

Academic Year : 2017-18

Sl. No.	Program Name	Program Code	Number of Courses
1.	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	Common to BT, CS, CV, EC, EE, IS, ME	17
2.	Bio Technology	BT	45
3.	Computer Science & Engineering, Information science & Engineering	Common to CSE & ISE	31
4.	Computer Science & Engineering	CSE	13
5.	Civil Engineering	CV	44
6.	Electronics & Communication Engineering	ECE	45
7.	Electrical & Electronics Engineering	EEE	47
8.	Information science & Engineering	ISE	13
9.	Mechanical Engineering	ME	48
10.	Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	Common to CS, CV, EC, EE, IS, ME	03
11.	VLSI Design & Embedded System	LVS	22
12.	Computer Science Engineering	SCS	8
Total			336



PRINCIPAL

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Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

1.1 List of courses offered across all programs during last five years

Sl.No	Program code	Program Name	Course code	Course Name	Year of introduction
Academic year: 2017 - 18					
1	BT, CV,CS, EC,EE,IS,ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17MAT11	Engineering Mathematics -I	2017
2	BT, CV,CS, EC,EE,IS,ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17PHY12/22	Engineering Physics	2017
3	BT, CV,CS, EC,EE,IS,ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17CIV13/23	Elements of Civil Engineering and Mechanics	2017
4	BT, CV,CS, EC,EE,IS,ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17EME14/24	Elements of Mechanical Engineering	2017
5	BT, CV,CS, EC,EE,IS,ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17ELE15/25	Basic Electrical Engineering	2017


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6	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17WSL16/26	Workshop Practice	2017
7	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17PHYL11/21	Engineering Physics Laboratory	2017
8	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17ENG18/28	Language – English (Audit Course)	2017
9	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17MAT21	Engineering Mathematics-II	2017
10	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17CHE22/12	Engineering Chemistry	2017
11	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17PCD23/13	Programming in C and Data Structures	2017

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12	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17CED24/14	Computer Aided Engineering Drawing	2017
13	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17ELN25/15	Basic Electronics	2017
14	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17CPL26/16	Computer Programming Laboratory	2017
15	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17CHEL27/17	Engineering Chemistry Laboratory	2017
16	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	17CIV28/18	Environmental Studies (Audit Course)	2017
17	BT, CV, CS, EC, EE, IS, ME	Bio Technology, Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	15MAT31	Engineering Mathematics –III *	2015
18	BT	Biotechnology	15BT32	Unit operations	2015

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19	BT	Biotechnology	15BT33	Biochemistry	2015
20	BT	Biotechnology	15BT34	Microbiology	2015
21	BT	Biotechnology	15BT35	Cell biology and Genetics	2015
22	BT	Biotechnology	15BT36	Basics of Computer application	2015
23	BT	Biotechnology	15BTL37	Unit Operations Lab	2015
24	BT	Biotechnology	15BTL38	Microbiology Lab	2015
25	BT	Biotechnology	15BT41	Biostatistics and Biomodelling	2015
26	BT	Biotechnology	15BT42	Biochemical Thermodynamics	2015
27	BT	Biotechnology	15BT43	Molecular Biology	2015
28	BT	Biotechnology	15BT44	Bioprocess Principles and Calculations	2015
29	BT	Biotechnology	15BT45	Structural Biology	2015
30	BT	Biotechnology	15BT46	Clinical Biochemistry	2015
31	BT	Biotechnology	15BTL47	Cell and molecular Biology	2015
32	BT	Biotechnology	15BTL48	Clinical Biochemistry	2015
33	BT	Biotechnology	15BT51	Bio kinetics and Bio reaction Engineering	2015
34	BT	Biotechnology	15BT52	Genetic Engineering and application	2015
35	BT	Biotechnology	15BT53	Immunotechnology	2015
36	BT	Biotechnology	15BT54	Bioinformatics	2015
37	BT	Biotechnology	15BT553	Animal Biotechnology	2015
38	BT	Biotechnology	15BT563	Biotechnology for sustainable environment	2015
39	BT	Biotechnology	15BTL57	Genetic engg.& Immunotechnology Lab	2015
40	BT	Biotechnology	15BTL58	Bioinformatics Lab	2015
41	BT	Biotechnology	15BT61	Bio business and Entrepreneurship	2015
42	BT	Biotechnology	15BT62	Bioprocess control and automations	2015

