocessors & Interfacing Laboratory	2017-18		
341	05	CSE	15A05405	Java Programming Laboratory	2017-18		
342	05	CSE	15A05406	Comprehensive Online Examination-I	2017-18		
343	05	CSE	15A05501	Operating Systems	2017-18	R15	III-I
344	05	CSE	15A05502	Computer Networks	2017-18		
345	05	CSE	15A05503	Object Oriented Analysis and Design	2017-18		
346	05	CSE	15A05504	Principles of Programming Languages	2017-18		
347	05	CSE	15A05505	Software Testing	2017-18		
348	05	CSE	15A05506	Introduction to Big Data	2017-18		
349	05	CSE	15A05507	R Programming	2017-18		
350	05	CSE	15A05508	Introduction to Operations Management	2017-18		
351	05	CSE	15A05509	Object Oriented Analysis and Design & Software Te	2017-18		
352	05	CSE	15A05510	Operating Systems Laboratory	2017-18		
353	05	CSE	15A99501	Social Values & Ethics (Audit Course)	2017-18		
354	05	CSE	15A05601	Compiler Design	2017-18	R15	III-II
355	05	CSE	15A05602	Data Warehousing & Mining	2017-18		
356	05	CSE	15A05603	Design Patterns	2017-18		
357	05	CSE	15A05604	Design and Analysis of Algorithms	2017-18		
358	05	CSE	15A05605	Web and Internet Technologies	2017-18		
359	05	CSE	15A05606	Artificial Intelligence	2017-18		
360	05	CSE	15A05607	Linux Environment System	2017-18		
361	05	CSE	15A05608	System Applications & Product (SAP)	2017-18		
362	05	CSE	15A01608	Intellectual Property Rights	2017-18		
363	05	CSE	15A05609	Web and Internet Technologies Laboratory	2017-18		
364	05	CSE	15A05610	Data Warehousing & Mining Laboratory	2017-18		
365	05	CSE	15A52602	Advanced English Language Communication Skills	2017-18		
366	05	CSE	15A05611	Comprehensive Online Examination-II	2017-18		
367	05	CSE	13A05701	Computer Graphics & Multimedia	2017-18	R13	IV-I
368	05	CSE	13A05702	Cryptography & Network Security	2017-18		
369	05	CSE	13A05703	Service Oriented Architecture	2017-18		
370	05	CSE	13A05704	Mobile Application Development	2017-18		
371	05	CSE	13A05705	Information Retrieval Systems	2017-18		
372	05	CSE	13A05706	Human Computer Interaction	2017-18		
373	05	CSE	13A05707	Computer Forensics	2017-18		
374	05	CSE	13A05708	Digital Image Processing	2017-18		
375	05	CSE	13A05709	Computer Networks and Network Security Lab	2017-18		
376	05	CSE	13A05710	Mobile Application Development and Computer G	2017-18		
377	05	CSE	13A52601	Management Science	2017-18	R13	IV-II
378	05	CSE	13A05801	Cloud Computing	2017-18		
379	05	CSE	13A05802	Software Project Management	2017-18		
380	05	CSE	13A05803	Software Architecture & Design Patterns	2017-18		
381	05	CSE	13A05804	Storage Area Networks	2017-18		
382	05	CSE	13A05805	Artificial Intelligence	2017-18		
383	05	CSE	13A05806	Parallel and Randomized Algorithms	2017-18		
384	05	CSE	13A05807	Embedded Systems	2017-18		
385	05	CSE	13A05808	Game Theory	2017-18		

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386	05	CSE	13A05809	Adhoc and Sensor Networks	2017-18		
387	05	CSE	13A05810	Seminar & Comprehensive Viva-Voce	2017-18		
388	05	CSE	13A05811	Project	2017-18		
389	20	Tech -ST.E	17D20101	Advanced Mathematical Methods	2017-18		I-I
390	20	Tech -ST.E	17D20102	Advanced Structural Analysis	2017-18		
391	20	Tech -ST.E	17D20103	Theory Of Elasticity And Plasticity	2017-18		
392	20	Tech -ST.E	17D20104	Theory And Analysis Of Plates	2017-18		
393	20	Tech -ST.E	17D20105	Experimental Stress Analysis	2017-18		
394	20	Tech -ST.E	17D20106	Advanced Concrete Technology	2017-18		
395	20	Tech -ST.E	17D20107	Low Cost Housing Techniques	2017-18		
396	20	Tech -ST.E	17D20108	Prestressed Concrete	2017-18		
397	20	Tech -ST.E	17D20109	Maintenance And Rehabilitation Of Structures	2017-18		
398	20	Tech -ST.E	17D20110	Advanced Foundation Engineering	2017-18		
399	20	Tech -ST.E	17D20111	Advanced Concrete Laboratory	2017-18		
400	20	Tech -ST.E	17D20201	Structural Dynamics	2017-18		I-II
401	20	Tech -ST.E	17D20202	Finite Element Methods	2017-18		
402	20	Tech -ST.E	17D20203	Stability Of Structures	2017-18		
403	20	Tech -ST.E	17D20204	Analysis Of Shells And Folded Plates	2017-18		
404	20	Tech -ST.E	17D20205	Design Of Bridges	2017-18		
405	20	Tech -ST.E	17D20206	Advanced Structural Design	2017-18		
406	20	Tech -ST.E	17D20207	Earthquake Resistant Structures	2017-18		
407	20	Tech -ST.E	17D20208	Advanced Steel Structures	2017-18		
408	20	Tech -ST.E	17D20209	Building Construction And Management	2017-18		
409	20	Tech -ST.E	17D20210	Fracture Mechanics	2017-18		
410	20	Tech -ST.E	17D20211	Structural Design Studio	2017-18		
411	20	Tech -ST.E	12D20401	Seminar	2009-10	R09	
412	20	Tech -ST.E	12D20402	Project work	2009-10		
413	07	A.Tech -EP	17D49101	Advanced Power System Protection	2017-18	R17	I SEM
414	07	A.Tech -EP	17D49102	Machine Modeling and Analysis	2017-18		
415	07	A.Tech -EP	17D49103	Optimization & Heuristic Search Techniques	2017-18		
416	07	A.Tech -EP	17D49104	Restructured Power Systems	2017-18		
417	07	A.Tech -EP	17D49105	Modern Control Engineering & Principles of	2017-18		
418	07	A.Tech -EP	17D49106	FACTS Controllers	2017-18		
419	07	A.Tech -EP	17D49107	Solar Energy Conversion Systems	2017-18		
420	07	A.Tech -EP	17D49108	Power System Wide Area Monitoring & Control	2017-18		
421	07	A.Tech -EP	17D49109	Energy Auditing and Management	2017-18		
422	07	A.Tech -EP	17D49110	State Estimation Techniques	2017-18		
423	07	A.Tech -EP	17D49111	Machines & Power Systems Lab	2017-18		
424	07	A.Tech -EP	17D49201	Reliability Engineering and Application to Power	2017-18	R17	II SEM
425	07	A.Tech -EP	17D49202	Power Quality	2017-18		
426	07	A.Tech -EP	17D49203	Smart Grid Technologies	2017-18		
427	07	A.Tech -EP	17D49204	Power System Stability & Control	2017-18		
428	07	A.Tech -EP	17D49205	Reactive Power Compensation & Management	2017-18		
429	07	A.Tech -EP	17D49206	Power System Optimization	2017-18		
430	07	A.Tech -EP	17D49207	HVDC & EHVAC Transmission Systems	2017-18		
431	07	A.Tech -EP	17D49208	Distributed Generation & Micro grid Control	2017-18		
432	07	A.Tech -EP	17D49209	Wind Energy Conversion Systems	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
433	07	M.Tech -EP	17D49210	Intelligent Control Techniques	2017-18		
434	07	M.Tech -EP	17D49211	Power System Simulation Lab	2017-18		
435	07	M.Tech -EP	9D49401	Seminar	2009-10		
436	07	M.Tech -EP	9D49402	Project work	2009-10		
437	88	h -Therma	17D11102	Advanced Thermodynamics	2017-18	R17	I SEM
438	88	h -Therma	17D11201	Advanced Heat & Mass Transfer	2017-18		
439	88	h -Therma	17D88101	Turbo Machines	2017-18		
440	88	h -Therma	17D88102	Fuels, Combustion & Environment	2017-18		
441	88	h -Therma	17D88103	Refrigeration & Air Conditioning	2017-18		
442	88	h -Therma	17D88104	Equipment design for Thermal Systems	2017-18		
443	88	h -Therma	17D11206	Optimization Techniques & its Applications	2017-18		
444	88	h -Therma	17D88105	FEA in Thermal Engineering	2017-18		
445	88	h -Therma	17D88106	Design of heat exchangers	2017-18		
446	88	h -Therma	17D88107	Energy resources	2017-18		
447	88	h -Therma	17D88108	Advanced Thermal Engineering Laboratory	2017-18		
448	88	h -Therma	17D11209	Advanced I.C. Engines	2017-18	R17	II SEM
449	88	h -Therma	17D11204	Computational Fluid Dynamics	2017-18		
450	88	h -Therma	17D11108	Instrumentation for thermal Engineering	2017-18		
451	88	h -Therma	17D88201	Design of thermal systems	2017-18		
452	88	h -Therma	17D17107	Cryogenics Engineering	2017-18		
453	88	h -Therma	17D88202	Thermal & Nuclear Power Plants	2017-18		
454	88	h -Therma	17D88203	Jet Propulsion & Rocketry	2017-18		
455	88	h -Therma	17D88204	Environmental Engineering Pollution Control	2017-18		
456	88	h -Therma	17D88205	Alternative energy sources	2017-18		
457	88	h -Therma	17D88206	Air craft and space Propulsion	2017-18		
458	88	h -Therma	17D88207	Computational Fluid Dynamics Laboratory	2017-18		
459	88	h -Therma	12D88401	Seminar	2009-10	R09	
460	88	h -Therma	12D88402	Project work	2009-10		
461	57	Tech -VLSI	17D06101	Structural Digital System Design	2017-18	R17	I SEM
462	57	Tech -VLSI	17D57101	Advanced MOSFET Modeling	2017-18		
463	57	Tech -VLSI	17D57102	CMOS Analog IC Design	2017-18		
464	57	Tech -VLSI	17D57103	CMOS Digital IC Design	2017-18		
465	57	Tech -VLSI	17D57104	VLSI Signal Processing	2017-18		
466	57	Tech -VLSI	17D06103	Advanced Computer Architecture	2017-18		
467	57	Tech -VLSI	17D57105	CAD for VLSI	2017-18		
468	57	Tech -VLSI	17D06202	CPLD and FPGA Architectures and Applications	2017-18		
469	57	Tech -VLSI	17D55206	ASIC Design	2017-18		
470	57	Tech -VLSI	17D57106	Optimization Techniques in VLSI Design	2017-18		
471	57	Tech -VLSI	17D38107	Structural Digital System Design Lab	2017-18		
472	57	Tech -VLSI	17D57107	VLSI System Design Lab - I	2017-18		
473	57	Tech -VLSI	17D57201	Low Power VLSI Design	2017-18	R17	II SEM
474	57	Tech -VLSI	17D57202	CMOS Mixed signal Design	2017-18		
475	57	Tech -VLSI	17D06201	Embedded System Design	2017-18		
476	57	Tech -VLSI	17D06109	Test and Testability	2017-18		
477	57	Tech -VLSI	17D55201	System On Chip Architecture	2017-18		
478	57	Tech -VLSI	17D57203	Semiconductor Memory Design and Testing	2017-18		
479	57	Tech -VLSI	17D57204	RF IC Design	2017-18		
480	57	Tech -VLSI	17D38202	Internet of Things	2017-18		

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S.No.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
481	57	Tech -VLSI	17D55204	Hardware and Software Co-design of Embedded	2017-18		
482	57	Tech -VLSI	17D57205	Physical Design Automation	2017-18		
483	57	Tech -VLSI	17D38208	Embedded System Design Lab	2017-18		
484	57	Tech -VLSI	17D57206	VLSI System Design Lab - II	2017-18		
485	57	Tech -VLSI	9D57401	Seminar	2009-10	R09	
486	57	Tech -VLSI	9D57402	Project work	2009-10		
487	58	A.Tech -CS	17D08101	Advanced Data Structures and Algorithms	2017-18	R17	I SEM
488	58	A.Tech -CS	17D25102	Fundamentals of Data Science	2017-18		
489	58	A.Tech -CS	17D25203	Software Patterns	2017-18		
490	58	A.Tech -CS	17D25207	Software Project Management	2017-18		
491	58	A.Tech -CS	17D58101	Information Security	2017-18		
492	58	A.Tech -CS	17D58102	Distributed Databases	2017-18		
493	58	A.Tech -CS	17D08109	Neural Networks	2017-18		
494	58	A.Tech -CS	17D58103	Professional Aspects In Software Engineering	2017-18		
495	58	A.Tech -CS	17D08206	Artificial Intelligence	2017-18		
496	58	A.Tech -CS	17D08104	Internals of Operating Systems	2017-18		
497	58	A.Tech -CS	17D58104	Multicore Architecture & Programming	2017-18		
498	58	A.Tech -CS	17D08110	Advance Data Structures & Algorithms Lab	2017-18		
499	58	A.Tech -CS	17D58105	R & Analytics Lab	2017-18		
500	58	A.Tech -CS	17D25214	Software Patterns Lab	2017-18		
501	58	A.Tech -CS	17D08203	Cloud Computing	2017-18	R17	II SEM
502	58	A.Tech -CS	17D25208	Big Data Analytics	2017-18		
503	58	A.Tech -CS	17D08201	Mobile Application Development	2017-18		
504	58	A.Tech -CS	17D25206	Internet of Things	2017-18		
505	58	A.Tech -CS	17D25201	Advances In Software Testing	2017-18		
506	58	A.Tech -CS	17D08103	Network Security & Cryptography	2017-18		
507	58	A.Tech -CS	17D58201	NOSQL databases	2017-18		
508	58	A.Tech -CS	17D08208	Machine Learning	2017-18		
509	58	A.Tech -CS	17D58202	Distributed Computing	2017-18		
510	58	A.Tech -CS	17D25210	Software Configuration Management	2017-18		
511	58	A.Tech -CS	17D58203	Natural Language Processing	2017-18		
512	58	A.Tech -CS	17D08212	Map Reduce Programming Lab	2017-18		
513	58	A.Tech -CS	17D58204	SPARK Programming Lab	2017-18		
514	58	A.Tech -CS	17D08210	Mobile Application Development Lab	2017-18		
515	58	A.Tech -CS	9D58401	Seminar	2009-10	R09	IV SEM
516	58	A.Tech -CS	9D58402	Project work	2009-10		

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LIST OF COURSES OFFERED FOR A.Y. 2016-17

S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
1	01	CIVIL	15A52101	Functional English	2015-16	R15	I-I
2	01	CIVIL	15A54101	Mathematics	2015-16		
3	01	CIVIL	15A05101	Computer Programming	2015-16		
4	01	CIVIL	15A56101	Engineering Physics	2015-16		
5	01	CIVIL	15A03101	Engineering Drawing	2015-16		
6	01	CIVIL	15A52102	English Language Communication Skills Lab	2015-16		
7	01	CIVIL	15A56102	Engineering Physics Lab	2015-16		
8	01	CIVIL	15A05102	Computer Programming Lab	2015-16		
9	01	CIVIL	15A52201	English for Professional Communication	2015-16	R15	I-II
10	01	CIVIL	15A54201	Mathematics – II	2015-16		
11	01	CIVIL	15A01201	Engineering Mechanics	2015-16		
12	01	CIVIL	15A51101	Engineering Chemistry	2015-16		
13	01	CIVIL	15A01101	Environmental Studies	2015-16		
14	01	CIVIL	15A01202	Applied Mechanics Lab	2015-16		
15	01	CIVIL	15A51102	Engineering Chemistry Lab	2015-16		
16	01	CIVIL	15A99201	Engineering & IT Workshop	2015-16		
17	01	CIVIL	15A54301	Mathematics – III	2015-16	R15	II-I
18	01	CIVIL	15A01301	Electrical and Mechanical Technology	2015-16		
19	01	CIVIL	15A01302	Building Materials and Construction	2015-16		
20	01	CIVIL	15A01303	Strength of materials – I	2015-16		
21	01	CIVIL	15A01304	Surveying – I	2015-16		
22	01	CIVIL	15A01305	Fluid Mechanics	2015-16		
23	01	CIVIL	15A01306	Surveying Laboratory – I	2015-16		
24	01	CIVIL	15A01307	Strength of Materials Laboratory	2015-16		
25	01	CIVIL	15A54401	Probability and Statistics	2015-16	R15	II-II
26	01	CIVIL	15A52301	Managerial Economics & Financial Analysis	2015-16		
27	01	CIVIL	15A01401	Strength of Materials – II	2015-16		
28	01	CIVIL	15A01402	Surveying – II	2015-16		
29	01	CIVIL	15A01403	Structural Analysis – I	2015-16		
30	01	CIVIL	15A01404	Hydraulics & Hydraulic Machinery	2015-16		
31	01	CIVIL	15A01405	Fluid Mechanics & Hydraulic Machinery	2015-16		
32	01	CIVIL	15A01406	Surveying Laboratory – II	2015-16		
33	01	CIVIL	15A01407	Comprehensive Online Examination-I	2015-16		
34	01	CIVIL	13A01501	Building Planning & Drawing	2013-14	R13	III-I
35	01	CIVIL	13A01502	Design & Drawing of Reinforced Concrete Structures	2013-15		
36	01	CIVIL	13A01503	Concrete Technology	2013-16		
37	01	CIVIL	13A01504	Water Resources Engineering – I	2013-17		
38	01	CIVIL	13A01505	Structural Analysis – II	2013-18		
39	01	CIVIL	13A01506	Engineering Geology	2013-19		
40	01	CIVIL	13A01507	Engineering Geology Lab	2013-20		
41	01	CIVIL	13A01508	Concrete Technology Lab	2013-21		
42	01	CIVIL	13A52502	Advanced English Language Communication Skills	2013-22		
43	01	CIVIL	13A01601	Design & Drawing of Steel Structures	2013-23	R13	III-II