Principal

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43	BT	Biotechnology	15BT63	Enzyme Technology and Biotransformation	2015
44	BT	Biotechnology	15BT64	Bioprocess equipment Design and CAED	2015
45	BT	Biotechnology	15BT653	Cell culture Techniques	2015
46	BT	Biotechnology	15BT662	Nano Biotechnology	2015
47	BT	Biotechnology	15BT67	Bioprocess control and Automation Lab	2015
48	BT	Biotechnology	15BT68	Bio kinetics and Enzyme technology lab	2015
49	BT	Biotechnology	10BT71	Economics & Plant Design	2010
50	BT	Biotechnology	10BT72	Upstream Process Technology	2010
51	BT	Biotechnology	10BT73	Downstream Technology	2010
52	BT	Biotechnology	10BT74	Food Biotechnology	2010
53	BT	Biotechnology	10BT753	Forensic Science	2010
54	BT	Biotechnology	10BT763	Health Diagnostics	2010
55	BT	Biotechnology	10BT77	Upstream Processing Lab	2010
56	BT	Biotechnology	10BT78	Downstream processing lab	2010
57	BT	Biotechnology	10BT81	Project Management & IPR	2010
58	BT	Biotechnology	10BT82	Bioethics & Biosafety	2010
59	BT	Biotechnology	10BT832	Lab to Industrial Scaling	2010
60	BT	Biotechnology	10BT841	Environmental BT	2010
61	BT	Biotechnology	10BT85	Project Work	2010
62	BT	Biotechnology	10BT86	Seminar	2010
63	CS, IS	Computer Science & Engineering, Information Science & Electronics	15CS32	Analogy and digital electronics	2015
64	CS, IS	Computer Science & Engineering, Information Science & Electronics	15CS33	Data structures and applications	2015
65	CS, IS	Computer Science & Engineering, Information Science & Electronics	15CS34	Computer organization	2015
66	CS, IS	Computer Science & Engineering, Information Science & Electronics	15CS35	Unix and shell programming	2015
67	CS, IS	Computer Science & Engineering, Information Science & Electronics	15CS36	Discrete mathematical structures	2015

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68	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CSL37	Analog and digital electronics laboratory	2015
69	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CSL38	Data structures laboratory	2015
70	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS42	Software engineering	2015
71	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS43	Design and analysis of algorithms	2015
72	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS44	Microprocessors and microcontrollers	2015
73	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS45	Object oriented programming with java	2015
74	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS46	Data communications	2015
75	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CSL48	Microprocessor lab	2015
76	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CSL47	Design and analysis of algorithms lab	2015
77	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS51	Management and entrepreneurship for it industry	2015
78	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS52	Computer networks	2015
79	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS53	Database management system	2015
80	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS54	Automata theory and computability	2015
81	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS553	Advanced java and j2ee	2015
82	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS565	Cloud computing	2015
83	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CSL57	Computer networks lab	2015
84	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CSL58	DBMS lab with mini project	2015
85	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS61	Cryptography, network security and cyber law	2015
86	CS	Computer Science & Engineering	15CS62	Computer graphics and visualization	2015
87	CS	Computer Science & Engineering	15CS63	System software and compiler design	2015

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88	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS64	Operating systems	2015
89	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS653	Operation research	2015
90	CS, IS	Computer Science & Engineering, Information Science & Engineering	15CS664	Python application programming	2015
91	CS	Computer Science & Engineering	15CSL67	System software and operating system laboratory	2015
92	CS	Computer Science & Engineering	15CSL68	Computer graphics laboratory with mini project	2015
93	CS, IS	Computer Science & Engineering, Information Science & Engineering	10CS71	Object-oriented modeling and design	2010
94	CS	Computer Science & Engineering	10CS72	Embedded computing systems	2010
95	CS, IS	Computer Science & Engineering, Information Science & Engineering	10CS73	Programming the web	2010
96	CS	Computer Science & Engineering	10CS74	Advanced computer architectures	2010
97	CS	Computer Science & Engineering	10CS753	Java and j2ee	2010
98	CS	Computer Science & Engineering	10CS765	Storage area networks	2010
99	CS, IS	Computer Science & Engineering, Information Science & Engineering	10CSL77	Networks laboratory	2010
100	CS, IS	Computer Science & Engineering, Information Science & Engineering	10CSL78	Web programming laboratory	2010
101	CS	Computer Science & Engineering	10CS81	Software architectures	2010
102	CS, IS	Computer Science & Engineering, Information Science & Engineering	10CS82	System modeling and simulation	2010
103	CS	Computer Science & Engineering	10CS835	Information and network security	2010
104	CS	Computer Science & Engineering	10CS841	Ad-hoc networks	2010
105	CS	Computer Science & Engineering	10CS85	Project work	2010
106	CS	Computer Science & Engineering	10CS86	Seminar	2010
107	CV	Civil Engineering	15CV32	Strength Of Materials	2015
108	CV	Civil Engineering	15CV33	Fluid Mechanics	2015
109	CV	Civil Engineering	15CV34	Basic Surveying	2015
110	CV	Civil Engineering	15CV35	Engineering Geology	2015

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111	CV	Civil Engineering	15CV36	Building Materials And Construction	2015
112	CV	Civil Engineering	15CVL37	Building Materials Testing Laboratory	2015
113	CV	Civil Engineering	15CVL38	Basic Surveying Practice	2015
114	CV	Civil Engineering	15CV42	Analysis Of Determinate Structures	2015
115	CV	Civil Engineering	15CV43	Applied Hydraulics	2015
116	CV	Civil Engineering	15CV44	Concrete Technology	2015
117	CV	Civil Engineering	15CV45	Basic Geotechnical Engineering	2015
118	CV	Civil Engineering	15CV46	Advanced Surveying	2015
119	CV	Civil Engineering	15CVL47	Fluid Mechanics Laboratory	2015
120	CV	Civil Engineering	15CVL48	Engineering Geology Laboratory	2015
121	CV	Civil Engineering	15CV51	Design Of RC Structural Elements	2015
122	CV	Civil Engineering	15CV52	Analysis Of Indeterminate Structures	2015
123	CV	Civil Engineering	15CV53	Applied Geotechnical Engineering	2015
124	CV	Civil Engineering	15CV54	Computer Aided Building Planning And Drawing	2015
125	CV	Civil Engineering	15CV552	Railways, Harbours, Tunnelling And Airports	2015
126	CV	Civil Engineering	15CV561	Traffic Engineering	2015
127	CV	Civil Engineering	15CVL57	Geotechnical engineering laboratory	2015
128	CV	Civil Engineering	15CVL58	concrete and highway engineering laboratory	2015
129	CV	Civil Engineering	15CV61	Construction Management and Entrepreneurship	2015

Principal

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130	CV	Civil Engineering	15CV62	Design of Steel Structural Elements	2015
131	CV	Civil Engineering	15CV63	Highway Engineering	2015
132	CV	Civil Engineering	15CV64	Water Supply and Treatment Engineering	2015
133	CV	Civil Engineering	15CVL67	Software Application Lab	2015
134	CV	Civil Engineering	15CVP68	Extensive Survey Project /Camp	2015
135	CV	Civil Engineering	15CV651	Solid Waste Management	2015
136	CV	Civil Engineering	15CV661	Water Resource Management	2015
137	CV	Civil Engineering	10CV71	Environmental Engineering li	2010
138	CV	Civil Engineering	10CV72	Design Of Steel Structures	2010
139	CV	Civil Engineering	10CV73	Estimation And Valuation	2010
140	CV	Civil Engineering	10CV74	Design Of Pre Stressed Concrete Structures	2010
141	CV	Civil Engineering	10CV757	solid waste management	2010
142	CV	Civil Engineering	10CV763	Pavement Materials And Construction	2010
143	CV	Civil Engineering	10CVL77	Environmental Engineering Laboratory	2010
144	CV	Civil Engineering	10CVL78	Concrete And Highway Materials Laboratory	2010
145	CV	Civil Engineering	10CV81	Advanced Concrete Technology	2010
146	CV	Civil Engineering	10CV82	Design And Drawing Of Steel Structures	2010
147	CV	Civil Engineering	10CV833	Pavement Design	2010
148	CV	Civil Engineering	10CV843	Urban Transport Planning	2010
149	CV	Civil Engineering	10CV85	Project Work	2010
150	CV	Civil Engineering	10CV86	Seminar	2010
151	EC	Electronics & Communication Engineering	15EC 32	Analog Electronics	2015