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
44	01	CIVIL	13A01602	Geotechnical Engineering – I	2013-24		
45	01	CIVIL	13A01603	Environmental Engineering	2013-25		
46	01	CIVIL	13A01604	Water Resources Engineering –II	2013-26		
47	01	CIVIL	13A01605	Estimating, Costing and Valuation	2013-27		
48	01	CIVIL	13A01606	Transportation Engineering –I	2013-28		
49	01	CIVIL	13A01607	Geotechnical Engineering Lab	2013-29		
50	01	CIVIL	13A01608	Environmental Engineering Lab	2013-30		
51	01	CIVIL	13A52301	Human Values & Professional Ethics (Audit)	2013-31		
52	01	CIVIL	13A52701	(MEFA)	2013-32	R13	IV-I
53	01	CIVIL	13A01701	Estimation, Costing and Valuation	2013-33		
54	01	CIVIL	13A01702	Geotechnical Engineering – II	2013-34		
55	01	CIVIL	13A01703	Transportation Engineering – II	2013-35		
56	01	CIVIL	13A01704	Design & Drawing of Irrigation Structures	2013-36		
57	01	CIVIL	13A01705	Ground improvement techniques	2013-37		
58	01	CIVIL	13A01706	Air Pollution and Quality Control	2013-38		
59	01	CIVIL	13A01707	Bridge Engineering	2013-39		
60	01	CIVIL	13A01708	Earth Quake Resistant Design of structures	2013-40		
61	01	CIVIL	13A01709	Rehabilitation and Retrofitting of Structures	2013-41		
62	01	CIVIL	13A01710	CAD Laboratory	2013-42		
63	01	CIVIL	13A01711	Transportation Engineering Laboratory	2013-43		
64	01	CIVIL	13A01801	Urban Transportation Planning	2013-44	R13	IV-II
65	01	CIVIL	13A01802	Environmental Impact Assessment and	2013-45		
66	01	CIVIL		Human Values & Professional Ethics (Audit)	2013-46		
67	01	CIVIL	13A01803	Remote Sensing & GIS	2013-47		
68	01	CIVIL	13A01804	Advanced Structural Engineering	2013-48		
69	01	CIVIL	13A01805	Pre Stressed Concrete	2013-49		
70	01	CIVIL	13A01806	Cost Effective Housing Techniques	2013-50		
71	01	CIVIL	13A01807	Technical Seminar	2013-51		
72	01	CIVIL	13A01808	Project Work	2013-52		
73	01	CIVIL	13A01809	Survey Camp	2013-53		
74	02	EEE	15A52101	Functional English	2015-16	R15	I-I
75	02	EEE	15A54101	Mathematics	2015-16		
76	02	EEE	15A05101	Computer Programming	2015-16		
77	02	EEE	15A56101	Engineering Physics	2015-16		
78	02	EEE	15A03101	Engineering Drawing	2015-16		
79	02	EEE	15A52102	English Language Communication Skills Lab	2015-16		
80	02	EEE	15A56102	Engineering Physics Lab	2015-16		
81	02	EEE	15A05102	Computer Programming Lab	2015-16		
82	02	EEE	15A54201	Mathematics – II	2015-16	R15	I-II
83	02	EEE	15A52201	English for Professional Communication	2015-16		
84	02	EEE	15A51101	Engineering Chemistry	2015-16		
85	02	EEE	15A01101	Environmental Studies	2015-16		
86	02	EEE	15A02201	Electrical Circuits – I	2015-16		
87	02	EEE	15A51102	Engineering Chemistry Lab	2015-16		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
88	02	EEE	15A02202	Electrical Circuits Lab	2015-16		
89	02	EEE	15A99201	Engineering & IT Workshop	2015-16		
90	02	EEE	15A54301	Mathematics –III	2015-16	R15	II-I
91	02	EEE	15A02301	Electrical Circuits – II	2015-16		
92	02	EEE	15A02302	Electrical Machines – I	2015-16		
93	02	EEE	15A02303	Control Systems Engineering	2015-16		
94	02	EEE	15A04301	Electronic Devices & Circuits	2015-16		
95	02	EEE	15A05201	Data Structures	2015-16		
96	02	EEE	15A02305	Electric Circuits Simulation Laboratory	2015-16		
97	02	EEE	15A04305	Electronic Devices & Circuits Laboratory	2015-16		
98	02	EEE	15A54402	Mathematics – IV	2015-16	R15	II-II
99	02	EEE	15A52301	Managerial Economics and Financial Analysis	2015-16		
100	02	EEE	15A02401	Electrical Machines – II	2015-16		
101	02	EEE	15A02402	Electrical Power Generating Systems	2015-16		
102	02	EEE	15A02403	Electromagnetic Fields	2015-16		
103	02	EEE	15A04409	Analog Electronic Circuits	2015-16		
104	02	EEE	15A02404	Electrical Machines Laboratory – I	2015-16		
105	02	EEE	15A02405	Control Systems & Simulation Laboratory	2015-16		
106	02	EEE	15A02406	Comprehensive Online Examination – I	2015-16		
107	02	EEE	13A52501	Managerial Economics and Financial Analysis	2015-16	R13	III-I
108	02	EEE	13A02501	Electrical & Electronic Measuring Instruments	2015-16		
109	02	EEE	13A04508	Linear & Digital IC Applications	2015-16		
110	02	EEE	13A02502	Electrical Power Transmission Systems	2015-16		
111	02	EEE	13A02503	Power Electronics	2015-16		
112	02	EEE	13A02504	Electrical Machines – III	2015-16		
113	02	EEE	13A02505	Electrical Machines Lab – II	2015-16		
114	02	EEE	13A02506	Control Systems and Simulation Lab	2015-16		
115	02	EEE	13A52301	Human Values & Professional Ethics (Audit)	2015-16		
116	02	EEE	13A52601	Management Science	2015-16	R13	III-II
117	02	EEE	13A02601	Power Semiconductor Drives	2015-16		
118	02	EEE	13A02602	Power System Protection	2015-16		
119	02	EEE	13A04601	Microprocessors and Microcontrollers	2015-16		
120	02	EEE	13A02603	Power System Operation and Control	2015-16		
121	02	EEE	13A02604	Power System Analysis	2015-16		
122	02	EEE	13A02605	Power Systems and Simulation Lab	2015-16		
123	02	EEE	13A02606	Electrical Measurements Lab	2015-16		
124	02	EEE	13A52502	Advanced English Language Communication Skills	2015-16		
125	02	EEE	13A02701	Electrical Distribution Systems	2015-16	R13	IV-I
126	02	EEE	13A02702	Digital Signal Processing	2015-16		
127	02	EEE	13A02703	HVDC Transmission	2015-16		
128	02	EEE	13A02704	Flexible AC Transmission Systems	2015-16		
129	02	EEE	13A02705	Instrumentation	2015-16		
130	02	EEE	13A02706	Design of Electrical Systems	2015-16		
131	02	EEE	13A04712	Communication Systems	2015-16		
132	02	EEE	13A02707	Applications to Electrical Systems	2015-16		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
133	02	EEE	13A04605	Microprocessors and microcontrollers lab	2015-16		
134	02	EEE	13A02708	Power Electronics and Simulation Lab	2015-16		
135	02	EEE	13A02801	Power Quality	2015-16	R13	IV-II
136	02	EEE	13A02802	Utilization Of Electrical Energy	2015-16		
137	02	EEE	13A02803	Modern Control Theory	2015-16		
138	02	EEE	13A02804	Special Electro Mechanical Systems	2015-16		
139	02	EEE	13A02805	Power System Deregulation	2015-16		
140	02	EEE	13A02806	Switch Mode Power Converters	2015-16		
141	02	EEE	13A02807	Reliability Engineering &	2015-16		
142	02	EEE	13A02808	Applications to Power Systems	2015-16		
143	02	EEE	13A02809	High Voltage Engineering Smart Grid	2015-16		
144	02	EEE	13A028010	Energy Auditing & Demand Side Management	2015-16		
145	02	EEE	13A02811	Seminar & Comprehensive viva voce	2015-16		
146	02	EEE	13A02812	Project	2015-16		
147	03	ME	15A52101	Functional English	2015-16	R15	I-I
148	03	ME	15A54101	Mathematics – I	2015-16		
149	03	ME	15A05101	Computer Programming	2015-16		
150	03	ME	15A51101	Engineering Chemistry	2015-16		
151	03	ME	15A01101	Environmental Studies	2015-16		
152	03	ME	15A52102	English Language Communication Skills Lab	2015-16		
153	03	ME	15A51102	Engineering Chemistry Lab	2015-16		
154	03	ME	15A05102	Computer Programming Lab	2015-16		
155	03	ME	15A52201	English for Professional Communication	2015-16	R15	I-II
156	03	ME	15A54201	Mathematics – II	2015-16		
157	03	ME	15A03201	Material Science and Engineering	2015-16		
158	03	ME	15A56101	Engineering Physics	2015-16		
159	03	ME	15A03101	Engineering Drawing	2015-16		
160	03	ME	15A03202	Material Science and Engineering Lab	2015-16		
161	03	ME	15A56102	Engineering Physics Lab	2015-16		
162	03	ME	15A99201	Engineering & IT Workshop	2015-16		
163	03	ME	15A54301	Mathematics - III	2015-16	R15	II-I
164	03	ME	15A52301	Managerial Economics & Financial Analysis	2015-16		
165	03	ME	15A01308	Mechanics of Solids	2015-16		
166	03	ME	15A03301	Engineering Drawing for Mechanical Engineers	2015-16		
167	03	ME	15A03302	Engineering Mechanics	2015-16		
168	03	ME	15A03303	Thermodynamics	2015-16		
169	03	ME	15A01309	Mechanics of Solids Lab	2015-16		
170	03	ME	15A03304	Computer Aided Drafting Lab	2015-16		
171	03	ME	15A54401	Probability and Statistics	2015-16	R15	II-II
172	03	ME	15A99301	Basic Electrical and Electronics Engineering	2015-16		
173	03	ME	15A03401	Machine Drawing	2015-16		
174	03	ME	15A03402	Kinematics of Machines	2015-16		
175	03	ME	15A03403	Thermal Engineering – 1	2015-16		
176	03	ME	15A03404	Manufacturing Technology	2015-16		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
177	03	ME	15A03405	Thermal Engineering Laboratory	2015-16		
178	03	ME	15A03406	Manufacturing Technology Laboratory	2015-16		
179	03	ME	15A03407	Comprehensive Online Examination-I	2015-16		
180	03	ME	13A03501	Hydraulic Machinery	2013-14	R13	III-I
181	03	ME	13A03502	Thermal Engineering - II	2013-14		
182	03	ME	13A03503	Dynamics of Machinery	2013-14		
183	03	ME	13A03504	Metal Forming Processes	2013-14		
184	03	ME	13A03505	Design of Machine Members - I	2013-14		
185	03	ME	13A03506	Heat Transfer	2013-14		
186	03	ME	13A03507	Heat Transfer Lab	2013-14		
187	03	ME	13A01509	Fluid Mechanics & Hydraulic Machinery Lab	2013-14		
188	03	ME	13A52501	Managerial Economics & Financial Analysis	2013-14	R13	III-II
189	03	ME	13A03601	CAD/CAM	2013-14		
190	03	ME	13A03602	Machine Tools	2013-14		
191	03	ME	13A03603	Refrigeration & Air Conditioning	2013-14		
192	03	ME	13A03604	Design of Machine Members - II	2013-14		
193	03	ME	13A03605	Automobile Engineering	2013-14		
194	03	ME	13A03606	CAD Lab	2013-14		
195	03	ME	13A03607	Machine Tools Lab	2013-14		
196	03	ME	13A52502	Advanced English language Comm. skills Lab(Audi)	2013-14		
197	03	ME	13A03701	Operations Research	2013-14	R13	IV-I
198	03	ME	13A03702	Automation & Robotics	2013-14		
199	03	ME	13A03703	Finite Element Methods	2013-14		
200	03	ME	13A03704	Metrology & Measurements	2013-14		
201	03	ME	13A03705	Computational Fluid Dynamics	2013-14		
202	03	ME	13A03706	Mechatronics	2013-14		
203	03	ME	13A03707	Concurrent Engineering	2013-14		
204	03	ME	13A03708	Production & Operations Management	2013-14		
205	03	ME	13A03709	Metrology & Measurements Lab	2013-14		
206	03	ME	13A03710	Computer Aided Engineering Lab	2013-14		
207	03	ME	13A03801	Industrial Engineering & Management	2013-14	R13	IV-II
208	03	ME	13A03802	Power Plant Engineering	2013-14		
209	03	ME	13A03803	Gas Turbines & Jet Propulsion	2013-14		
210	03	ME	13A03804	Tool Design	2013-14		
211	03	ME	13A03805	Tribology	2013-14		
212	03	ME	13A03806	Composite Material	2013-14		
213	03	ME	13A03807	Modern Manufacturing Methods	2013-14		
214	03	ME	13A03808	Design of Heat Transfer Equipment	2013-14		
215	03	ME	13A03809	Mechanical Vibrations	2013-14		
216	03	ME	13A03810	Product Design	2013-14		
217	03	ME	13A03811	Seminar & Comprehensive Viva-Voce	2013-14		
218	03	ME	13A03812	Project	2013-14		
219	04	ECE	15A52101	Functional English	2015-16	R15	I-I
220	04	ECE	15A54101	Mathematics - I	2015-16		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
221	04	ECE	15A05101	Computer Programming	2015-16		
222	04	ECE	15A51101	Engineering Chemistry	2015-16		
223	04	ECE	15A01101	Environmental Studies	2015-16		
224	04	ECE	15A52102	English Language Communication Skills Lab	2015-16		
225	04	ECE	15A51102	Engineering Chemistry Lab	2015-16		
226	04	ECE	15A05102	Computer Programming Lab	2015-16		
227	04	ECE	15A52201	English for Professional Communication	2015-16	R15	I-II
228	04	ECE	15A54201	Mathematics – II	2015-16		
229	04	ECE	15A04201	Network Analysis	2015-16		
230	04	ECE	15A56101	Engineering Physics	2015-16		
231	04	ECE	15A03101	Engineering Drawing	2015-16		
232	04	ECE	15A04202	Network Analysis Lab	2015-16		
233	04	ECE	15A56102	Engineering Physics Lab	2015-16		
234	04	ECE	15A99201	Engineering and IT Workshop	2015-16		
235	04	ECE	15A54301	Mathematics-III	2015-16	R15	II-I
236	04	ECE	15A04301	Electronic Devices and Circuits	2015-16		
237	04	ECE	15A04302	Switching Theory and Logic Design	2015-16		
238	04	ECE	15A04303	Signals and Systems	2015-16		
239	04	ECE	15A04304	Probability Theory and Stochastic Processes	2015-16		
240	04	ECE	15A02306	Electrical Technology	2015-16		
241	04	ECE	15A04305	Electronic Devices and Circuits Laboratory	2015-16		
242	04	ECE	15A02307	Electrical Technology and Basic Simulation Laboratory	2015-16		
243	04	ECE	15A54402	Mathematics-IV	2015-16	R15	II-II
244	04	ECE	15A04401	Electronic Circuit Analysis	2015-16		
245	04	ECE	15A04402	Analog Communication Systems	2015-16		
246	04	ECE	15A04403	Electromagnetic Theory and Transmission Lines	2015-16		
247	04	ECE	15A05201	Data Structures	2015-16		
248	04	ECE	15A02303	Control Systems Engineering	2015-16		
249	04	ECE	15A04404	Electronic Circuit Analysis Laboratory	2015-16		
250	04	ECE	15A04405	Analog Communication Systems Laboratory	2015-16		
251	04	ECE	15A04406	Comprehensive Online Examination-I	2015-16		
252	04	ECE	13A02402	Control Systems Engineering	2013-14	R13	III-I
253	04	ECE	13A05401	Computer Organization & Architecture	2013-14		
254	04	ECE	13A04501	Antennas & Wave Propagation	2013-14		
255	04	ECE	13A04502	Digital Communication Systems	2013-14		
256	04	ECE	13A04503	Linear IC Applications	2013-14		
257	04	ECE	13A04504	Digital IC Applications	2013-14		
258	04	ECE	13A04505	IC Applications Lab	2013-14		
259	04	ECE	13A04506	Analog Communication Systems Lab	2013-14		
260	04	ECE	13A52501	Managerial Economics & Financial Analysis	2013-14	R13	III-II
261	04	ECE	13A04601	Microprocessors & Microcontrollers	2013-14		
262	04	ECE	13A04602	Digital Signal Processing	2013-14		
263	04	ECE	13A04603	Microwave Engineering	2013-14		
264	04	ECE	13A04604	Electronic Measurements & Instrumentation	2013-14		
265	04	ECE	13A04605	Microprocessors & Microcontrollers Lab	2013-14		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
266	04	ECE	13A04606	Digital Signal Processing Lab	2013-14		
267	04	ECE	13A04607	Digital Communication Systems Lab	2013-14		
268	04	ECE	13A52502	Advanced English Language Comm. skills Lab(Aud)	2013-14		
269	04	ECE	13A52601	Management Science	2013-14	R13	IV-I
270	04	ECE	13A04701	VLSI Design	2013-14		
271	04	ECE	13A04702	Optical Fibre Communication	2013-14		
272	04	ECE	13A04703	Embedded Systems	2013-14		
273	04	ECE	13A04704	Digital Image Processing	2013-14		
274	04	ECE	13A04705	RADAR & Navigational Aids	2013-14		
275	04	ECE	13A04706	T.V Engineering	2013-14		
276	04	ECE	13A04707	VLSI & Embedded Systems Lab	2013-14		
277	04	ECE	13A04708	Microwave & Optical Communications Lab	2013-14		
278	04	ECE	13A04801	Mobile Communication	2013-14	R13	IV-II
279	04	ECE	13A04802	Computer Networks	2013-14		
280	04	ECE	13A04803	Satellite Communication	2013-14		
281	04	ECE	13A04804	Spread Spectrum Communication	2013-14		
282	04	ECE	13A04805	Multimedia Communication	2013-14		
283	04	ECE	13A04806	Bio-Medical Instrumentation	2013-14		
284	04	ECE	13A04807	Speech Processing	2013-14		
285	04	ECE	13A04808	DSP Processors & Architectures	2013-14		
286	04	ECE	13A04809	Seminar & Comprehensive Viva-voce	2013-14		
287	04	ECE	13A04810	Project work	2013-14		
288	05	CSE	15A52101	Functional English	2015-16	R15	I-I
289	05	CSE	15A54101	Mathematics	2015-16		
290	05	CSE	15A05101	Computer Programming	2015-16		
291	05	CSE	15A56101	Engineering Physics	2015-16		
292	05	CSE	15A03101	Engineering Drawing	2015-16		
293	05	CSE	15A52102	English Language Communication Skills Lab	2015-16		
294	05	CSE	15A56102	Engineering Physics Lab	2015-16		
295	05	CSE	15A05102	Computer Programming Lab	2015-16		
296	05	CSE	15A52201	English for Professional Communication	2015-16	R15	I-II
297	05	CSE	15A54201	Mathematics – II	2015-16		
298	05	CSE	15A05201	Data Structures	2015-16		
299	05	CSE	15A51101	Engineering Chemistry	2015-16		
300	05	CSE	15A01101	Environmental Studies	2015-16		
301	05	CSE	15A05202	Data Structures Lab	2015-16		
302	05	CSE	15A51102	Engineering Chemistry Lab	2015-16		
303	05	CSE	15A99201	Engineering & IT Workshop	2015-16		
304	05	CSE	15A54301	Mathematics III	2015-16	R15	II-I
305	05	CSE	15A05301	Database Management Systems	2015-16		
306	05	CSE	15A05302	Discrete Mathematics	2015-16		
307	05	CSE	15A99301	Basic Electrical and Electronics Engineering	2015-16		
308	05	CSE	15A04306	Digital Logic Design	2015-16		
309	05	CSE	15A52301	Managerial Economics and Financial Analysis	2015-16		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
310	05	CSE	15A05303	Database Management Systems Laboratory	2015-16		
311	05	CSE	15A99302	Basic Electrical and Electronics Laboratory	2015-16		
312	05	CSE	15A54401	Probability and Statistics	2015-16	R15	II-II
313	05	CSE	15A05401	Software Engineering	2015-16		
314	05	CSE	15A05402	Computer Organization	2015-16		
315	05	CSE	15A04407	Microprocessors & Interfacing	2015-16		
316	05	CSE	15A05403	Object Oriented Programming using Java	2015-16		
317	05	CSE	15A05404	Formal Languages and Automata Theory	2015-16		
318	05	CSE	15A04408	Microprocessors & Interfacing Laboratory	2015-16		
319	05	CSE	15A05405	Java Programming Laboratory	2015-16		
320	05	CSE	15A05406	Comprehensive Online Examination-I	2015-16		
321	05	CSE	13A05501	Operating Systems	2013-14	R13	III-I
322	05	CSE	13A05502	Compiler Design	2013-14		
323	05	CSE	13A05503	Unix and Shell Programming	2013-14		
324	05	CSE	13A05504	Software Engineering	2013-14		
325	05	CSE	13A04507	Micro Processors & Interfacing	2013-14		
326	05	CSE	13A52501	Managerial Economics and Financial Analysis	2013-14		
327	05	CSE	13A05505	Operating Systems Lab	2013-14		
328	05	CSE	13A05506	Compiler Design and Assembly Language Program	2013-14		
329	05	CSE	13A52502	Advanced English language Comm. Skills Lab (Aud	2013-14		
330	05	CSE	13A05601	Computer Networks	2013-14	R13	III-II
331	05	CSE	13A05602	Object Oriented Analysis, Design & Modeling	2013-14		
332	05	CSE	13A05603	Data Mining	2013-14		
333	05	CSE	13A05604	Web Programming	2013-14		
334	05	CSE	13A05605	Software Testing Methodologies	2013-14		
335	05	CSE	13A05606	Advanced Computer Architecture	2013-14		
336	05	CSE	13A05607	Unified Modeling Language and Data Mining Lab	2013-14		
337	05	CSE	13A05608	Web Programming Lab	2013-14		
338	05	CSE	13A05701	Computer Graphics & Multimedia	2013-14	R13	IV-I
339	05	CSE	13A05702	Cryptography & Network Security	2013-14		
340	05	CSE	13A05703	Service Oriented Architecture	2013-14		
341	05	CSE	13A05704	Mobile Application Development	2013-14		
342	05	CSE	13A05705	Information Retrieval Systems	2013-14		
343	05	CSE	13A05706	Human Computer Interaction	2013-14		
344	05	CSE	13A05707	Computer Forensics	2013-14		
345	05	CSE	13A05708	Digital Image Processing	2013-14		
346	05	CSE	13A05709	Computer Networks and Network Security Lab	2013-14		
347	05	CSE	13A05710	Mobile Application Development and Computer C	2013-14		
348	05	CSE	13A52601	Management Science	2013-14	R13	IV-II
349	05	CSE	13A05801	Cloud Computing	2013-14		
350	05	CSE	13A05802	Software Project Management	2013-14		
351	05	CSE	13A05803	Software Architecture & Design Patterns	2013-14		
352	05	CSE	13A05804	Storage Area Networks	2013-14		
353	05	CSE	13A05805	Artificial Intelligence	2013-14		
354	05	CSE	13A05806	Parallel and Randomized Algorithms	2013-14		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
355	05	CSE	13A05807	Embedded Systems	2013-14		
356	05	CSE	13A05808	Game Theory	2013-14		
357	05	CSE	13A05809	Adhoc and Sensor Networks	2013-14		
358	05	CSE	13A05810	Seminar & Comprehensive Viva-Voce	2013-14		
359	05	CSE	13A05811	Project	2013-14		
360	20	I.Tech -ST.Eng	12D20101	Higher Engineering Mathematics	2009-10		
361	20	I.Tech -ST.Eng	12D20102	Advanced Structural Analysis	2009-10		
362	20	I.Tech -ST.Eng	12D20103	Theory of Elasticity and Plasticity	2009-10		
363	20	I.Tech -ST.Eng	12D20104	Theory and Analysis of Plates	2009-10		
364	20	I.Tech -ST.Eng	12D20105a	Experimental Stress Analysis	2009-10		
365	20	I.Tech -ST.Eng	12D20105	Advanced Structural Design	2009-10		
366	20	I.Tech -ST.Eng	12D20105	Low cost Housing Techniques	2009-10		
367	20	I.Tech -ST.Eng	12D20106	Prestressed concrete	2009-10		
368	20	I.Tech -ST.Eng	12D20106	Maintenance and Rehabilitation of Structures	2009-10		
369	20	I.Tech -ST.Eng	12D20106	Advanced Foundation Engineering	2009-10		
370	20	I.Tech -ST.Eng	12D20107	Concrete Laboratory - I	2009-10		
371	20	I.Tech -ST.Eng	12D20201	Structural Dynamics	2009-10		
372	20	I.Tech -ST.Eng	12D20202	Finite Element Method	2009-10		
373	20	I.Tech -ST.Eng	12D20203	Stability of Structures	2009-10		
374	20	I.Tech -ST.Eng	12D20204	Analysis of shells and folded plates	2009-10		
375	20	I.Tech -ST.Eng	12D20205a	Design of Bridges	2009-10		
376	20	I.Tech -ST.Eng	12D20205	Concrete Technology	2009-10		
377	20	I.Tech -ST.Eng	12D20205	Earthquake Resistant Structures	2009-10		
378	20	I.Tech -ST.Eng	12D20206	Advanced steel structures	2009-10		
379	20	I.Tech -ST.Eng	12D20206	Building Construction Management	2009-10		
380	20	I.Tech -ST.Eng	12D20206c	Fracture Mechanics	2009-10		
381	20	I.Tech -ST.Eng	12D20207	Concrete Laboratory - II	2009-10		
382	20	I.Tech -ST.Eng	12D20401	Seminar	2009-10		
383	20	I.Tech -ST.Eng	12D20402	Project work	2009-10		
384	07	M.Tech -EPS	9D49101	Modern Control Theory	2009-10		
385	07	M.Tech -EPS	9D49102	Microprocessors and Microcontrollers	2009-10		
386	07	M.Tech -EPS	9D49103	Power System control & Stability	2009-10		
387	07	M.Tech -EPS	9D49104	EHVAC Transmission	2009-10		
388	07	M.Tech -EPS	9D49105	Reactive Power Compensation and Management	2009-10		
389	07	M.Tech -EPS	9D49106a	Advanced Digital Signal Processing	2009-10		
390	07	M.Tech -EPS	9D49106b	Neural Networks and Fuzzy Systems	2009-10		
391	07	M.Tech -EPS	9D49107	Electrical Machines & Power Systems Lab	2009-10		
392	07	M.Tech -EPS	9D49201	FACTS	2009-10		
393	07	M.Tech -EPS	9D49202	HVDC Transmission	2009-10		
394	07	M.Tech -EPS	9D49203	Operation and Control of Power System	2009-10		
395	07	M.Tech -EPS	9D49204	Advanced Power System Protection	2009-10		
396	07	M.Tech -EPS	9D49205	Energy Conversion Systems	2009-10		
397	07	M.Tech -EPS	9D49206a	Programmable Logic Controllers	2009-10		