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152	EC	Electronics & Communication Engineering	15EC 33	Digital Electronics	2015
153	EC	Electronics & Communication Engineering	15EC 34	Network Analysis	2015
154	EC	Electronics & Communication Engineering	15EC 35	Electronic Instrumentation	2015
155	EC	Electronics & Communication Engineering	15EC 36	Engineering Electromagnetics	2015
156	EC	Electronics & Communication Engineering	15EC L37	Analog Electronics Lab	2015
157	EC	Electronics & Communication Engineering	15EC L38	Digital Electronics Lab	2015
158	EC	Electronics & Communication Engineering	15EC 42	Microprocessor	2015
159	EC	Electronics & Communication Engineering	15EC 43	Control Systems	2015
160	EC	Electronics & Communication Engineering	15EC 44	Signals and Systems	2015
161	EC	Electronics & Communication Engineering	15EC 45	Principles of Communication Systems	2015
162	EC	Electronics & Communication Engineering	15EC 46	Linear Integrated Circuits	2015
163	EC	Electronics & Communication Engineering	15EC L 47	Microprocessor Lab	2015
164	EC	Electronics & Communication Engineering	15EC L48	Linear ICs and Communication Lab	2015
165	EC	Electronics & Communication Engineering	15ES51	Management and Entrepreneurship Development	2015
166	EC	Electronics & Communication Engineering	15EC 52	Digital Signal Processing	2015
167	EC	Electronics & Communication Engineering	15EC 53	Verilog HDL	2015
168	EC	Electronics & Communication Engineering	15EC 54	Information Theory & Coding	2015
169	EC	Electronics & Communication Engineering	15EC 55 3	Operating System	2015
170	EC	Electronics & Communication Engineering	15EC 563	8051 Microcontroller	2015
171	EC	Electronics & Communication Engineering	15EC L57	VLSI Laboratory	2015
172	EC	Electronics & Communication Engineering	15EC L58	HDL Programming Laboratory	2015
173	EC	Electronics & Communication Engineering	15EC 61	Digital Communication	2015
174	EC	Electronics & Communication Engineering	15EC 62	ARM Microcontroller & Embedded Systems	2015
175	EC	Electronics & Communication Engineering	15EC 63	VLSI Design	2015
176	EC	Electronics & Communication Engineering	15EC 64	Computer Communication Networks	2015

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177	EC	Electronics & Communication Engineering	15ECL67	Embedded Controller Lab	2015
178	EC	Electronics & Communication Engineering	15ECL68	Computer Networks Lab	2015
179	EC	Electronics & Communication Engineering	15EC 651	Cellular Mobile Communication	2015
180	EC	Electronics & Communication Engineering	15EC 654	Digital Switching Systems	2015
181	EC	Electronics & Communication Engineering	15EC 663	Digital System Design using Verilog	2015
182	EC	Electronics & Communication Engineering	10EC71	Computer Communication Networks	2010
183	EC	Electronics & Communication Engineering	10EC72	Optical Fiber Communication	2010
184	EC	Electronics & Communication Engineering	10EC73	Power Electronics	2010
185	EC	Electronics & Communication Engineering	10EC74	Embedded System Design	2010
186	EC	Electronics & Communication Engineering	10ECL77	VLSI Lab	2010
187	EC	Electronics & Communication Engineering	10ECL78	Power Electronics Lab	2010
188	EC	Electronics & Communication Engineering	10EC751	DSP Algorithms & Architecture	2010
189	EC	Electronics & Communication Engineering	10EC763	Image Processing	2010
190	EC	Electronics & Communication Engineering	10EC81	Wireless Communication	2010
191	EC	Electronics & Communication Engineering	10EC82	Digital Switching Systems	2010
192	EC	Electronics & Communication Engineering	10ECP85	Project Work	2010
193	EC	Electronics & Communication Engineering	10ECS86	Seminar	2010
194	EC	Electronics & Communication Engineering	10EC832	Network Security	2010
195	EC	Electronics & Communication Engineering	10EC841	Multimedia Communication	2010
196	EE	Electrical & Electronics Engineering	15EE32	Electric Circuit Analysis	2015
197	EE	Electrical & Electronics Engineering	15EE33	Transformers and Generators	2015
198	EE	Electrical & Electronics Engineering	15EE34	Analog Electronic Circuits	2015
199	EE	Electrical & Electronics Engineering	15EE35	Digital System Design	2015
200	EE	Electrical & Electronics Engineering	15EE36	Electrical and Electronic Measurements	2015
201	EE	Electrical & Electronics Engineering	15EEL37	Electrical Machines Laboratory -1	2015
202	EE	Electrical & Electronics Engineering	15EEL38	Electronics Laboratory	2015