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398	07	M.Tech -EPS	9D49206b	Energy Auditing, Conservation and Management	2009-10		
399	07	M.Tech -EPS	9D49207	Simulation Lab	2009-10		
400	07	M.Tech -EPS	9D49401	Seminar	2009-10		
401	07	M.Tech -EPS	9D49402	Project work	2009-10		
402	88	ech -Thermal	12D88101	Advanced Thermodynamics	2009-10		
403	88	ech -Thermal	12D88102	Advanced Heat & Mass Transfer	2009-10		
404	88	ech -Thermal	12D88103	Turbo Machines	2009-10		
405	88	ech -Thermal	12D88104	Fuels, Combustion & Environment	2009-10		
406	88	ech -Thermal	12D88105	FEA in Thermal Engineering	2009-10		
407	88	ech -Thermal	12D88106a	Refrigeration & Air Conditioning	2009-10		
408	88	ech -Thermal	12D88106b	Equipment design for Thermal Systems	2009-10		
409	88	ech -Thermal	12D88106c	Optimization Techniques & its Applications	2009-10		
410	88	ech -Thermal	12D88107	Advanced Thermal Engineering Lab	2009-10		
411	88	ech -Thermal	12D88201	Energy Management	2009-10		
412	88	ech -Thermal	12D88202	Advanced I.C. Engines	2009-10		
413	88	ech -Thermal	12D88203	Computational Fluid Dynamics	2009-10		
414	88	ech -Thermal	12D88204	Thermal Measurements and Process Controls	2009-10		
415	88	ech -Thermal	12D88205	Alternative Energy Sources	2009-10		
416	88	ech -Thermal	12D88206	Cryogenics Engineering	2009-10		
417	88	ech -Thermal	12D88207	Thermal & Nuclear Power Plants	2009-10		
418	88	ech -Thermal	12D88208	Jet Propulsion & Rocketry	2009-10		
419	88	ech -Thermal	12D88209	Computational Fluid Dynamics Lab	2009-10		
420	88	ech -Thermal	12D88401	Seminar	2009-10		
421	88	ech -Thermal	12D88402	Project work	2009-10		
422	57	l.Tech -VLSI	9D57101	VLSI Technology	2009-10		
423	57	l.Tech -VLSI	9D57102	Analog IC Design	2009-10		
424	57	l.Tech -VLSI	9D57103	Digital IC Design	2009-10		
425	57	l.Tech -VLSI	9D57104	Hardware Description Languages	2009-10		
426	57	l.Tech -VLSI	9D57105	Hardware Software Co-design	2009-10		
427	57	l.Tech -VLSI	9D57106a	Embedded system Concepts	2009-10		
428	57	l.Tech -VLSI	9D57106b	System Modeling & Simulation	2009-10		
429	57	l.Tech -VLSI	9D57106c	ASIC Design	2009-10		
430	57	l.Tech -VLSI	9D57107	Digital IC Design Lab	2009-10		
431	57	l.Tech -VLSI	9D55201	Testing & Testability	2009-10		
432	57	l.Tech -VLSI	9D57202	Low Power VLSI Design	2009-10		
433	57	l.Tech -VLSI	9D57203	Algorithms for VLSI Design Automation	2009-10		
434	57	l.Tech -VLSI	9D55204	FPGA Architectures & Applications	2009-10		
435	57	l.Tech -VLSI	9D57205	Scripting Language for VLSI Design Automation	2009-10		
436	57	l.Tech -VLSI	9D57206a	Nano Electronics	2009-10		
437	57	l.Tech -VLSI	9D57206b	Cryptography & Network Security	2009-10		
438	57	l.Tech -VLSI	9D57206c	Real Time Operating Systems	2009-10		
439	57	l.Tech -VLSI	9D57207	Mixed Signal Lab	2009-10		
440	57	l.Tech -VLSI	9D57401	Seminar	2009-10		

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S.NO.	Program code	Program name	Course code	Course name	Year of offering the course	Regulation	Semester
441	57	B.Tech -VLSI	9D57402	Project work	2009-10		
442	58	M.Tech -CSE	9D58101	Advanced Data Structures and Algorithms	2009-10		I SEM
443	58	M.Tech -CSE	9D58102	Discrete Structures	2009-10		
444	58	M.Tech -CSE	9D58103	Computer System Design	2009-10		
445	58	M.Tech -CSE	9D58104	Java and Web Technologies	2009-10		
446	58	M.Tech -CSE	9D58105	Software Engineering	2009-10		
447	58	M.Tech -CSE	9D58106a	Advances in Databases	2009-10		
448	58	M.Tech -CSE	9D58106b	Distributed Databases	2009-10		
449	58	M.Tech -CSE	9D58106c	Computer Vision	2009-10		
450	58	M.Tech -CSE	9D58107	Software Lab- 1 (Covering the experiments: Data	2009-10		
451	58	M.Tech -CSE	9D58201	Software Quality Assurance and Testing	2009-10		II SEM
452	58	M.Tech -CSE	9D58202	Object Oriented Analysis and Design	2009-10		
453	58	M.Tech -CSE	9D58203	Advanced Computer Networks	2009-10		
454	58	M.Tech -CSE	9D58204	Distributed Systems	2009-10		
455	58	M.Tech -CSE	9D58205	Data Warehousing and Mining	2009-10		
456	58	M.Tech -CSE	9D58206a	Software Architecture	2009-10		
457	58	M.Tech -CSE	9D58206b	Software Design	2009-10		
458	58	M.Tech -CSE	9D58206c	Design Patterns	2009-10		
459	58	M.Tech -CSE	9D58207	Software Lab- 2 (Covering the experiments:OOA)	2009-10		
460	58	M.Tech -CSE	9D58401	Seminar	2009-10		IV SEM
461	58	M.Tech -CSE	9D58402	Project work	2009-10		

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TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)**

Examinations Branch

Notification

for

B.Tech (R19) Regular & Supplementary Examinations, March 2021

B.Tech II Year I Semester (Regular)

(For 2019 Regular & 2020 Lateral Entry admitted batches only)

B.Tech I Year I Semester (Supplementary)

(For 2019 admitted batches only)

Candidates appearing for the above examinations commencing from 12th March 2021 are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	27.02.2021
With Late Fee of Rs. 100/-	02.03.2021
With Late Fee of Rs. 1000/-	04.03.2021
With Late Fee of Rs. 3000/-	06.03.2021
With Late Fee of Rs. 5000/-	09.03.2021

Examination Fee			
1.	For the whole examination	For regular only	Rs.700-00
2.	For one subject (theory / practical)	For supplementary only	Rs.300-00
3.	For two subjects (theory / practical / both)		Rs.400-00
4.	For three subjects (theory / practical / both)		Rs.500-00
5.	For four subjects & above (theory / practical / both)		Rs.700-00
6.	Marks Memorandum		Rs.10.00
7.	Cost of Application		Rs.05-00

- Note:
- Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
 - Applications for supplementary examinations should be submitted along with attested photocopies of marks sheets pertaining to earlier attempts made by the student.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
 - The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
 - For the students due date to submit the registration forms at college exam branch is one day before the 'last date'.

Date: 15-02-2021

Note:

Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch

- on 06.03.2021 (Saturday) for Online receipts/Challans without fine, with Rs.100/- fine and Rs.1000/- fine only.
- on 10.03.2021 (Wednesday) for Online receipts/Challans with Rs.3000/- and Rs.5000/- fine only.

DIRECTOR OF EVALUATION

PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 515 003. (A.P.)

Examinations Branch

B.Tech. II Year I semester (R19) Regular March 2021 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	Civil Engineering (CE)	Mechanical Engineering (ME)	Computer Science & Engineering (CSE)	Information Technology (IT)	Electrical & Electronics Engineering (EEE)	Electronics & Communication Engineering (ECE)	Food Technology (FT)
15.03.2021 Monday	Complex Variables, Transforms & Partial Differential Equations 19A54301 (Common to CE & ME)		Mathematical Foundations of Computer Science 19A54303 (Common to CSE & IT)		Digital Electronics & Logic Design 19A04304 (Common to EEE & ECE)		Numerical Methods & Probability Theory 19A54304
17.03.2021 Wednesday	Strength of Materials - I 19A01301T	Manufacturing Processes 19A03301T	Digital Logic Design 19A05301 (Common to CSE & IT)		Basic Electrical Circuits 19A02301T	Signals & Systems 19A04301	Food Chemistry 19A27301T
19.03.2021 Friday	Fluid Mechanics 19A01302T	Engineering Mechanics 19A03302	Design Thinking 19A99304 (Common to CSE & IT)		Power System Architecture 19A02302	Electronic Devices & Circuits 19A04302T	Processing of Cereals, Pulses & Oilseeds 19A27302T
22.03.2021 Monday	Surveying 19A01303T	Material Science & Engineering 19A03303T	Database Management Systems 19A05302T (Common to CSE & IT)		DC Machines & Transformers 19A02303T	Probability Theory & Stochastic Processes 19A04303	Fluid Mechanics for Food Processing 19A27303T
24.03.2021 Wednesday	Building Materials & Construction 19A01304	Design Thinking & Product Innovation 19A99303T	Object Oriented Programming Through Java 19A05303T (Common to CSE & IT)		Semiconductor Devices & Circuits 19A04306T	Electrical Technology 19A02304T	Basic Microbiology 19A57301
26.03.2021 Friday		Python Programming 19A05304T (Common to CE, ME & CSE)		Design & Analysis of Algorithms 19A05402T	Complex Variables & Transforms 19A54302 (Common to EEE & ECE)		Principles of Food Preservation 19A27304
30.03.2021 Tuesday		Universal Human Values 19A52301 (Common to CE, ME & CSE)					

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately.

Notified on 22-02-2021

Revised on 24-02-2021

Principal

**MAHACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)**

Controller of Examinations (UG)



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)**

Examinations Branch

Notification

for

B.Tech II Year II semester (R19) Regular Examinations, September 2021

(For 2019 Regular & 2020 Lateral Entry admitted batches only)

Candidates appearing for the above examinations commencing from 01.09.2021 (Wednesday) are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	17.08.2021
With Late Fee of Rs. 100/-	20.08.2021
With Late Fee of Rs. 1000/-	23.08.2021
With Late Fee of Rs. 3000/-	25.08.2021
With Late Fee of Rs. 5000/-	27.08.2021

Examination Fee		
1.	For the whole examination	Rs.700-00
2.	Marks Memorandum	Rs.10-00
3.	Cost of Application	Rs.05-00

- Note: (i) Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
- (ii) Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
- (iii) The Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
- (iv) The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
- (v) Detailed timetables will be notified in the website www.jntua.ac.in under examinations.

Digitally signed by KESHAVA REDDY
EODULA
Date: Fri Aug 06 10:04:10 IST 2021

Date: 05-08-2021

DIRECTOR OF EVALUATION

Note:

Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch

- (i) on 25.08.2021 (Wednesday) for Online receipts/Challans without fine with Rs.100/- fine and Rs.1000/- fine only.
- (ii) on 28.08.2021 (Saturday) for Online receipts/Challans with Rs.3000/- and Rs.5000/- fine only.

**PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinne (V&M)
KADAPA - 516 003. (A.P.)**



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ADMINISTRATIVE BUILDING, ANANTHAPURAMU 515002
EXAMINATIONS BRANCH

Prof.E. Keshava Reddy
 Director of Evaluation

ONLINE REGISTRATION

Lr. No. DE / JNTUA/ ATP/ B.Tech I year II semester (R20) Regular Examinations / November
2021/Instructions dt. 07.10.2021

To
 The Principals
 All colleges offering B.Tech program under JNTU Anantapur

Sir/Madam,

You are requested,

1. To upload internal marks of B.Tech I year II semester Regular students (AY 2020-21) to examinations portal 'JNTUA EMS' on or before 05:30 PM of 06.11.2021 (Saturday). Internal marks uploaded after 05:30 PM of 06th November 2021 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach Dr. M.Ramasekhara Reddy, Assistant Professor of EEE and Additional Controller of Examinations, University Examinations Building, Oppt. Govt. Polytechnic College, JNTU Anantapur, Ananthapuramu - 515002 (A.P) on or before 11.11.2021 (Thursday) by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as B.Tech/I-II/IM/R20/Nov-21 Exams/«College Code».
2. To conduct laboratory examinations from 01.11.2021 to 06.11.2021 and send the award lists in sealed covers to the address mentioned above on or before 11.11.2021 (Thursday) without fail by registered/speed post. The cover may be superscribed as B.Tech I-II/R20/Reg/Nov-21/Lab Award Lists/«College Code».
3. Complete the first entry of lab externals in EMS by 08.11.2021.
3. You are requested to finalize the attendance particulars of the students for regular examinations by taking presumptive attendance for the last week of the academic calendar for the semester and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of 08.10.2021 (Friday) without fail.
4. To note that schedule for online registration (for R20 regulation only) is as follows

	Opens	Closes	No. of Days
Without late fee	07.10.2021	22.10.2021	11 days
With Rs.100/- late fee	23.10.2021	25.10.2021	02 days
With Rs.1000/- late fee	26.10.2021	27.10.2021	02 days

Schedule for submission of online receipts/challan for verification at Head Quarters on 28.10.2021 (Thursday) only.

5. Students who are writing substitute subjects and additional subjects shall be registered manually with centre being the parent college only.
6. To submit the following at the time of verification along with Online receipts/Challans without which verification process will not undertaken
 - (a) Detained List signed by the college principal.
 - (b) Condoned List signed by the college principal along with Online receipts/Challan towards condonation fee.
 - (c) College Academic Committee (CAC) resolution approving detained and condonation Lists.
 - (d) 'Eligible but not registered' list signed by the college principal.
 - (e) Copy of Clearance Certificate.
 - (f) Copy of UCS Fee Receipts.
7. Deduction by the colleges is permissible as per the proceedings of the Registrar dated 07.04.2018 for Regular and 16.04.2014 for Supple, copies of which are available in www.jntua.ac.in under 'examinations'.
8. To note that hall tickets will be generated only for eligible students who have paid the UCS fee, for whom clearance has been given by the University and whose examinations fee has been received. For these candidates hall tickets will be available in the JNTUA EMS on 29.10.2021 (Friday) for download.

Digitally signed by KESHAVA REDDY
 PRINCIPAL Yours faithfully,

**ANNAMACHARYA INSTITUTE OF
 TECHNOLOGY & SCIENCES**
 DIRECTOR OF EVALUATION
 C.K. Dinne (V&M)
 KADAPA - 516 003. (A.P.)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. II Year II semester (R19) Regular September/October 2021 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	Civil Engineering (CE)	Computer Science & Engineering (CSE)	Information Technology (IT)	Electronics & Communication Engineering (ECE)	Food Technology (FT)	Electrical & Electronics Engineering (EEE)	Mechanical Engineering (ME)
04.09.2021 Saturday	Strength of Materials - II 19A01401	Number Theory & Applications 19A54401 (Common to CSE & IT)		Electromagnetic Waves & Transmission Lines 19A04401	Processing of Fruit & Vegetables 19A27401T	Numerical Methods & Probability Theory 19A54304 (Common to EEE & ME)	
09.09.2021 Thursday	Hydraulics & Hydraulic Machinery 19A01402T	Computer Organization 19A05401 (Common to CSE & IT)		Electronic Circuits - Analysis & Design 19A04402T	Mechanical Operations & Material Handling 19A27402T	Electrical Circuit Analysis 19A02401T	Thermodynamics 19A03401
14.09.2021 Tuesday	Structural Analysis - I 19A01403	Design & Analysis of Algorithms 19A05402T	Formal Languages & Automata Theory 19A12401	Control Systems 19A02404	Principles of Food Engineering 19A27403	Engineering Electromagnetics 19A02402	Mechanics of Materials 19A03402T
16.09.2021 Thursday	Concrete Technology 19A01404T	Software Engineering 19A05404T (Common to CSE & IT)		Analog Communications 19A04403T	Processing of Fish & Marine Products 19A27404	Power Electronics 19A02403	Fluid Mechanics & Hydraulic Machinery 19A01407
23.09.2021 Thursday	Transportation Engineering 19A01405T	Operating Systems 19A05403T (Common to CSE & IT)		Computer Architecture & Organization 19A04404	Processing of Spices & Plantation Crops & Medicinal Herbs 19A27405	Analog Electronic Circuits 19A04405	Internet of Things 19A05406T
25.09.2021 Saturday	Environmental Engineering 19A01406	Entrepreneurship 19A52401		Python Programming 19A05304T (Common to EEE, ECE, IT & FT)			Kinematics of Machinery 19A03403
04.10.2021 Monday	---	---		Universal Human Values 19A52301 (Common to EEE, ECE, IT & FT)			---

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately.

Date: 19-08-2021

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)

Controller of Examinations (UG)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

Notification
for

B.Tech III Year I semester (R19) Regular Examinations, February 2022
(For 2019 Regular & 2020 Lateral Entry admitted batches only)

Candidates appearing for the above examinations commencing from 10.02.2022 (Thursday) are informed that the applications will be received as per the time schedule given below:

Last date for registration 29.01.2022

Examination Fee		
1.	For the whole examination	Rs.700-00
2.	Marks Memorandum	Rs.10-00
3.	Cost of Application	Rs.05-00

- Note:
- Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - No student is allowed for End laboratory examinations without Hall Ticket.
 - The Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
 - The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
 - Detailed timetables will be notified in the website www.jntua.ac.in under examinations.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Mon Jan 17 12:38:49 IST 2022

Date: 17-01-2022

Note:

Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch on 31.01.2022 (Monday)


PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES

C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ADMINISTRATIVE BUILDING, ANANTHAPURAMU 515002
EXAMINATIONS BRANCH

Prof. C. Sashidhar
Director of Evaluation

ONLINE REGISTRATION

Ln. No. DE / JNTUA/ ATP/ B.Tech I Year I semester (R19) Regular Examinations / January 2020/Instructions
dt. 02.12.2019

To
The Principals
All colleges offering B.Tech program under JNTU Anantapur

Sir/Madam,

You are requested,

1. To upload internal marks of B.Tech I year I semester Regular students (AY 2019-20) to examinations portal 'JNTUA EMS' on or before 05:30 PM of 27.12.2019 (Friday). Internal marks uploaded after 05:30 PM of 27th December 2019 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach Dr.S. Chandra Mohan Reddy, Associate Professor of ECE and Additional Controller of Examinations, University Examinations Branch, Opposite Govt.Polytechnic College, JNTU Anantapur, Ananthapuramu - 515002 (A.P) on or before 02.01.2020 (Thursday) by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as B.Tech/I-I/TM/R19/Jan-20 Exams/<College Code>.

2. To conduct laboratory examinations from 26.12.2019 to 01.01.2020 and send the award lists in sealed covers to the address mentioned above on or before 06.01.2020 (Monday) without fail by registered/speed post. The cover may be superscribed as B.Tech I-I/R19/Reg /Jan-2020/Lab Award Lists/<College Code>

3. You are requested to finalize the attendance particulars of the students for regular examinations and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of 20.12.2019 (Friday) without fail.

4. To note that schedule for online registration (for R19 regulations only) is as follows

	Opens	Closes	No. of Days
Without late fee	04.12.2019	17.12.2019	11 days
With Rs.100/- late fee	18.12.2019	19.12.2019	02 days
With Rs.1000/- late fee	20.12.2019	21.12.2019	02 days
With Rs.3000/- late fee	23.12.2019	24.12.2019	02 days
With Rs.5000/- late fee	26.12.2019	27.12.2019	02 days

Schedule for submission of online receipts/challan for verification at Head Quarters

24.12.2019	Tuesday	All Districts	Without fine, with Rs.100/- fine and Rs.1000/- fine only
28.12.2019	Saturday	All Districts	With Rs.3000/- fine and Rs.5000/- fine only

5. To submit the following at the time of verification along with Online receipts/Challans without which verification process will not undertaken

- Detained List signed by the college principal.
- Condoned List signed by the college principal along with Online receipts/Challan towards condonation fee.
- College Academic Committee (CAC) resolution approving detained and condonation Lists.
- 'Eligible but not registered' list signed by the college principal.
- Copy of Clearance Certificate.
- Copy of UCS Fee Receipts.

6. Deduction by the colleges is permissible as per the proceedings of the Registrar dated 07.04.2018 for Regular and 16.04.2014 for Supply, copies of which are available in www.jntua.ac.in under 'examinations'.

7. To note that hall tickets will be generated only for eligible students who have paid the UCS fee, for whom clearance has been given by the University and whose examinations fee has been received. For these candidates hall tickets will be available in the JNTUA EMS on 26.12.2019 (Thursday) for download.

(Signature)
PRINCIPAL

Yours faithfully,

ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. III Year I semester (R19) Regular February 2022 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	Computer Science & Engineering (CSE)	Information Technology (IT)	Civil Engineering (CE)	Electronics & Communication Engineering (ECE)	Food Technology (FT)	Electrical & Electronics Engineering (EEE)	Mechanical Engineering (ME)
11.02.2022 Friday	Object Oriented Analysis Design & Testing 19A05503T (Common to CSE & IT)		Design of Reinforced Concrete Structures 19A01501	Integrated Circuits & Applications 19A04501T	Heat Transfer 19A27501T	AC Machines 19A02501T	Applied Thermodynamics 19A03501T
15.02.2022 Tuesday	Artificial Intelligence 19A05502T (Common to CSE & IT)		Water Resources Engineering 19A01502	Antennas & Wave Propagation 19A04502	Processing of Milk Products 19A27502T	Control Systems 19A02502	Manufacturing Technology 19A03502T
17.02.2022 Thursday	Formal Languages & Automata Theory 19A05501	English Language Skills 19A52601T (Common to ECE, IT & FT)	Engineering Geology 19A01503T	English Language Skills 19A52601T (Common to ECE, IT & FT)			Heat Transfer 19A03503T
19.02.2022 Saturday	Computer Networks 19A05504T (Common to CSE & IT)		Structural Analysis - II 19A01504	Digital Communications 19A04503T	Food Biochemistry & Nutrition 19A27503	Electrical Machine Design 19A02504	Dynamics of Machinery 19A03505

Date: 28-01-2022

Annamacharya
PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)

Controller of Examinations (UG)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. III Year I semester (R19) Regular February 2022 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	Computer Science & Engineering (CSE)	Information Technology (IT)	Civil Engineering (CE)	Electronics & Communication Engineering (ECE)	Food Technology (FT)	Electrical & Electronics Engineering (EEE)	Mechanical Engineering (ME)
22.02.2022 Tuesday	Data Warehousing & Data Mining 19A05505a	Big Data Analytics 19A05602T	Building Construction Practice 19A01505a	Operating Systems 19A05403T	Food Nano Technology 19A27504a	HVDC & FACTS 19A02503a	Automobile Engineering 19A03504a
	Web Technologies 19A05505b	Software Testing 19A05702T	Subsurface Investigation & Instrumentation 19A01505b	Power Electronics 19A02403	Food Refrigeration & Cold Chain 19A27504b	DC Drives 19A02503b	Manufacturing Methods in Precision Engineering 19A03504b
	Mobile Application Development 19A05505c	No SQL Databases 19A12501	Environmental Pollution & Control 19A01505c	Object Oriented Programming Through Java 19A05303T	Food Safety Management System 19A27504c	Programmable Logic Controllers 19A02503c	Design of Transmission Systems 19A03504c
	---	---	Advanced Surveying 19A01505d	Data Communications & Networks 19A04504a	Marketing Management & International Trade 19A27504d	Analog & Digital IC Applications 19A04508	Power Plant Engineering 19A03504d
	---	---	Urban Hydrology 19A01505e	Nano Electronics 19A04504b	Energy Audit & Conservation 19A27504e	Wind Energy Systems 19A02503d	Ergonomics & Human Factors in Engineering 19A03504e

Date: 28-01-2022

PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)

Controller of Examinations (UG)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. III Year I semester (R19) Regular February 2022 Examinations

Time: 10:00 AM to 01:00 PM

Time: 10:00 AM to 01:00 PM													
Date / Day	Computer Science & Engineering (CSE)	Information Technology (IT)	Civil Engineering (CE)	Electronics & Communication Engineering (ECE)	Food Technology (FT)	Electrical & Electronics Engineering (EEE)	Mechanical Engineering (ME)						
24.02.2022 Thursday	Electrical Engineering Materials 19A02506a	Electrical Engineering Materials 19A02506a	Electrical Engineering Materials 19A02506a	Building Technology 19A01506b	Electrical Engineering Materials 19A02506a	Experimental Stress Analysis 19A01506a Building Technology 19A01506b	Electrical Engineering Materials 19A02506a						
	Introduction to Hybrid & Electric Vehicles 19A03506a												
	Rapid Prototyping 19A03506b												
	Analog Electronics 19A04506a	Experimental Stress Analysis 19A01506a		Analog Electronics 19A04506a									
	Digital Electronics 19A04506b												
	Experimental Stress Analysis 19A01506a	Free & Open Sources Systems 19A05506a											
	Building Technology 19A01506b	Computer Graphics & Multimedia Animation 19A05506b											
	Brewing Technology 19A27506a	Computer Applications in Food Industry 19A27506b	Experimental Stress Analysis 19A01506a		Brewing Technology 19A27506a								
			Building Technology 19A01506b		Computer Applications in Food Industry 19A27506b								
Optimization Techniques 19A54506a													
Technical Communication & Presentation Skills 19A52506a													

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found the same may be informed to the undersigned immediately.

Date: 28-01-2022

PRINCIPAL

**ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES**

C.K. Dinne (V&M), *Controller of Examinations (UG)*
KADAPA - 516 003. (A.P.)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

Notification

for

B.Tech I Year I semester (R20) Regular Examinations, May 2021

(For 2020 admitted batches only)

Candidates appearing for the above examinations commencing from 17th May 2021 are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	07.05.2021
With Late Fee of Rs. 100/-	11.05.2021
With Late Fee of Rs. 1000/-	13.05.2021

Examination Fee		
1.	For the whole examination	Rs.700-00
2.	Marks Memorandum	Rs.10.00
3.	Cost of Application	Rs.05-00

- Note:
- Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
 - The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
 - Detailed timetables will be notified in the website www.jntua.ac.in under 'Examinations'.

Date: 26-04-2021

Note:

Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch on 15.05.2021 (Saturday)


DIRECTOR OF EVALUATION
PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.K. Dinnu (V&M),
KADAPA - 516 003 (A.P.)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ADMINISTRATIVE BUILDING, ANANTHAPURAMU 515002
EXAMINATIONS BRANCH

Prof.C.Sashidhar
 Director of Evaluation

ONLINE REGISTRATION

Lr. No. DE / JNTUA/ ATP/ B.Tech I Year I semester (R20) Regular Examinations / May 2021/Instructions
dt.26.04.2021

To
 The Principals
 All colleges offering B.Tech program under JNTU Anantapur

Sir/Madam,

You are requested,

1. To upload internal marks of B.Tech I year I semester Regular students (AY 2020-21) to examinations portal 'JNTUA EMS' on or before 05:30 PM of 17.05.2021 (Monday). Internal marks uploaded after 05:30 PM of 17th May 2021 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach Dr.S. Chandra Mohan Reddy, Associate Professor of ECE and Additional Controller of Examinations, University Examinations Branch, Opposite Govt.Polytechnic College, JNTUANantapur, Ananthapuramu - 515002 (A.P) on or before 21.05.2021 (Friday) by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as B.Tech/I-I/IM/R20/May-2021 Exams/<College Code>.
2. To conduct laboratory examinations from 06.05.2021 to 15.05.2021 and send the award lists in sealed covers to the address mentioned above on or before 21.05.2021 (Friday) without fail by registered/speed post. The cover may be superscribed as B.Tech I-I/R20/Reg /May-2021/Lab Award Lists/<College Code>
3. You are requested to finalize the attendance particulars of the students for regular examinations and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of 05.05.2021 (Wednesday) without fail.
4. To note that schedule for online registration (for R20 regulations only) is as follows

	Opens	Closes	No. of Days
Without late fee	26.04.2021	07.05.2021	11 days
With Rs.100/- late fee	10.05.2021	11.05.2021	02 days
With Rs.1000/- late fee	12.05.2021	13.05.2021	02 days

Schedule for submission of online receipts/challan for verification at Head Quarters on 15.05.2021 (Saturday).

5. To submit the following at the time of verification along with Online receipts/Challans without which verification process will not undertaken
 - (a) Detained List signed by the college principal.
 - (b) Condoned List signed by the college principal along with Online receipts/Challan towards condonation fee.
 - (c) College Academic Committee (CAC) resolution approving detained and condonation Lists.
 - (d) 'Eligible but not registered' list signed by the college principal.
 - (e) Copy of Clearance Certificate.
 - (f) Copy of UCS Fee Receipts.
6. Deduction by the colleges is permissible as per the proceedings of the Registrar dated 07.04.2018 for Regular and 16.04.2014 for Supple. copies of which are available in www.jntua.ac.in under 'examinations'.
7. To note that hall tickets will be generated only for eligible students who have paid the UCS fee, for whom clearance has been given by the University and whose examinations fee has been received. For these candidates hall tickets will be available in the JNTUA EMS on 15.05.2021 (Saturday) for download.

Yours faithfully,

Handwritten Signature
PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCE
C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. I Year I semester (R20) Regular August/September 2021 Examinations

Time: 02:00 PM to 05:00 PM

Date / Day	Information Technology (IT)	Mechanical Engineering (ME)	Food Technology (FT)	Civil Engineering (CE)	Electrical & Electronics Engineering (EEE)	Electronics & Communication Engineering (ECE)
23.08.2021 Monday	Linear Algebra & Calculus 20A54101 (Common to ALL)					
25.08.2021 Wednesday	Chemistry 20A51101T (Common to IT, CSE, AI&ML, DS, IoF, AI and AI&DS)	Engineering Chemistry 20A51201T	Fundamental Chemistry 20A51102T	Engineering Physics 20A56101T	Fundamentals of Electrical Circuits 20A02102T (Common to EEE & ECE)	
27.08.2021 Friday	C-Programming & Data Structures 20A05201T (Common to IT, ME, FT, CE, CSE, AI&ML, DS, IoF, AI and AI&DS)					
31.08.2021 Tuesday	Basic Electrical & Electronics Engineering 20A02101T (Common to IT, ME, FT, CE, CSE, AI&ML, DS, IoF, AI and AI&DS)					
02.09.2021 Thursday	---	---	---	---	Applied Physics 20A56201T (Common to EEE & ECE)	Engineering Drawing 20A03101T (Common to CE, EEE & ECE)

Date: 28-07-2021

Principal
ANNAMACHARYA INSTITUTE OF
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C.K. Dinne (V&M),
KADAPA - 516 003. (A.P.)