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203	EE	Electrical & Electronics Engineering	15EE42	Power Generation and Economics	2015
204	EE	Electrical & Electronics Engineering	15EE43	Transmission and Distribution	2015
205	EE	Electrical & Electronics Engineering	15EE44	Electric Motors	2015
206	EE	Electrical & Electronics Engineering	15EE45	Electromagnetic Field Theory	2015
207	EE	Electrical & Electronics Engineering	15EE46	Operational Amplifiers and Linear ICs	2015
208	EE	Electrical & Electronics Engineering	15EEL47	Electrical Machines Laboratory -2	2015
209	EE	Electrical & Electronics Engineering	15EEL48	Op- amp and Linear ICs Laboratory	2015
210	EE	Electrical & Electronics Engineering	15EE51	Management and Entrepreneurship	2015
211	EE	Electrical & Electronics Engineering	15EE52	Microcontroller	2015
212	EE	Electrical & Electronics Engineering	15EE53	Power Electronics	2015
213	EE	Electrical & Electronics Engineering	15EE54	Signals and Systems	2015
214	EE	Electrical & Electronics Engineering	15EEL57	Microcontroller Laboratory	2015
215	EE	Electrical & Electronics Engineering	15EEL58	Power Electronics Laboratory	2015
216	EE	Electrical & Electronics Engineering	15EE551	Introduction to Nuclear Power	2015
217	EE	Electrical & Electronics Engineering	15EE563	Renewable Energy Sources	2015
218	EE	Electrical & Electronics Engineering	15EE61	Control Systems	2015
219	EE	Electrical & Electronics Engineering	15EE62	Power System Analysis – 1	2015
220	EE	Electrical & Electronics Engineering	15EE63	Digital Signal Processing	2015
221	EE	Electrical & Electronics Engineering	15EEL64	Electrical Machine Design	2015
222	EE	Electrical & Electronics Engineering	15EEL67	Control System Laboratory	2015
223	EE	Electrical & Electronics Engineering	15EEL68	Digital Signal Processing Laboratory	2015
224	EE	Electrical & Electronics Engineering	15EE651	Computer Aided Electrical Drawing	2015
225	EE	Electrical & Electronics Engineering	15EE652	Advanced Power Electronics	2015
226	EE	Electrical & Electronics Engineering	15EE662	Sensors and Transducer	2015

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227	EE	Electrical & Electronics Engineering	10EE71	Computer Techniques in Power System Analysis	2010
228	EE	Electrical & Electronics Engineering	10EE72	Electrical Power Utilization	2010
229	EE	Electrical & Electronics Engineering	10EE73	High Voltage Engineering	2010
230	EE	Electrical & Electronics Engineering	10EE74	Industrial Drives and Applications	2010
231	EE	Electrical & Electronics Engineering	10EE77	Relay and High Voltage Laboratory	2010
232	EE	Electrical & Electronics Engineering	10EE78	Power System Simulation Laboratory	2010
233	EE	Electrical & Electronics Engineering	10EE756	Testing and Commissioning of Electrical Equipment	2010
234	EE	Electrical & Electronics Engineering	10EE761	Power System Planning	2010
235	EE	Electrical & Electronics Engineering	10EE766	Electromagnetic Compatibility	2010
236	EE	Electrical & Electronics Engineering	10EE81	Electrical Design, Estimating and Costing	2010
237	EE	Electrical & Electronics Engineering	10EE82	Power System Operation and Control	2010
238	EE	Electrical & Electronics Engineering	10EEP85	Project Work	2010
239	EE	Electrical & Electronics Engineering	10EES86	Seminar	2010
240	EE	Electrical & Electronics Engineering	10EE836	Renewable Energy Sources	2010
241	EE	Electrical & Electronics Engineering	10EE842	Energy Auditing & Demand Side management	2010
242	EE	Electrical & Electronics Engineering	10EE844	Electrical Distribution Systems	2010
243	IS	Information Science & Engineering	15IS62	File Structures	2015
244	IS	Information Science & Engineering	15IS63	Software Testing	2015
245	IS	Information Science & Engineering	15ISL67	Software Testing Laboratory	2015
246	IS	Information Science & Engineering	15ISL68	File Structures Laboratory with mini project	2015
247	IS	Information Science & Engineering	10IS72	Information Systems	2010