Controller of Examinations (UG)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. I Year I semester (R20) Regular August/September 2021 Examinations

Time: 02:00 PM to 05:00 PM

Date / Day	Computer Science & Engineering (CSE)	Artificial Intelligence & Machine Learning (AI&ML)	Data Science (DS)	Internet of Things (IoF)	Artificial Intelligence (AI)	Artificial Intelligence & Data Science (AI&DS)
23.08.2021 Monday	Linear Algebra & Calculus 20A54101 (Common to ALL)					
25.08.2021 Wednesday	Chemistry 20A51101T (Common to IT, CSE, AI&ML, DS, IoF, AI and AI&DS)					
27.08.2021 Friday	C-Programming & Data Structures 20A05201T (Common to IT, ME, FT, CSE, AI&ML, DS, IoF, AI and AI&DS)					
31.08.2021 Tuesday	Basic Electrical & Electronics Engineering 20A02101T (Common to IT, ME, FT, CE, CSE, AI&ML, DS, IoF, AI and AI&DS)					

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately.

Date: 28-07-2021

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. I Year I semester (R19) Supplementary August 2021 Examinations

Time: 02:00 PM to 05:00 PM

Date / Day	Computer Science & Engineering (CSE)	Information Technology (IT)	Civil Engineering (CE)	Electrical & Electronics Engineering (EEE)	Electronics & Communication Engineering (ECE)	Mechanical Engineering (ME)	Food Technology (FT)
23.08.2021 Monday	Algebra & Calculus 19A54101 (Common to all branches)						
25.08.2021 Wednesday	Chemistry 19A51102T		Engineering Physics 19A56102T	Applied Physics 19A56101T (Common to EEE, ECE & EIE)		Engineering Chemistry 19A51101T	Fundamental Chemistry 19A51103T
27.08.2021 Friday	Problem Solving & Programming 19A05101T (Common to all branches)						
31.08.2021 Tuesday	---	---		Communicative English - I 19A52101T (Common to CE, EEE, ECE & EIE)		---	---

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately.

Date: 28-07-2021


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002 (A.P.) - INDIA.

Examinations Branch

B.Tech. I Year I semester (R15) Supplementary August/September 2021 Examinations

Time: 02:00 PM to 05:00 PM

Date / Day	Civil Engineering (CE)	Electrical & Electronics Engineering (EEE)	Computer Science & Engineering (CSE)	Electronics & Communication Engineering (ECE)	Mechanical Engineering (ME)	Electronics & Instrumentation Engineering (EIE)	Information Technology (IT)	Food Technology (FT)
23.08.2021 Monday				Functional English 15A52101 (Common to all branches)				
25.08.2021 Wednesday				Mathematics - I 15A54101 (Common to all branches)				
27.08.2021 Friday				Computer Programming 15A05101 (Common to CE, EEE, CSE, ECE, ME, EIE & IT)				Basic Physics 15A56103
31.08.2021 Tuesday		Engineering Physics 15A56101 (Common to CE, EEE & CSE)			Engineering Chemistry 15A51101 (Common to ECE, ME, EIE & IT)			Basic Chemistry 15A51103
02.09.2021 Thursday	Engineering Drawing 15A03101a (Common to CE & EEE)				Environmental Studies 15A01101 (Common to ECE, ME, EIE, IT & FT)			
04.09.2021 Saturday			Engineering Drawing 15A03101b					

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately.

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
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KADAPA - 516 003. (A.P.)

Date: 28-07-2021

Controller of Examinations (UG)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

Notification

for

B.Tech I Year II semester (R20) Regular Examinations, November 2021

(For 2020 admitted batches only)

Candidates appearing for the above examinations commencing from **08th November 2021** are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	22.10.2021
With Late Fee of Rs. 100/-	25.10.2021
With Late Fee of Rs. 1000/-	27.10.2021

Examination Fee		
1.	For the whole examination	Rs.700-00
2.	Marks Memorandum	Rs.10.00
3.	Cost of Application	Rs.05-00

- Note:
- Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - No student is allowed for End laboratory examinations without Hall Ticket.
 - Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
 - The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
 - Detailed timetables will be notified in the website www.jntua.ac.in under 'Examinations'.

Date: 07-10-2021

Note:

Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch on **28.10.2021 (Thursday)**

Digitally signed by KESHAVA REDDY
EDDULA
Date: Thu Oct 07 13:23:06 IST 2021
DIRECTOR OF EVALUATION
PRINCIPAL
ANNAMACHARYA INSTITUTE OF
TECHNOLOGY & SCIENCES
C.R. DRAVID (A.P.)
RAJAPURAM (A.P.)

B.Tech. I Year II semester (R20) Regular November 2021 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	Computer Science & Engineering (CSE)	Information Technology (IT)	Artificial Intelligence & Machine Learning (AI&ML)	Data Science (DS)	Internet of Things (IoF)	Artificial Intelligence (AI)	Artificial Intelligence & Data Science (AI&DS)
08.11.2021 Monday	Probability & Statistics 20A54202 (Common to CSE, IT, AI&ML, DS, IoF, AI and AI&DS)						
10.11.2021 Wednesday	Applied Physics 20A56201T (Common to CSE, IT, AI&ML, DS, IoF, AI and AI&DS)						
12.11.2021 Friday	Communicative English 20A52101T (Common to CSE, IT, AI&ML, DS, IoF, AI and AI&DS, ME & FT)						
15.11.2021 Monday	Python Programming & Data Science 20A05101T (Common to CSE, IT, AI&ML, DS, IoF, AI and AI&DS)						
17.11.2021 Wednesday	---	Engineering Drawing 20A03101Ta (Common to IT, AI&ML, DS, IoF, AI, AI&DS, ME and FT)					
18.11.2021 Thursday	Engineering Drawing 20A03101Tb						

Date: 21-10-2021

Controller of Examinations (UG)

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA

Examinations Branch

B. Tech. I Year II semester (R20) Regular November 2021 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	Civil Engineering (CE)	Electrical & Electronics Engineering (EEE)	Electronics & Communication Engineering (ECE)	Mechanical Engineering (ME)	Food Technology (FT)
08.11.2021 Monday	Differential Equations & Vector Calculus 20A54201 (Common to CE, EEE, ECE, ME & FT)				
10.11.2021 Wednesday	Engineering Chemistry 20A51201T	Chemistry 20A51101T (Common to EEE & ECE)	Engineering Physics 20A56101T (Common to ME & FT)		
12.11.2021 Friday	C-Programming & Data Structures 20A05201T (Common to CE, EEE & ECE)		Communicative English 20A52101T (Common to CSE, IT, AI&ML, DS, IoF, AI AI&DS, ME & FT)		
15.11.2021 Monday	Strength of Materials 20A01201T	Electronic Devices & Circuits 20A04101T (Common to EEE & ECE)	Material Science & Engineering 20A03201T	Basics of Civil & Mechanical Engineering 20A01101T	
17.11.2021 Wednesday	---		Engineering Drawing 20A03101Ta (Common to IT, AI&ML, DS, IoF, AI, AI&DS, ME and FT)		

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Date: 21-10-2021

**ANNAMACHARYA INSTITUTE OF
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KADAPA - 516 003. (A.P.)



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Civil Engineering

Semester - 1 (Theory - 5, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	20A54101	Linear Algebra and Calculus	BS	3-0-0	3
2.	20A56101T	Engineering Physics	BS	3-0-0	3
3.	20A52101T	Communicative English	HS	3-0-0	3
4.	20A02101T	Basic Electrical & Electronics Engineering	ES	3-0-0	3
5.	20A03101T	Engineering Drawing	ES	1-0-0/2	2
6.	20A03101P	Engineering Graphics Lab	ES	0-0-2	1
7.	20A56101P	Engineering Physics Lab	BS	0-0-3	1.5
8.	20A52101P	Communicative English Lab	HS	0-0-3	1.5
9.	20A02101P	Basic Electrical & Electronics Engineering Lab	ES	0-0-2	1.5
Total					19.5

Semester - 2 (Theory - 5, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	20A54201	Differential Equations and Vector Calculus	BS	3-0-0	3
2.	20A51201T	Engineering Chemistry	BS	3-0-0	3
3.	20A05201T	C-Programming & Data Structures	ES	3-0-0	3
4.	20A01201T	Strength of Materials	ES	3-0-0	3
5.	20A03202	Engineering Workshop	ES	0-0-3	1.5
6.	20A05202	IT Workshop	ES	0-0-3	1.5
7.	20A05201P	C-Programming & Data Structures Lab	ES	0-0-3	1.5
8.	20A51201P	Engineering Chemistry Lab	BS	0-0-3	1.5
9.	20A01201P	Strength of Materials Lab	ES	0-0-3	1.5
10	20A99201	Environmental Science	MC	3-0-0	0.0
Total					19.5


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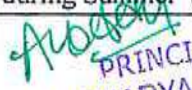
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CIVIL ENGINEERING

II B.TECH.

SEMESTER - III							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54301	Probability and Statistics for Civil Engineering	BS	3	0	0	3
2.	20A01301	Advanced Strength of Materials	PC	3	0	0	3
3.	20A01302T	Fluid Mechanics and Hydraulic Machines	PC	3	0	0	3
4.	20A01303T	Surveying	PC	3	0	0	3
5.	20A52301	Humanities Elective- I Managerial Economics & Financial Analysis	HS	3	0	0	3
	20A52302	Organizational Behavior					
	20A52303	Business Environment					
6.	20A01304	Basic Civil Engineering Laboratory	PC	0	0	3	1.5
7.	20A01302P	Fluid Mechanics and Hydraulic Machines Lab	PC	0	0	3	1.5
8.	20A01303P	Surveying Lab	PC	0	0	3	1.5
9.	20A05305	Skill oriented course - I Application development with Python	SC	1	0	2	2
10.	20A52201	Mandatory noncredit course – II Universal Human Values	MC	3	0	0	0
11.	20A99301	NSS/NCC/NSO Activities	-	-	-	2	0
Total							21.5

SEMESTER - IV							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54401	Mathematical Modeling & Optimization Techniques	BS	3	0	0	3
2.	20A01401T	Engineering Geology	ES	3	0	0	3
3.	20A01402	Structural Analysis – I	PC	3	0	0	3
4.	20A01403T	Concrete Technology	PC	3	0	0	3
5.	20A01404T	Environmental Engineering - I	PC	3	0	0	3
6.	20A01401P	Engineering Geology Lab	ES	0	0	3	1.5
7.	20A01405	Concrete Materials Lab	PC	0	0	3	1.5
8.	20A01404P	Environmental Engineering Lab	PC	0	0	3	1.5
9.	20A52401	Skill oriented course – II Soft Skills	SC	1	0	2	2
10.	20A99401	Mandatory non-credit course - III Design Thinking for Innovation	MC	2	1	0	0
Total							21.5
Mandatory Community Service Internship for 6 weeks duration during Summer Vacation							


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Electrical & Electronics Engineering

Semester - 1 (Theory - 5, Lab - 4)

S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	20A54101	Linear Algebra and Calculus	BS	3-0-0	3
2.	20A56201T	Applied Physics	BS	3-0-0	3
3.	20A52101T	Communicative English	HS	3-0-0	3
4.	20A02101T	Fundamentals of Electrical Circuits	ES	3-0-0	3
5.	20A03101T	Engineering Drawing	ES	1-0-0/2	2
6.	20A03101P	Engineering Graphics Lab	ES	0-0-2	1
7.	20A56201P	Applied Physics Lab	BS	0-0-3	1.5
8.	20A52101P	Communicative English Lab	HS	0-0-3	1.5
9.	20A02101P	Fundamentals of Electrical Circuits Lab	ES	0-0-2	1.5
Total					19.5

Semester - 2 (Theory - 5, Lab - 5)

S.No	Course No	Course Name	Category	L-T-P	Credits
1.	20A54201	Differential Equations and Vector Calculus	BS	3-0-0	3
2.	20A51101T	Chemistry	BS	3-0-0	3
3.	20A05201T	C-Programming & Data Structures	ES	3-0-0	3
4.	20A04101T	Electronic Devices & Circuits	ES	3-0-0	3
5.	20A03202	Engineering Workshop	LC	0-0-3	1.5
6.	20A05202	IT Workshop	LC	0-0-3	1.5
7.	20A05201P	C-Programming & Data Structures Lab	ES	0-0-3	1.5
8.	20A51101P	Chemistry Lab	BS	0-0-3	1.5
9.	20A04101P	Electronic Devices & Circuits Lab	ES	0-0-3	1.5
10	20A99201	Environmental Science	MC	3-0-0	0.0
Total					19.5


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R 20 Regulations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
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ANANTHAPURAMU – 515 002 (A.P) INDIA

ELECTRICAL AND ELECTRONICS ENGINEERING

II B.TECH.

Semester– III							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54302	Complex Variables & Transforms	BS	3	0	0	3
2.	20A02301T	Electrical Circuit Analysis	PC	3	0	0	3
3.	20A02302T	DC Machines & Transformers	PC	3	0	0	3
4.	20A04303T	Digital Logic Design	PC	3	0	0	3
5.	20A52301	Humanities Elective – I Managerial Economics & Financial Analysis	HS	3	0	0	3
	20A52302	Organizational Behavior					
	20A52303	Business Environment					
6.	20A02301P	Electrical Circuit Analysis Lab	PC	0	0	3	1.5
7.	20A02302P	DC Machines & Transformers Lab	PC	0	0	3	1.5
8.	20A04303P	Digital Logic Design Lab	PC	0	0	3	1.5
9.	20A05305	Skill oriented course – I Application development with Python	SC	1	0	2	2
10	20A52201	Mandatory noncredit course – II Universal Human Values	MC	3	0	0	0
11	20A99301	NSS/NCC/NSO Activities	MC	-	-	-	0
Total							21.5

Semester– IV							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54402	Numerical Methods & Probability Theory	BS	3	0	0	3
2.	20A04404T	Analog Electronic Circuits	ES	3	0	0	3
3.	20A02401T	Power Electronics	PC	3	0	0	3
4.	20A02402T	AC Machines	PC	3	0	0	3
5.	20A02403T	Electromagnetic Field Theory	PC	3	0	0	3
6.	20A04404P	Analog Electronic Circuits Lab	PC	0	0	3	1.5
7.	20A02401P	Power Electronics Lab	PC	0	0	3	1.5
8.	20A02402P	AC Machines Lab	PC	0	0	3	1.5
9.	20A02404	Skill oriented course – II Circuits Simulation & Analysis using PSPICE	SC	1	0	2	2
10	20A99401	Mandatory noncredit course – III Design Thinking for Innovation	MC	2	1	0	0
Total							21.5
Community Service Internship (Mandatory) for 6 weeks duration during summer vacation							

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Mechanical Engineering

Semester - 1 (Theory - 5, Lab - 4)

S.No	Course No	Course Name	Category	L-T-P	Credits
1.	20A54101	Linear Algebra and Calculus	BS	3-0-0	3
2.	20A51201T	Engineering Chemistry	BS	3-0-0	3
3.	20A05201T	C-Programming & Data Structures	ES	3-0-0	3
4.	20A02101T	Basic Electrical & Electronics Engineering	ES	3-0-0	3
5.	20A03202	Engineering Workshop	ES	0-0-3	1.5
6.	20A05202	IT Workshop	ES	0-0-3	1.5
7.	20A51201P	Engineering Chemistry Lab	BS	0-0-3	1.5
8.	20A05201P	C-Programming & Data Structures Lab	ES	0-0-3	1.5
9.	20A02101P	Basic Electrical & Electronics Engineering Lab	ES	0-0-2	1.5
Total					19.5

Semester - 2 (Theory - 5, Lab - 5)

S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	20A54201	Differential Equations and Vector Calculus	BS	3-0-0	3
2.	20A56101T	Engineering Physics	BS	3-0-0	3
3.	20A52101T	Communicative English	HS	3-0-0	3
4.	20A03201T	Material Science & Engineering	ES	3-0-0	3
5.	20A03101T	Engineering Drawing	ES	1-0-0/2	2
6.	20A03101P	Engineering Graphics Lab	ES	0-0-2	1
7.	20A52101P	Communicative English Lab	HS	0-0-3	1.5
8.	20A56101P	Engineering Physics Lab	BS	0-0-3	1.5
9.	20A03201P	Material Science Lab	ES	0-0-3	1.5
10	20A52201	Universal Human Values	MC	3-0-0	0.0
Total					19.5


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., ACT No.30 of 2008)
ANANTHAPURAMU – 515 002 (A.P) INDIA

MECHANICAL ENGINEERING

II B.TECH.

Semester-III							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54303	Complex variables, Transforms and Application of PDE	BS	3	0	0	3
2.	20A01302T	Fluid Mechanics & Hydraulic Machines	PC	3	0	0	3
3.	20A03301T	Manufacturing Processes	PC	3	0	0	3
4.	20A03302	Thermodynamics	PC	3	0	0	3
5.	20A01305T	Mechanics of Materials	ES	3	0	0	3
6.	20A01302P	Fluid Mechanics & Hydraulic Machines Lab	PC	0	0	3	1.5
7.	20A03301P	Manufacturing Processes Lab	PC	0	0	3	1.5
8.	20A01305P	Mechanics of Materials Lab	ES	0	0	3	1.5
9.	20A05305	Skill oriented course – I Application Development with Python	SC	1	0	2	2
10.	20A99201	Mandatory noncredit course – II Environmental Science	MC	3	0	0	0
Total							21.5

Semester-IV							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54402	Numerical Methods & Probability Theory	BS	3	0	0	3
2.	20A03401T	Applied Thermodynamics	PC	3	0	0	3
3.	20A03402	Kinematics of Machinery	PC	3	0	0	3
4.	20A03403T	Manufacturing Technology	PC	3	0	0	3
5.	20A52301 20A52302 20A52303	Humanities Elective- I Managerial Economics & Financial Analysis Organizational Behavior Business Environment	HS	3	0	0	3
6.	20A03401P	Applied Thermodynamics Lab	PC	0	0	3	1.5
7.	20A03403P	Manufacturing Technology Lab	PC	0	0	3	1.5
8.	20A03404	Computer Aided Machine Drawing	PC	0	0	3	1.5
9.	20A52401	Skill oriented course – II Soft skills	SC	1	0	2	2
10.	20A99401	Mandatory noncredit course – III Design Thinking for Innovation	MC	2	1	0	0
11.	20A99301	NSS/NCC/NSO Activities	-	0	0	2	0
Total							21.5
Community Service Internship/Project (Mandatory) for 6 weeks duration during summer vacation							



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Electronics & Communication Engineering

Semester - 1 (Theory - 5, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	20A54101	Linear Algebra and Calculus	BS	3-0-0	3
2.	20A56201T	Applied Physics	BS	3-0-0	3
3.	20A52101T	Communicative English	HS	3-0-0	3
4.	20A02101T	Fundamentals of Electrical Circuits	ES	3-0-0	3
5.	20A03101T	Engineering Drawing	ES	1-0-0/2	2
6.	20A03101P	Engineering Graphics Lab	ES	0-0-2	1
7.	20A56201P	Applied Physics Lab	BS	0-0-3	1.5
8.	20A52101P	Communicative English Lab	HS	0-0-3	1.5
9.	20A02101P	Fundamentals of Electrical Circuits Lab	ES	0-0-2	1.5
Total					19.5

Semester – 2 (Theory – 5, Lab – 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	20A54201	Differential Equations and Vector Calculus	BS	3-0-0	3
2.	20A51101T	Chemistry	BS	3-0-0	3
3.	20A05201T	C-Programming & Data Structures	ES	3-0-0	3
4.	20A04101T	Electronic Devices & Circuits	ES	3-0-0	3
5.	20A03202	Engineering Workshop	LC	0-0-3	1.5
6.	20A05202	IT Workshop	LC	0-0-3	1.5
7.	20A05201P	C-Programming & Data Structures Lab	ES	0-0-3	1.5
8.	20A51101P	Chemistry Lab	BS	0-0-3	1.5
9.	20A04101P	Electronic Devices & Circuits Lab	ES	0-0-3	1.5
10	20A99201	Environmental Science	MC	3-0-0	0.0
Total					19.5

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R20 Regulations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
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ANANTHAPURAMU – 515 002 (A.P) INDIA

Electronics & Communication Engineering

II B.TECH.