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248	IS	Information Science & Engineering	10IS74	data warehousing and data mining	2010
249	IS	Information Science & Engineering	10 IS 753	JAVA & J2EE	2010
250	IS	Information Science & Engineering	10 IS 761	C# Programming and .Net	2010
251	IS	Information Science & Engineering	10IS81	Software architecture	2010
252	IS	Information Science & Engineering	10IS835	Information and Network Security	2010
253	IS	Information Science & Engineering	10IS841	Ad-hoc Networks	2010
254	IS	Information Science & Engineering	10IS85	Project work	2010
255	IS	Information Science & Engineering	10IS86	Seminar	2010
256	ME	Mechanical Engineering	15ME32	Material Science	2015
257	ME	Mechanical Engineering	15ME33	Basic Thermodynamics	2015
258	ME	Mechanical Engineering	15ME34	Mechanics Of Materials	2015
259	ME	Mechanical Engineering	15ME35A/45A	Metal Casting & Welding	2015
260	ME	Mechanical Engineering	15ME36A/46A	Computer Aided Machine Drawing (CAMD)	2015
261	ME	Mechanical Engineering	15MEL37A/47A	Material Testing Lab (Mt)	2015
262	ME	Mechanical Engineering	15MEL38A/48A	Foundry & Forging Lab (F&F)	2015
263	ME	Mechanical Engineering	15MAT41	Engineering Mathematics – IV	2015
264	ME	Mechanical Engineering	15ME42	Kinematics Of Machinery	2015
265	ME	Mechanical Engineering	15ME43	Applied Thermodynamics	2015
266	ME	Mechanical Engineering	15ME44	Fluid Mechanics	2015
267	ME	Mechanical Engineering	15ME45B/35B	Machine Tools And Operations	2015
268	ME	Mechanical Engineering	15ME46B/36B	Mechanical Measurements And Meteorology	2015
269	ME	Mechanical Engineering	15MEL47B/37B	Mechanical Measurements And Meteorology Laboratory [MMM]	2015

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270	ME	Mechanical Engineering	15MEL48B/38B	Machine Shop	2015
271	ME	Mechanical Engineering	15ME51	Management Engineering And Economics	2015
272	ME	Mechanical Engineering	15ME52	Dynamics Of Machinery	2015
273	ME	Mechanical Engineering	15ME53	Turbo Machines	2015
274	ME	Mechanical Engineering	15ME54	Design Of Machine Elements - I	2015
275	ME	Mechanical Engineering	15ME554	Prof Elective: Non Traditional Machining	2015
276	ME	Mechanical Engineering	15ME563	Open Elective: Automation And Robotics	2015
277	ME	Mechanical Engineering	15MEL57	Fluid Mechanics & Machinery Lab (Fm & M)	2015
278	ME	Mechanical Engineering	15MEL58	Energy Lab (Ec)	2015
279	ME	Mechanical Engineering	15ME61	Finite Element Method	2015
280	ME	Mechanical Engineering	15ME62	Computer Integrated Manufacturing	2015
281	ME	Mechanical Engineering	15ME63	Heat Transfer	2015
282	ME	Mechanical Engineering	15ME64	Design Of Machine Elements – II	2015
283	ME	Mechanical Engineering	15ME655	Automobile Engineering	2015
284	ME	Mechanical Engineering	15ME664	Total Quality Management	2015
285	ME	Mechanical Engineering	15MEL67	Heat Transfer Laboratory [Ht]	2015
286	ME	Mechanical Engineering	15MEL68	Modelling And Analysis Laboratory [H-A]	2015
287	ME	Mechanical Engineering	10ME71	Economics	2010
288	ME	Mechanical Engineering	10ME72	Mechanical Vibrations	2010
289	ME	Mechanical Engineering	10ME73	Hydraulics And Pneumatics	2010
290	ME	Mechanical Engineering	10ME74	Operations Research	2010
291	ME	Mechanical Engineering	10ME754	Non conventional energy resources	2010