Semester-III							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54302	Complex Variables and Transforms	BS	3	0	0	3
2.	20A04301T	Signals and Systems	PC	3	0	0	3
3.	20A02303T	Electrical Engineering	ES	3	0	0	3
4.	20A04302T	Analog Circuits	PC	3	0	0	3
5.	20A52301 20A52302 20A52303	Humanities Elective- I Managerial Economics & Financial Analysis Organizational Behaviour Business Environment	HS	3	0	0	3
6.	20A04301P	Simulation Lab	PC	0	0	3	1.5
7.	20A02303P	Electrical Engineering Lab	ES	0	0	3	1.5
8.	20A04302P	Analog Circuits Lab	PC	0	0	3	1.5
9.	20A05305	Skill oriented course – I Application Development with Python	SC	1	0	2	2
10.	20A52201	Mandatory noncredit course – II Universal Human Values	MC	3	0	0	0
11.	20A99301	NSS/NCC/NSO Activities	MC	0	0	2	0
Total							21.5

Semester-IV							
S.No.	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54403	Probability Theory & Stochastic Processes	BS	3	0	0	3
2.	20A04303T	Digital Logic Design	PC	3	0	0	3
3.	20A04401	EM Waves and Transmission Lines	PC	3	0	0	3
4.	20A04402T	Communication Systems	PC	3	0	0	3
5.	20A04403T	Linear and Digital IC Applications	PC	3	0	0	3
6.	20A04303P	Digital Logic Design Lab	PC	0	0	3	1.5
7.	20A04402P	Communication Systems Lab	PC	0	0	3	1.5
8.	20A04403P	Linear and Digital IC Applications Lab	PC	0	0	3	1.5
9.	20A52401	Skill Oriented Course –II Soft Skills	SC	1	0	2	2
10.	20A99401	Mandatory noncredit course – III Design Thinking for Innovation	MC	2	1	0	0
Total							21.5
Community Service Internship (Mandatory) for 6 weeks duration during summer vacation							

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CSE
Course Structure (R20)

Semester - 1 (Theory - 5, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	20A54101	Linear Algebra and Calculus	BS	3-0-0	3
2.	20A51101T	Chemistry	BS	3-0-0	3
3.	20A05201T	C-Programming & Data Structures	ES	3-0-0	3
4.	20A02101T	Basic Electrical & Electronics Engineering	ES	3-0-0	3
5.	20A03202	Engineering Workshop	LC	0-0-3	1.5
6.	20A05202	IT Workshop	LC	0-0-3	1.5
7.	20A51101P	Chemistry Lab	BS	0-0-3	1.5
8.	20A05201P	C-Programming & Data Structures Lab	ES	0-0-3	1.5
9.	20A02101P	Basic Electrical & Electronics Engineering Lab	ES	0-0-2	1.5
Total					19.5

Semester - 2 (Theory - 5, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	20A54202	Probability & Statistics	BS	3-0-0	3
2.	20A56201T	Applied Physics	BS	3-0-0	3
3.	20A52101T	Communicative English	HS	3-0-0	3
4.	20A05101T	Python Programming & Data Science	ES	3-0-0	3
5.	20A03101T	Engineering Drawing	ES	1-0-0/2	2
6.	20A03101P	Engineering Graphics Lab	ES	0-0-2	1
7.	20A52101P	Communicative English Lab	HS	0-0-3	1.5
8.	20A56201P	Applied Physics Lab	BS	0-0-3	1.5
9.	20A05101P	Python Programming & Data Science Lab	ES	0-0-3	1.5
10	20A52201	Universal Human Values	MC	3-0-0	0.0
Total					19.5


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R 20 Regulations

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Computer Science & Engineering

II B.TECH.

Semester-III

S.No	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54304	Discrete Mathematics & Graph Theory	BS	3	0	0	3
2.	20A04304T	Digital Electronics & Microprocessors	ES	3	0	0	3
3.	20A05301T	Advanced Data Structures & Algorithms	PC	3	0	0	3
4.	20A05302T	Object Oriented Programming Through Java	PC	3	0	0	3
5.	20A05303	Computer Organization	PC	3	0	0	3
6.	20A04304P	Digital Electronics & Microprocessors Lab	ES	0	0	3	1.5
7.	20A05301P	Advanced Data Structures and Algorithms Lab	PC	0	0	3	1.5
8.	20A05302P	Object Oriented Programming Through Java Lab	PC	0	0	3	1.5
9.	20A05304	Skill Oriented Course – I Web application Development	SC	1	0	2	2
10.	20A99201	Mandatory noncredit course - II Environmental Science	MC	3	0	0	0
Total							21.5

Semester-IV

S.No	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54404	Deterministic & Stochastic Statistical Methods	BS	3	0	0	3
2.	20A05401T	Database Management Systems	PC	3	0	0	3
3.	20A05402T	Operating Systems	PC	3	0	0	3
4.	20A05403T	Software Engineering	PC	3	0	0	3
5.	20A52301	Humanities Elective– I Managerial Economics & Financial Analysis	HS	3	0	0	3
	20A52302	Organizational Behaviour					
	20A52303	Business Environment					
6.	20A05401P	Database Management Systems Lab	PC	0	0	3	1.5
7.	20A05402P	Operating Systems Lab	PC	0	0	3	1.5
8.	20A05403P	Software Engineering Lab	PC	0	0	3	1.5
9.	20A05404	Skill Oriented Course– II Exploratory Data Analysis with R	SC	1	0	2	2
10.	20A99401	Mandatory noncredit course – III Design Thinking for Innovation	MC	2	1	0	0
11.	20A99301	NSS/NCC/NSO Activities	MC	0	0	2	0
Total							21.5

Community Service Internship/Project(Mandatory) for 6 weeks duration during summer vacation

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Artificial Intelligence & Data Science
Course Structure (R20)

Semester - 1 (Theory - 5, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	20A54101	Linear Algebra and Calculus	BS	3-0-0	3
2.	20A51101T	Chemistry	BS	3-0-0	3
3.	20A05201T	C-Programming & Data Structures	ES	3-0-0	3
4.	20A02101T	Basic Electrical & Electronics Engineering	ES	3-0-0	3
5.	20A03202	Engineering Workshop	LC	0-0-3	1.5
6.	20A05202	IT Workshop	LC	0-0-3	1.5
7.	20A51101P	Chemistry Lab	BS	0-0-3	1.5
8.	20A05201P	C-Programming & Data Structures Lab	ES	0-0-3	1.5
9.	20A02101P	Basic Electrical & Electronics Engineering Lab	ES	0-0-2	1.5
Total					19.5

Semester - 2 (Theory - 5, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P/D	Credits
1.	20A54202	Probability & Statistics	BS	3-0-0	3
2.	20A56201T	Applied Physics	BS	3-0-0	3
3.	20A52101T	Communicative English	HS	3-0-0	3
4.	20A05101T	Python Programming & Data Science	ES	3-0-0	3
5.	20A03101T	Engineering Drawing	ES	1-0-0/2	2
6.	20A03101P	Engineering Graphics Lab	ES	0-0-2	1
7.	20A52101P	Communicative English Lab	HS	0-0-3	1.5
8.	20A56201P	Applied Physics Lab	BS	0-0-3	1.5
9.	20A05101P	Python Programming & Data Science Lab	ES	0-0-3	1.5
10.	20A52201	Universal Human Values	MC	3-0-0	0.0
Total					19.5

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R 20 Regulations

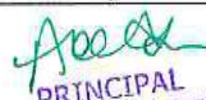
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ANANTHAPURAMU – 515 002 (A.P) INDIA

Artificial Intelligence & Data Science

II B.TECH.

Semester-III							
S.No	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54304	Discrete Mathematics & Graph Theory	BS	3	0	0	3
2.	20A04304T	Digital Electronics & Microprocessors	ES	3	0	0	3
3.	20A05301T	Advanced Data Structures & Algorithms	PC	3	0	0	3
4.	20A05302T	Object Oriented Programming Through Java	PC	3	0	0	3
5.	20A05303	Computer Organization	PC	3	0	0	3
6.	20A04304P	Digital Electronics & Microprocessors Lab	ES	0	0	3	1.5
7.	20A05301P	Advanced Data Structures and Algorithms Lab	PC	0	0	3	1.5
8.	20A05302P	Object Oriented Programming Through Java Lab	PC	0	0	3	1.5
9.	20A05304	Skill Oriented Course – I Web application Development	SC	1	0	2	2
10.	20A99201	Mandatory noncredit course - II Environmental Science	MC	3	0	0	0
Total							21.5

Semester-IV							
S.No	Course Code	Course Name	Category	Hours per week			Credits
				L	T	P	
1.	20A54404	Deterministic & Stochastic Statistical Methods	BS	3	0	0	3
2.	20A05401T	Database Management Systems	PC	3	0	0	3
3.	20A05402T	Operating Systems	PC	3	0	0	3
4.	20A30401T	Artificial Intelligence	PC	3	0	0	3
5.	20A52301 20A52302 20A52303	Humanities Elective- I Managerial Economics & Financial Analysis Organizational Behaviour Business Environment	HS	3	0	0	3
6.	20A05401P	Database Management Systems Lab	PC	0	0	3	1.5
7.	20A05402P	Operating Systems Lab	PC	0	0	3	1.5
8.	20A30401P	Artificial Intelligence Lab	PC	0	0	3	1.5
9.	20A05404	Skill Oriented Course- II Exploratory Data Analysis with R	SC	1	0	2	2
10.	20A99401	Mandatory noncredit course – III Design Thinking for Innovation	MC	2	1	0	0
11.	20A99301	NSS/NCC/NSO Activities	MC	0	0	2	0
Total							21.5
Community Service Internship/Project(Mandatory) for 6 weeks duration during summer vacation							


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R-19 Regulations (Civil)

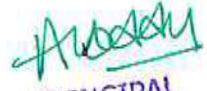
Semester – I (Theory - 4, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54101	Algebra and Calculus	BS	3-1-0	4
2.	19A56102T	Engineering Physics	BS	3-0-0	3
3.	19A05101T	Problem Solving & Programming	ES	3-1-0	4
4.	19A52101T	Communicative English 1	HS	2-0-0	2
5.	19A03101	Engineering Workshop	LC	0-0-2	1
6.	19A56102P	Engineering Physics Lab	BS	0-0-3	1.5
7.	19A05101P	Problem Solving & Programming Lab	ES	0-0-3	1.5
8.	19A52101P	Communicative English 1 Lab	HS	0-0-2	1
Total					18

Semester – II (Theory - 4, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A02201T	Basic Electrical & Electronics Engineering	ES	3-0-0	3
2.	19A54201	Differential Equations and Vector Calculus	BS	3-1-0	4
3.	19A51101T	Engineering Chemistry	BS	3-0-0	3
4.	19A05201T	Data Structures	ES	3-0-0	3
5.	19A01201	Civil Engineering Workshop	LC	0-0-2	1
6.	19A03102	Engineering Graphics Lab	ES	1-0-4	3
7.	19A02201P	Basic Electrical & Electronics Engineering Lab	ES	0-0-3	1.5
8.	19A51101P	Engineering Chemistry Lab	BS	0-0-3	1.5
9.	19A05201P	Data Structures Lab	ES	0-0-3	1.5
Total					21.5


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Semester –III (Theory - 7, Lab – 3,MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54301	Complex Variables, Transforms and Partial Differential Equations	BS	2-1-0	3
2.	19A01301T	Strength of Materials-I	PC	2-1-0	3
3.	19A01302T	Fluid Mechanics	PC	2-1-0	3
4.	19A01303T	Surveying	PC	2-1-0	3
5.	19A01304	Building Materials and Construction	PC	2-0-0	2
6.	19A05304T	Python Programming	ES	2-1-0	3
7.	19A52301	Universal Human Values	HS	2-0-0	2
8.	19A01301P	Strength of Material Lab	PC	0-0-3	1.5
9.	19A01302P	Fluid Mechanics Lab	PC	0-0-3	1.5
10.	19A01303P	Surveying Lab	PC	0-0-3	1.5
11.	19A99301	Environmental Science	MC	3-0-0	0
Total:					23.5

Semester – IV (Theory - 6, Lab – 2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A01401	Strength of Materials-II	PC	2-1-0	3
2.	19A01402T	Hydraulics and Hydraulic Machinery	PC	2-1-0	3
3.	19A01403	Structural Analysis-I	PC	2-1-0	3
4.	19A01404T	Concrete Technology	PC	3-0-0	3
5.	19A01405T	Transportation Engineering	PC	3-0-0	3
6.	19A01406	Environmental Engineering	PC	3-0-0	3
7.	19A01402P	Hydraulic Machinery Lab	PC	0-0-3	1.5
8.	19A01405P	Transportation Engineering Lab	PC	0-0-3	1.5
9.	19A99302	Biology For Engineers	MC	3-0-0	0
Total:					21


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Semester –V (Theory - 7, Lab – 2 MC-1)					
S.No.	Course No	Course Name	Category	L-T-P	Credits
1.	19A01501	Design of Reinforced Concrete Structures	PC	2-1-0	3
2.	19A01502	Water Resources Engineering	PC	3-0-0	3
3.	19A01503T	Engineering Geology	PC	2-0-0	2
4.	19A01504	Structural Analysis-II	PC	2-1-0	3
5.	19A01505a 19A01505b 19A01505c 19A01505d 19A01505e	Professional Elective-I Building Construction Practice Subsurface Investigation and Instrumentation Environmental Pollution and Control Advanced Surveying Urban Hydrology	PE	3-0-0	3
6.	19A02506a 19A03506a 19A03506b 19A04506a 19A04506b 19A05506a 19A05506b 19A27506a 19A27506b 19A54506a 19A52506a 19A51506a	Open Elective-I Electrical Engineering Materials Introduction to Hybrid and Electric Vehicles Rapid Prototyping Analog Electronics Digital Electronics Free and Open Sources Systems Computer Graphics and Multimedia Animation Brewing Technology Computer Applications in Food Technology Optimization Techniques Technical Communication and Presentation Skills Chemistry of Energy Materials	OE	3-0-0	3
7.	19A01507	Computer Aided Civil Engineering Drawing	PC	0-0-3	1.5
8.	19A01508	Environmental Engineering Lab	PC	0-0-3	1.5
9.	19A01503P	Engineering Geology Lab	PC	0-0-2	1.0
10.	19A01509	Socially Relevant Project	PR	-----	0.5
11.	19A99501	Mandatory course: Constitution of India	MC	3-0-0	0
Total:					21.5


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Semester – VI (Theory - 6, Lab - 2)					
S.No.	Course No	Course Name	Category	L-T-P	Credits
1.	19A01601T	Geotechnical Engineering -I	PC	2-1-0	3
2.	19A01602	Design of Steel Structures	PC	2-1-0	3
3.	19A52601T	English Language Skills	HS	3-0-0	3
4.	19A01603a 19A01603b 19A01603c 19A01603d 19A01603e	Professional Elective-II (MOOC) Maintenance And Repair of Concrete Structures Ground Improvement Environmental Air Pollution Urban transportation planning Water Resources Systems: Modeling Techniques and Analysis	PE	3-0-0	3
5.	19A02604a 19A02604b 19A03604a 19A03604b 19A04604a 19A04604b 19A05604a 19A05604b 19A27604a 19A27604b 19A54604a 19A52604a 19A51604a	Open Elective-II Industrial Automation System Reliability Concepts Introduction to Mechatronics Optimization techniques through MATLAB Basics of VLSI Principles of Communication Systems Fundamentals of VR/AR/MR Data Science Food Toxicology Food Plant Equipment Design Wavelet Transforms & its applications Soft Skills Chemistry of Polymers and Its Applications	OE	3-0-0	3
6.	19A52602a 19A52602b 19A52602c 19A52602d 19A52602e	Humanities Elective-I Entrepreneurship & Incubation Managerial Economics and Financial Analysis Business Ethics and Corporate Governance Enterprise Resource Planning Supply Chain Management	HE	3-0-0	3
7.	19A01601P	Geotechnical Engineering lab	PC	0-0-3	1.5
8.	19A52601P	English Language Skills Lab	HS	0-0-3	1.5
9.	19A01605	Socially Relevant Project	PR	-----	0.5
10.	19A99601	Mandatory Course: Research Methodology	MC	3-0-0	0
11.	19A01606	Comprehensive online examination		-	0
Total					21.5

Semester – VII (Theory - 5, Lab -2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A01701	Geotechnical Engineering-II	PC	2-1-0	3
2.	19A01702	Estimation & costing	PC	2-1-0	3
3.	19A01703a1 19A01703a2 19A01703b1 19A01703b2 19A01703c1 19A01703c2 19A01703d1 19A01703d2 19A01703e1 19A01703e2	Professional Elective-III Bridge Engineering Prestressed concrete Expansive soils Rock Mechanics Industrial Waste & Wastewater Engineering Remote Sensing and GIS Traffic Engineering Urban Transportation Planning Water Resources System Analysis OR River Basin Management	PE	3-0-0	3
4.	19A02704a 19A02704b 19A03704a 19A03704b 19A04704a 19A04704b 19A05704a 19A05704b 19A27704a 19A27704b 19A54704a 19A51704a	Open Elective-III Renewable Energy Systems Electric Vehicle Engineering Finite element methods Product Marketing Introduction to Microcontrollers & Applications Principles of Digital Signal Processing Fundamentals of Game Development Cyber Security Corporate Governance in Food Industries Process Technology for Convenience & RTE Foods Numerical Methods for Engineers (ECE, CSE, IT & CE) Chemistry of Nanomaterials and Applications	OE	3-0-0	3
5.	19A52701a 19A52701b 19A52701c 19A52701d 19A52701e	Humanities Elective-II Organizational Behavior Management Science Business Environment Strategic Management E-Business	HS	3-0-0	3
6.	19A01404P	Concrete technology Lab	PC	0-0-3	1.5
7.	19A01705	Computer Aided Design Lab	PC	0-0-3	1.5
9.	19A01706	Industrial Training/Skill Development/Research Project*	PR	-----	2
				Total	20

Semester – VIII					
S.No.	Course No	Course Name	Category	L-T-P	Credits
1.	19A01801a1	Professional Elective-IV Finite Element Methods	PE	3-0-0	3
	19A01801a2	Advanced R.C.C Structural Design			
	19A01801a3	Advanced steel structures			
	19A01801b1	Advanced Foundation Engineering			
	19A01801b2	Soil structure interaction			
	19A01801c1	Environmental Impact Assessment			
	19A01801c2	Environmental Economics			
	19A01801d1	Docks and Harbor Engineering			
	19A01801d2	Traffic Analysis			
	19A01801e1	Design and Drawing of Irrigation Structures			
	19A01801e2	Water Shed Management			
	19A01801e3	Sustainable Water Resources Development			
2.	19A02802a	Open Elective-IV IoT Applications in Electrical Engineering	OE	3-0-0	3
	19A02802b	Smart Electric Grid			
	19A03802a	Energy conservation and management			
	19A03802b	Non - destructive testing			
	19A04802a	Introduction to Image Processing			
	19A04802b	Principles of Cellular and Mobile Communications			
	19A04802c	Industrial Electronics			
	19A04802d	Electronic Instrumentation			
	19A05802a	Block Chain Technology and Applications			
	19A05802b	MEAN Stack Technology			
	19A27802a	Food Plants Utilities & Services			
	19A27802b	Nutraceuticals & Functional Foods			
	19A54802a	Mathematical Modeling & Simulation			
	19A51802a	Green Chemistry and Catalysis for Sustainable Environment			
3.	19A01803	Project	PR	-----	7
Total					13

R-19 Regulations (E E E)

Semester - I (Theory - 4, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54101	Algebra & Calculus	BS	3-1-0	4
2.	19A56101T	Applied Physics	BS	3-0-0	3
3.	19A05101T	Problem Solving & Programming	ES	3-1-0	4
4.	19A52101T	Communicative English I	HS	2-0-0	2
5.	19A02101	Electrical & Electronics Engineering Workshop	LC	0-0-2	1
6.	19A56101P	Applied Physics Lab	BS	0-0-3	1.5
7.	19A05101P	Problem Solving & Programming Lab	ES	0-0-3	1.5
8.	19A52101P	Communicative English I Lab	HS	0-0-2	1
Total					18

Semester - II (Theory - 4, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A01201T	Basic Civil & Mechanical Engineering	ES	3-0-0	3
2.	19A54201	Differential Equations and Vector Calculus	BS	3-1-0	4
3.	19A51102T	Chemistry	BS	3-0-0	3
4.	19A05201T	Data Structures	ES	3-0-0	3
5.	19A03101	Engineering Workshop	LC	0-0-2	1
6.	19A03102	Engineering Graphics Lab	ES	1-0-4	3
7.	19A01201P	Basic Civil & Mechanical Engineering Lab	ES	0-0-3	1.5
8.	19A51102P	Chemistry Lab	BS	0-0-3	1.5
9.	19A05201P	Data Structures Lab	ES	0-0-3	1.5
Total					21.5

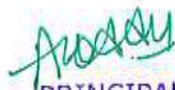

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Semester – III (Theory - 6, Lab – 3, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54302	Complex Variables & Transforms	BS	2-1-0	3
2.	19A02301T	Basic Electrical Circuits	PC	2-1-0	3
3.	19A02302	Power System Architecture	PC	2-1-0	3
4.	19A02303T	DC Machines & Transformers	PC	2-1-0	3
5.	19A04306T	Semiconductor Devices and Circuits	PC	1-1-0	2
6.	19A04304	Digital Electronics and Logic Design	PC	2-1-0	3
7.	19A02303P	DC Machines & Transformers Lab	PC	0-0-3	1.5
8.	19A04306P	Semiconductor Devices and Circuits Lab	PC	0-0-3	1.5
9.	19A02301P	Basic Electrical Circuits Lab	PC	0-0-3	1.5
10.	19A99302	Biology For Engineers	MC	3-0-0	0
Total					21.5

Semester - IV (Theory - 7, Lab – 2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54304	Numerical Methods & Probability Theory	BS	2-1-0	3
2.	19A02401T	Electrical Circuit Analysis	PC	2-1-0	3
3.	19A02402	Engineering Electromagnetics	PC	2-1-0	3
4.	19A02403	Power Electronics	PC	2-1-0	3
5.	19A04405	Analog Electronic Circuits	PC	2-1-0	3
6.	19A05304T	Python Programming	ES	2-1-0	3
7.	19A52301	Universal Human Values	HS	2-0-0	2
8.	19A02401P	Electrical Circuit Analysis Lab	PC	0-0-3	1.5
9.	19A04406	Electronic Circuits Lab	PC	0-0-3	1.5
10.	19A99301	Environmental Science	MC	3-0-0	0
Total					23


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Semester – V (Theory - 6, Lab – 3, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A02501T	AC Machines	PCC	2-1-0	3
2.	19A02502	Control Systems	PCC	2-1-0	3
3.	19A52601T	English Language Skills	PCC	3-0-0	3
4.	19A02504	Electrical Machine Design	PCC	1-1-0	2
5.	19A02503a 19A02503b 19A02503c 19A02503d 19A02503e	Professional Elective-I HVDC and FACTS DC Drives Programmable Logic Controllers Analog and digital IC applications Solar Power Systems	PEC-I	2-1-0	3
6.	19A01506a 19A01506b 19A03506a 19A03506b 19A04506a 19A04506b 19A05506a 19A05506b 19A27506a 19A27506b 19A54506a 19A52506a 19A51506a	Open Elective-I Experimental stress analysis. Building Technology Introduction to Hybrid and Electric Vehicles Rapid Prototyping Analog Electronics Digital Electronics Free and Open Sources Systems Computer Graphics and Multimedia Animation Brewing Technology Computer Applications in Food Technology Optimization Techniques Technical Communication and Presentation Skills Chemistry of Energy Materials	OEC-I	2-1-0	3
7.	19A02501P	AC Machines Lab	PCC	0-0-3	1.5
8.	19A52601P	English Language Skills Lab	PCC	0-0-3	1.5
9.	19A02506	Power Electronics & Simulation Lab	PCC	0-0-2	1
10.	19A02507	Socially Relevant Project	PR	0-0-0.5	0.5
11.	19A99601	Research Methodology	MC	3-0-0	0
Total					21.5


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Semester – VI (Theory - 6, Lab – 2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04301	Signals & Systems	PCC	2-1-0	3
2.	19A02601T	Digital Computer Platforms	PCC	2-1-0	3
3.	19A02602	Power System Analysis	PCC	2-1-0	3
4.	19A02603a 19A02603b 19A02603c 19A04703c 19A02603d	Professional Elective-II (MOOC) Power Quality Fundamentals of Semiconductor Devices Nonlinear System Analysis Introduction to Embedded System Design Design of Photovoltaic Systems	PEC-II	2-1-0	3
5.	19A01604a 19A01604b 19A03604a 19A03604b 19A04604a 19A04604b 19A05604a 19A05604b 19A27604a 19A27604b 19A54604a 19A52604a 19A51604a	Open Elective-II Industrial waste and wastewater management. Building Services & Maintenance Introduction to Mechatronics Optimization techniques through MATLAB Basics of VLSI Principles of Communication Systems Fundamentals of VR/AR/MR Data Science Food Toxicology Food Plant Equipment Design Wavelet Transforms & its applications Soft Skills Chemistry of Polymers and Its Applications	OEC-II	2-1-0	3
6.	19A52602a 19A52602b 19A52602c 19A52602d 19A52602e	Humanities Elective-I Entrepreneurship & Incubation Managerial Economics And Financial Analysis Business Ethics and Corporate Governance Enterprise Resource Planning Supply Chain Management	HSMC	3-0-0	3
7.	19A02605	Control Systems & Simulation Lab	PCC	0-0-3	1.5
8.	19A02601P	Digital Computer Platforms Lab	PCC	0-0-3	1.5
9.	19A02606	Socially Relevant Project	PR	0-0-0.5	0.5
10.	19A99501	Constitution of India	MC	3-0-0	0
11.	19A02607	Comprehensive online examination		-	0
Total					21.5

Semester – VII (Theory - 5 Lab – 2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A02701	Measurements & Sensors	PCC	2-1-0	3
2.	19A02702	Power System Protection	PCC	2-1-0	3
3.	19A02703a 19A02703b 19A02703c 19A04602T 19A02703d	Professional Elective-III Power System Operation & Control Switched mode Power Converters Instrumentation Digital Signal Processing Applications of Power Electronics to Renewable Energy Sources	PEC-III	3-0-0	3
4.	19A01704a 19A01704b 19A03704a 19A03704b 19A04704a 19A04704b 19A05704a 19A05704b 19A27704a 19A27704b 19A54704a 19A51704a	Open Elective-III Air pollution and control. Basics of civil Engineering Finite element methods Product Marketing Introduction to Microcontrollers & Applications Principles of Digital Signal Processing Fundamentals of Game Development Cyber Security Corporate Governance in Food Industries Process Technology for Convenience & RTE Foods Numerical Methods for Engineers (ECE, CSE, IT &CE) Chemistry of Nanomaterials and Applications	OEC-III	3-0-0	3
5.	19A52701a 19A52701b 19A52701c 19A52701d 19A52701e	Humanities Elective-II Organizational Behavior Management Science Business Environment Strategic Management E-Business	HSMC	3-0-0	3
6.	19A02705	Power Systems & Simulation Lab	PCC	0-0-3	1.5
7.	19A02706	Measurements Lab	PCC	0-0-3	1.5
8.	19A02707	Industrial Training/Skill Development/Research Project*	PR	-----	2
Total					20

Semester – VIII (Theory - 2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A02801a	Professional Elective-IV Power Quality	PE	3-0-0	3
	19A02801b	FPGA based controller design			
	19A02801c	Intelligent Control Techniques			
	19A04604b	Principles of Communication Systems			
	19A02801d	Energy Storage Systems			
2.	19A01802a	Open Elective-IV Disaster Management.	OE	3-0-0	3
	19A01802b	Global Warming and climate changes			
	19A03802a	Energy conservation and management			
	19A03802b	Non - destructive testing			
	19A04802a	Introduction to Image Processing			
	19A04802b	Principles of Cellular and Mobile Communications			
	19A04802c	Industrial Electronics			
	19A04802d	Electronic Instrumentation			
	19A05802a	Block Chain Technology and Applications			
	19A05802b	MEAN Stack Technology			
	19A27802a	Food Plants Utilities & Services			
	19A27802b	Nutraceuticals & Functional Foods			
	19A54802a	Mathematical Modeling & Simulation			
	19A51802a	Green Chemistry and Catalysis for Sustainable Environment			
3.	19A02803	Project	PR	-----	7
Total					13


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R-19 regulations (Mech)

Semester - I (Theory - 3, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54101	Algebra and Calculus	BS	3-1-0	4
2.	19A51101T	Engineering Chemistry	BS	3-0-0	3
3.	19A05101T	Problem Solving & Programming	ES	3-1-0	4
4.	19A03102	Engineering Graphics Lab	ES	1-0-4	3
5.	19A03101	Engineering Workshop	LC	0-0-2	1
6.	19A51101P	Engineering Chemistry Lab	BS	0-0-3	1.5
7.	19A05101P	Problem Solving & Programming Lab	ES	0-0-3	1.5
Total					18

Semester - II (Theory - 5, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A02201T	Basic Electrical & Electronics Engineering	ES	3-0-0	3
2.	19A54201	Differential Equations and Vector Calculus	BS	3-1-0	4
3.	19A56102T	Engineering Physics	BS	3-0-0	3
4.	19A05201T	Data Structures	ES	3-0-0	3
5.	19A52101T	Communicative English 1	HS	2-0-0	2
6.	19A52101P	Communicative English 1 Lab	HS	0-0-2	1
7.	19A03201	Mechanical Engineering Workshop	LC	0-0-2	1
8.	19A02201P	Basic Electrical & Electronics Engineering Lab	ES	0-0-3	1.5
9.	19A56102P	Engineering Physics Lab	BS	0-0-3	1.5
10.	19A05201P	Data Structures Lab	ES	0-0-3	1.5
Total					21.5

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Semester - III (Theory - 7, Lab – 3,MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54301	Complex Variables, Transforms and PDE	BS	2-1-0	3
2.	19A05304T	Python Programming	ES	2-1-0	3
3.	19A03301T	Manufacturing Processes	PC	3-0-0	3
4.	19A03302	Engineering Mechanics	PC	3-0-0	3
5.	19A03303T	Material Science and Engineering	PC	3-0-0	3
6.	19A99303T	Design Thinking & Product Innovation	ES	2-0-0	2
7.	19A52301	Universal Human Values	HE	2-0-0	2
8.	19A99303P	Design Thinking & Product Innovation Lab	ES	0-0-3	1.5
9.	19A03301P	Manufacturing Processes Lab	PC	0-0-3	1.5
10.	19A03303P	Material Science and Engineering Lab	PC	0-0-3	1.5
11.	19A99301	Environmental Sciences	MC	3-0-0	0
Total					23.5

Semester - IV (Theory - 6, Lab – 2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54304	Numerical Methods and Probability theory	BS	2-1-0	3
2.	19A03401	Thermodynamics	PC	2-1-0	3
3.	19A03402T	Mechanics of Materials	PC	2-1-0	3
4.	19A01407	Fluid Mechanics and Hydraulic Machinery	PC	2-1-0	3
5.	19A05406T	Internet of Things	ES	2-0-2	3
6.	19A03403	Kinematics of Machinery	PC	2-1-0	3
7.	19A03404	Computer Aided Machine Drawing	PC	0-0-3	1.5
8.	19A03402P	Mechanics of Materials Lab	PC	0-0-3	1.5
9.	19A99302	Biology For Engineers	MC	3-0-0	0
Total					21


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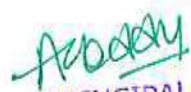
Semester - V (Theory - 6, Lab – 3, MC-1)					
S.No	Course No	Course Name	Categ ory	L-T-P	Credits
1.	19A03501T	Applied Thermodynamics	PC	2-1-0	3
2.	19A03502T	Manufacturing Technology	PC	2-0-0	2
3.	19A03503T	Heat Transfer	PC	2-1-0	3
4.	19A03505	Dynamics of Machinery	PC	2-1-0	3
5.	19A03504a 19A03504b 19A03504c 19A03504d 19A03504e	Professional Elective 1 Automobile Engineering Manufacturing Methods in Precision Engineering Design of Transmission Systems Power Plant Engineering Ergonomics and Human Factors in Engineering	PE	3-0-0	3
6.	19A01506a 19A01506b 19A02506a 19A04506a 19A04506b 19A05506a 19A05506b 19A27506a 19A27506b 19A54506a 19A52506a 19A51506a	Open Elective-I Experimental stress analysis. Building Technology Electrical Engineering Materials Analog Electronics Digital Electronics Free and Open Sources Systems Computer Graphics and Multimedia Animation Brewing Technology Computer Applications in Food Technology Optimization Techniques Technical Communication and Presentation Skills Chemistry of Energy Materials	PE	3-0-0	3
7.	19A03501P	Applied Thermodynamics Lab	PC	0-0-3	1.5
8.	19A03502P	Manufacturing Technology Lab	PC	0-0-3	1.5
9.	19A03403P	Fluid Mechanics & Hydraulic Machinery Lab	PC	0-0-2	1
10.	19A03507	Socially Relevant Projects (15 Hrs/Sem)	PR	0-0-0.5	0.5
11.	19A99501	Mandatory Course: Constitution of India	MC	3-0-0	0
Total					21.5


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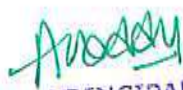
Semester - VI (Theory - 6, Lab – 2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A03601	Design of Machine Elements	PC	2-1-0	3
2.	19A03602T	Introduction to CAD/CAM	PC	3-0-0	3
3.	19A52601T	English Language Skills	BS	3-0-0	3
4.	19A03603a 19A03603b 19A03603c 19A03603d 19A03603e	Professional Elective-II (MOOC) Introduction to Turbo machinery Fundamentals of Additive Manufacturing Introduction to Composites Computational Fluid Dynamics Engineering Fracture Mechanics	PE	3-0-0	3
5.	19A01604a 19A01604b 19A02604a 19A02604b 19A04604a 19A04604b 19A05604a 19A05604b 19A27604a 19A27604b 19A54604a 19A52604a 19A51604a	Open Elective-II Industrial waste and wastewater management. Building Services & Maintenance Industrial Automation System Reliability Concepts Basics of VLSI Principles of Communication Systems Fundamentals of VR/AR/MR Data Science Food Toxicology Food Plant Equipment Design Wavelet Transforms & its applications Soft Skills Chemistry of Polymers and Its Applications	OE	3-0-0	3
6.	19A52602a 19A52602b 19A52602c 19A52602d 19A52602e	Humanities Elective-I Entrepreneurship & Incubation Managerial Economics and Financial Analysis Business Ethics and Corporate Governance Enterprise Resource Planning Supply Chain Management	HS	3-0-0	3
7.	19A03503P	Heat Transfer Lab	PC	0-0-3	1.5
8.	19A52601P	English Language Skills Lab	BS	0-0-3	1.5
9.	19A03605	Socially Relevant Projects (15 Hrs/Sem)	PR	----	0.5
10.	19A99601	Research Methodology	MC	3-0-0	0
11.	19A03606	Comprehensive online examination		-	0
Total					21.5


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Semester – VII (Theory - 5, Lab -2)					
S.No	Course No	Course Name	Cate gory	L-T-P	Credits
1.	19A03701	Operations Research	PC	2-1-0	3
2.	19A03702T	Metrology & Measurements	PC	2-0-0	2
3	19A03703a	Professional Elective-III Automotive Transmission Systems	PE	3-0-0	3
	19A03703b	Simulation and Modelling of Manufacturing Systems			
	19A03703c	Mechanical Behaviour of Materials			
	19A03703d	Solar and Wind Energy			
4.	19A01704a	Open Elective-III Air pollution and control.	PE	3-0-0	3
	19A01704b	Basics of civil Engineering			
	19A02704a	Renewable Energy Systems			
	19A02704b	Electric Vehicle Engineering			
	19A04704a	Introduction to Microcontrollers & Applications			
	19A04704b	Principles of Digital Signal Processing			
	19A05704a	Fundamentals of Game Development			
	19A05704b	Cyber Security			
	19A27704a	Corporate Governance in Food Industries			
	19A27704b	Process Technology for Convenience & RTE Foods			
5	19A54704a	Numerical Methods for Engineers (ECE , CSE, IT &CE)	HS	3-0-0	3
	19A51704a	Chemistry of Nanomaterials and Applications			
	19A52701a	Humanities Elective-II Organizational Behavior			
	19A52701b	Management Science			
	19A52701c	Business Environment			
	19A52701d	Strategic Management			
6.	19A52701e	E-Business			
	19A03702P	Metrology & Measurements Lab	PC	0-0-3	1.5
7.	19A03602P	CAD / CAM Lab	PC	0-0-3	1.5
8.	19A05406P	IOT Lab	PC	0-0-2	1
9.	19A03705	Industrial Training / Skill Development / Research Project	PR	---	2
Total					20


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Semester – VIII (Theory - 2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A03801a	Professional Elective-IV Autotronics.	PE	3-0-0	3
	19A03801b	Mechanical Vibrations			
	19A03801c	Refrigeration and Air conditioning			
	19A03801d	Total Quality Management (TQM)			
2.	19A01802a	Open Elective-IV Disaster Management.	OE	3-0-0	3
	19A01802b	Global Warming and climate changes			
	19A02802a	IoT Applications in Electrical Engineering			
	19A02802b	Smart Electric Grid			
	19A04802a	Introduction to Image Processing			
	19A04802b	Principles of Cellular and Mobile Communications			
	19A04802c	Industrial Electronics			
	19A04802d	Electronic Instrumentation			
	19A05802a	Block Chain Technology and Applications			
	19A05802b	MEAN Stack Technology			
	19A27802a	Food Plants Utilities & Services			
	19A27802b	Nutraceuticals & Functional Foods			
	19A54802a	Mathematical Modeling & Simulation			
	19A51802a	Green Chemistry and Catalysis for Sustainable Environment			
3.	19A03803	Project	PR	-----	7
Total					13


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R-19 Regulations (ECE)

Semester - I (Theory - 4, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54101	Algebra & Calculus	BS	3-1-0	4
2.	19A56101T	Applied Physics	BS	3-0-0	3
3.	19A05101T	Problem Solving & Programming	ES	3-1-0	4
4.	19A52101T	Communicative English 1	HS	2-0-0	2
5.	19A04101	Electronics & Communication Engineering Workshop	LC	0-0-2	1
6.	19A56101P	Applied Physics Lab	BS	0-0-3	1.5
7.	19A05101P	Problem Solving & Programming Lab	ES	0-0-3	1.5
8.	19A52101P	Communicative English 1 Lab	HS	0-0-2	1
Total					18

Semester - II (Theory - 4, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04201T	Network Theory	ES	3-0-0	3
2.	19A54201	Differential Equations and Vector Calculus	BS	3-1-0	4
3.	19A51102T	Chemistry	BS	3-0-0	3
4.	19A05201T	Data Structures	ES	3-0-0	3
5.	19A03101	Engineering Workshop	LC	0-0-2	1
6.	19A03102	Engineering Graphics Lab	ES	1-0-4	3
7.	19A04201P	Network Theory Lab	ES	0-0-3	1.5
8.	19A51102P	Chemistry Lab	BS	0-0-3	1.5
9.	19A05201P	Data Structures Lab	ES	0-0-3	1.5
Total					21.5

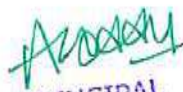

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Semester – III (Theory - 6, Lab –3, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54302	Complex Variables and Transforms	BS	3-0-0	3
2.	19A04301	Signals & Systems	PC	3-0-0	3
3.	19A04302T	Electronic Devices and Circuits	PC	3-0-0	3
4.	19A04303	Probability Theory and Stochastic Processes	PC	3-0-0	3
5.	19A04304	Digital Electronics and Logic Design	PC	3-0-0	3
6.	19A02304T	Electrical Technology	ES	3-0-0	3
7.	19A04302P	Electronic Devices and Circuits Lab	PC	0-0-3	1.5
8.	19A04305	Basic Simulation Lab	PC	0-0-2	1
9.	19A02304P	Electrical Technology Lab	ES	0-0-2	1
10.	19A99302	Biology For Engineers	HS	3-0-0	0
Total					21.5

Semester – IV (Theory - 7, Lab –2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04401	Electromagnetic Waves and Transmission lines	PC	3-0-0	3
2.	19A04402T	Electronic Circuits – Analysis and Design	PC	3-0-0	3
3.	19A02404	Control Systems	ES	3-0-0	3
4.	19A04403T	Analog Communications	PC	3-0-0	3
5.	19A05304T	Python Programming	ES	2-1-0	3
6.	19A04404	Computer Architecture and Organization	PC	3-0-0	3
7.	19A52301	Universal Human Values	HS	2-0-0	2
8.	19A04402P	Electronic Circuits – Analysis and Design Lab	PC	0-0-3	1.5
9.	19A04403P	Analog Communications Lab	PC	0-0-3	1.5
10.	19A99301	Environmental Science	BS	3-0-0	0
Total					23


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Semester - V (Theory - 6, Lab - 3)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04501T	Integrated Circuits and Applications	PC	2-0-0	2
2.	19A04502	Antennas and Wave Propagation	PC	3-0-0	3
3.	19A52601T	English Language Skills	HS	3-0-0	3
4.	19A04503T	Digital Communications	PC	3-0-0	3
5.	19A05403T 19A02403 19A05303T 19A04504a 19A04504b	Professional Elective-I Operating Systems Power Electronics Object Oriented Programming Data Communications and Networks Nano Electronics	PC	3-0-0	3
6.	19A01506a 19A01506b 19A02506a 19A03506a 19A03506b 19A05506a 19A05506b 19A27506a 19A27506b 19A54506a 19A52506a 19A51506a	Open Elective-I Experimental stress analysis. Building Technology Electrical Engineering Materials Introduction to Hybrid and Electric Vehicles Rapid Prototyping Free and Open Sources Systems Computer Graphics and Multimedia Animation Brewing Technology Computer Applications in Food Technology Optimization Techniques Technical Communication and Presentation Skills Chemistry of Energy Materials	OE	3-0-0	3
7.	19A04501P	Integrated Circuits and Applications Lab	PC	0-0-3	1.5
8.	19A52601P	English Language Skills Lab	HS	0-0-3	1.5
9.	19A04503P	Digital Communications Lab	PC	0-0-2	1
10.	19A04507	Socially Relevant Project		0-0-1	0.5
11.	19A99601	Research Methodology (Mandatory course)		3-0-0	0
Total					21.5


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Semester – VI (Theory - 6, Lab –2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04601T	Microprocessors and Microcontrollers	PC	3-0-0	3
2.	19A04602T	Digital Signal Processing	PC	3-0-0	3
3.	19A04603	Digital System Design through VHDL	PC	3-0-0	3
4.	19A04605a	Professional Elective-II (MOOC) Introduction to Wireless and Cellular Communications (IITMadras)	PC	3-0-0	3
	19A04605b	Fabrication Techniques for MEMs-based sensors (IISc, Bangalore)			
	19A04605c	Advances in UHV Transmission and Distribution (IISc Bangalore)			
	19A04605d	Electrical Measurement and Electronic Instruments (IIT KGP)			
	19A04605e	Principles and Techniques of Modern Radar Systems (offered by IIT KGP)			
5.	19A01604a 19A01604b 19A02604a 19A02604b 19A03604a 19A03604b 19A05604a 19A05604b 19A27604a 19A27604b 19A54604a 19A52604a 19A51604a	Open Elective-II Industrial waste and wastewater management. Building Services & Maintenance Industrial Automation System Reliability Concepts Introduction to Mechatronics Optimization techniques through MATLAB Fundamentals of VR/AR/MR Data Science Food Toxicology Food Plant Equipment Design Wavelet Transforms & its applications Soft Skills Chemistry of Polymers and Its Applications	OE	3-0-0	3
6.	19A52602a 19A52602b 19A52602c 19A52602d 19A52602e	Humanities Elective-I Entrepreneurship & Incubation Managerial Economics and Financial Analysis Business Ethics and Corporate Governance Enterprise Resource Planning Supply Chain Management	HS	3-0-0	3
7.	19A04602P	Digital Signal Processing Lab	PC	0-0-3	1.5
8.	19A04601P	Microprocessors and Microcontrollers Lab	PC	0-0-3	1.5
9.	19A04606	Socially Relevant Project		0-0-1	0.5
10.	19A99501	Constitution of India (Mandatory Course)		3-0-0	0
11.	19A04607	Industrial Training/Skill Development/Research Project*	PR	-----	-----
				Total	21.5

Semester – VII (Theory - 5, Lab -2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04701T	Microwave Engineering and Optical Communications	PC	3-0-0	3
2.	19A04702T	VLSI Design	PC	3-0-0	3
3.	19A04703a 19A04703b 19A04703c 19A04703d 19A04703e	Professional Elective-III Satellite Communications Digital TV Engineering Embedded Systems Image Processing Advanced Digital Signal Processing	PE	3-0-0	3
4.	19A01704a 19A01704b 19A02704a 19A02704b 19A03704a 19A03704b 19A05704a 19A05704b 19A27704a 19A27704b 19A54704a 19A51704a	Open Elective-III Air pollution and control. Basics of civil Engineering Renewable Energy Systems Electric Vehicle Engineering Finite element methods Product Marketing Fundamentals of Game Development Cyber Security Corporate Governance in Food Industries Process Technology for Convenience & RTE Foods Numerical Methods for Engineers (ECE , CSE, IT &CE) Chemistry of Nanomaterials and Applications	OE	3-0-0	3
5.	19A52701a 19A52701b 19A52701c 19A52701d 19A52701e	Humanities Elective-II Organizational Behavior Management Science Business Environment Strategic Management E-Business	HS	3-0-0	3
6.	19A04701P	Microwave and Optical Communications Lab	PC	0-0-3	1.5
7.	19A04702P	VLSI Design Lab	PC	0-0-3	1.5
8.	19A04705	Industrial Training/Skill Development/Research Project	PR	-----	2
Total					20

Semester – VIII (Theory - 2)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A04801a	Professional Elective-IV Advanced 3G and 4G Wireless Mobile Communications	PE	3-0-0	3
	19A04801b	Introduction to Internet of Things			
	19A04801c	Fuzzy sets, logic and systems and Applications			
	19A04801d	Biomedical Signal Processing			
	19A04801e	Analog IC design			
2.	19A01802a	Open Elective-IV Disaster Management.	OE	3-0-0	3
	19A01802b	Global Warming and climate changes			
	19A02802a	IoT Applications in Electrical Engineering			
	19A02802b	Smart Electric Grid			
	19A03802a	Energy conservation and management			
	19A03802b	Non destructive testing			
	19A05802a	Block Chain Technology and Applications			
	19A05802b	MEAN Stack Technology			
	19A27802a	Food Plants Utilities & Services			
	19A27802b	Nutraceuticals & Functional Foods			
	19A54802a	Mathematical Modeling & Simulation			
	19A51802a	Green Chemistry and Catalysis for Sustainable Environment			
3.	19A04803	Project	PR	-----	7
Total					13


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Semester - I (Theory - 3, Lab - 4)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54101	Algebra and Calculus	BS	3-1-0	4
2.	19A51102T	Chemistry	BS	3-0-0	3
3.	19A05101T	Problem Solving & Programming	ES	3-1-0	4
4.	19A03102	Engineering Graphics Lab	ES	1-0-4	3
5.	19A03101	Engineering Workshop	LC	0-0-2	1
6.	19A51102P	Chemistry Lab	BS	0-0-3	1.5
7.	19A05101P	Problem Solving & Programming Lab	ES	0-0-3	1.5
Total					18

Semester - II (Theory - 5, Lab - 5)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A02201T	Basic Electrical and Electronics Engineering	ES	3-0-0	3
2.	19A54202	Probability and Statistics	BS	3-1-0	4
3.	19A56101T	Applied Physics	BS	3-0-0	3
4.	19A05201T	Data Structures	ES	3-0-0	3
5.	19A52101T	Communicative English - I	HS	2-0-0	2
6.	19A05202	Computer Science and Engineering Workshop	LC	0-0-2	1
7.	19A52101P	Communicative English - I Lab	HS	0-0-2	1
8.	19A02201P	Basic Electrical & Electronics Engineering Lab	ES	0-0-3	1.5
9.	19A56101P	Applied Physics Lab	BS	0-0-3	1.5
10.	19A05201P	Data Structures Lab	ES	0-0-3	1.5
Total					21.5


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Semester – III (Theory - 7, Lab – 3, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54303	Mathematical Foundations of Computer Science	BS	3-0-0	3
2.	19A05301	Digital Logic Design	PC	3-0-0	3
3.	19A99304	Design Thinking	ES	2-0-0	2
4.	19A05302T	Database Management Systems	PC	3-0-0	3
5.	19A05303T	Object Oriented Programming Through Java	PC	3-0-0	3
6.	19A05304T	Python Programming	PC	2-1-0	3
7.	19A52301	Universal Human Values	HS	2-0-0	2
8.	19A05302P	Database Management Systems Lab	PC	0-0-3	1.5
9.	19A05303P	Object Oriented Programming Through Java Lab	PC	0-0-3	1.5
10.	19A05304P	Python Programming Lab	PC	0-0-3	1.5
11.	19A99301	Environmental Science	MC	3-0-0	0
				Total	23.5

Semester - IV (Theory - 6, Lab – 2, MC-1)					
S.No	Course No	Course Name	Category	L-T-P	Credits
1.	19A54401	Number Theory and Applications	BS	3-0-0	3
2.	19A05401	Computer Organization	PC	3-0-0	3
3.	19A05402T	Design and Analysis of Algorithms	PC	3-0-0	3
4.	19A52401	Entrepreneurship	HS	3-0-0	3
5.	19A05403T	Operating Systems	PC	3-0-0	3
6.	19A05404T	Software Engineering	PC	3-0-0	3
7.	19A05403P	Operating Systems Lab	PC	0-0-3	1.5
8.	19A05404P	Software Engineering Lab	PC	0-0-3	1.5
9.	19A99302	Biology For Engineers	MC	3-0-0	0
				Total	21


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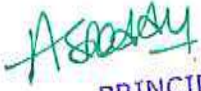
Semester – V (Theory - 6, Lab - 3)					
S.No.	Course No	Course Name	Category	L-T-P	Credits
1.	19A05501	Formal Languages and Automata Theory	PC	3-0-0	3
2.	19A05502T	Artificial Intelligence	PC	3-0-0	3
3.	19A05503T	Object Oriented Analysis Design & Testing	PC	2-0-0	2
4.	19A05504T	Computer Networks	PCC	3-0-0	3
5.	19A05505a 19A05505b 19A05505c	Professional Elective-I Data warehousing and Data mining Web Technologies Mobile Application Development	PE	3-0-0	3
6.	19A01506a 19A01506b 19A02506a 19A03506a 19A03506b 19A04506a 19A04506b 19A27506a 19A27506b 19A54506a 19A52506a 19A51506a	Open Elective-I Experimental stress analysis. Building Technology Electrical Engineering Materials Introduction to Hybrid and Electric Vehicles Rapid Prototyping Analog Electronics Digital Electronics Brewing Technology Computer Applications in Food Technology Optimization Techniques Technical Communication and Presentation Skills Chemistry of Energy Materials	OE	3-0-0	3
7.	19A05502P	Artificial Intelligence Laboratory	PCC	0-0-3	1.5
8.	19A05504P	Computer Networks Laboratory	PCC	0-0-3	1.5
9.	19A05503T	Object Oriented Analysis Design & Testing Lab	PCC	0-0-2	1.0
10.	19A05507	Socially Relevant Project	PR	-----	0.5
11.	19A99501	Mandatory course: Constitution of India	MC	3-0-0	0
Total					21.5


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Semester – VI (Theory - 6, Lab - 2)					
S.No.	Course No	Course Name	Category	L-T-P	Credits
1.	19A05601	Cryptography & Network Security	PC	2-1-0	3
2.	19A05602T	Big Data Analytics	PCC	3-0-0	3
3.	19A52601T	English Communication	HS	3-0-0	3
4.	19A05603a 19A05603b 19A05603c 19A05603d 19A05603e	Professional Elective-II (MOOCS) Compiler Design Introduction to Machine Learning Real Time Systems Advance Computer Architecture Computer Vision	PE	3-0-0	3
5.	19A01604a 19A01604b 19A02604a 19A02604b 19A03604a 19A03604b 19A04604a 19A04604b 19A27604a 19A27604b 19A54604a 19A52604a 19A51604a	Open Elective-II Industrial waste and wastewater management Building Services & Maintenance Industrial Automation System Reliability Concepts Introduction to Mechatronics Optimization techniques through MATLAB Basics of VLSI Principles of Communication Systems Food Toxicology Food Plant Equipment Design Wavelet Transforms & its applications Soft Skills Chemistry of Polymers and Its Applications	OE	3-0-0	3
6.	19A52602a 19A52602b 19A52602c 19A52602d 19A52602e	Humanities Elective-I Entrepreneurship & Incubation Managerial Economics and Financial Analysis Business Ethics and Corporate Governance Enterprise Resource Planning Supply Chain Management	HE	3-0-0	3
7.	19A05602P	Big Data Analytics Laboratory	PCC	0-0-3	1.5
8.	19A52601P	English Communication lab	HS	0-0-3	1.5
9.	19A05605	Socially Relevant Project	PR	-----	0.5
10.	19A99601	Mandatory Course: Research Methodology	MC	3-0-0	0
11.	19A05606	Comprehensive online examination		-	0
Total					21.5

Semester – VII (Theory - 5, Lab -2)					
S.No.	Course No	Course Name	Cate gory	L-T-P	Credits
1.	19A05701T	Internet of Things	PC	2-1-0	3
2.	19A05702T	Software Testing	PC	2-1-0	3
3.	19A05703a 19A05703b 19A05703c	Professional Elective-III Cloud Computing Natural Language Processing Agile Methodologies	PE	3-0-0	3
4.	19A01704a 19A01704b 19A02704a 19A02704b 19A03704a 19A03704b 19A04704a 19A04704b 19A27704a 19A27704b 19A54704a 19A51704a	Open Elective-III Air pollution and control. Basics of civil Engineering Renewable Energy Systems Electric Vehicle Engineering Finite element methods Product Marketing Introduction to Microcontrollers & Applications Principles of Digital Signal Processing Corporate Governance in Food Industries Process Technology for Convenience & RTE Foods Numerical Methods for Engineers (ECE, CSE, IT & CE) Chemistry of Nanomaterials and Applications	OE	3-0-0	3
5.	19A52701a 19A52701b 19A52701c 19A52701d 19A52701e	Humanities Elective-II Organizational Behavior Management Science Business Environment Strategic Management E-Business	HS	3-0-0	3
6.	19A05702P	Software Testing Lab	PC	0-0-3	1.5
7.	19A05701P	Internet of Things Lab	PC	0-0-3	1.5
8.	19A05705	Industrial Training/Skill Development/Research Project*	PR	-----	2
Total					20

Semester – VIII (Theory - 2)					
S.No.	Course No	Course Name	Category	L-T-P	Credits
1.		Professional Elective-IV	PE	3-0-0	3
	19A05801a	Dev Ops			
	19A05801b	Deep Learning			
	19A05801c	Adhoc & Sensor Networks			
2.		Open Elective-IV	OE	3-0-0	
	19A01802a	Disaster Management.			
	19A01802b	Global Warming and climate changes			
	19A02802a	IoT Applications in Electrical			
	19A02802b	Engineering			
	19A03802a	Smart Electric Grid			
	19A03802b	Energy conservation and management			
	19A04802a	Non - destructive testing			
	19A04802b	Introduction to Image Processing			
	19A04802c	Principles of Cellular and Mobile			
	19A04802d	Communications			
	19A27802a	Industrial Electronics			
	19A27802b	Electronic Instrumentation			
	19A54802a	Food Plants Utilities & Services			
	19A51802a	Nutraceuticals & Functional Foods			
		Mathematical Modeling & Simulation			
		Green Chemistry and Catalysis for Sustainable Environment			
3.	19A05803	Project	PR	-----	7
				Total	13


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