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292	ME	Mechanical Engineering	10ME762	Tool Design	2010
293	ME	Mechanical Engineering	10ME764	Smart Materials	2010
294	ME	Mechanical Engineering	10ME777	Design Lab	2010
295	ME	Mechanical Engineering	10ME78	Cim And Automation Lab	2010
296	ME	Mechanical Engineering	10ME81	Operational Management	2010
297	ME	Mechanical Engineering	10ME82	Control Engineering	2010
298	ME	Mechanical Engineering	10ME831	Tribology	2010
299	ME	Mechanical Engineering	10ME838	Foundry Technology	2010
300	ME	Mechanical Engineering	10ME843	Biomass Energy System	2010
301	ME	Mechanical Engineering	10ME844	Automotive Engineering	2010
302	ME	Mechanical Engineering	10ME85P	Project Work	2010
303	ME	Mechanical Engineering	10ME86	Seminar	2010
304	CV,CS, EC,EE,IS,ME	Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	15MAT41	Engineering Mathematics –IV	2015
305	CV,CS, EC,EE,IS,ME	Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	15MATDIP31	Additional Mathematics I	2015
306	CV,CS, EC,EE,IS,ME	Computer Science & Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information science & Engineering, Mechanical Engineering	15MATDIP41	Additional Mathematics II	2015
307	LVS	VLSI Design & embedde system	17ELD11	Advanced Engineering Mathematics	2017
308	LVS	VLSI Design & embedde system	17EVE12	Digital VLSI Design	2017
309	LVS	VLSI Design & embedde system	17EVE 13	Advanced Embedded systems	2017

Sl.No	Program code	Program Name	Course code	Course Name	Year of introduction
310	LVS	VLSI Design & embedde system	17EVE14	Low power VLSI Design	2017
311	LVS	VLSI Design & embedde system	17EVE153	ASIC Design	2017
312	LVS	VLSI Design & embedde system	17EVEL16	VLSI Design and Embedded System lab - 1	2017
313	LVS	VLSI Design & embedde system	17EVE17	Seminar on Advanced topics	2017
314	LVS	VLSI Design & embedde system	17EVE21	Design of Analog and Mixed mode VLSI Circuits	2017
315	LVS	VLSI Design & embedde system	17EVE22	VLSI testing	2017
316	LVS	VLSI Design & embedde system	17EVE23	Advances in VLSI DESIGN	2017
317	LVS	VLSI Design & embedde system	17EVE24	Real time operating Systems	2017
318	LVS	VLSI Design & embedde system	17EVE254	SOC Design	2017
319	LVS	VLSI Design & embedde system	17EVEL26	VLSI Design and Embedded System lab - 2	2017
320	LVS	VLSI Design & embedde system	17EVE27	Seminar on Advanced topics	2017
321	LVS	VLSI Design & embedde system	16EVE31	Seminar/ Presentation on Internship	2016
322	LVS	VLSI Design & embedde system	16EVE32	Report on Internship	2016
323	LVS	VLSI Design & embedde system	16EVE33	Evaluation & Viva- voce of Internship	2016
324	LVS	VLSI Design & embedde system	16EVE34	Evaluation of Project Phase - 1	2016
325	LVS	VLSI Design & embedde system	16ELD41	Synthesis and optimization of Digital circuits	2016
326	LVS	VLSI Design & embedde system	16ECS122	Advances in image processing	2016
327	LVS	VLSI Design & embedde system	16EVE43	Evaluation of Project phase 2	2016
328	LVS	VLSI Design & embedde system	16EVE44	Evaluation of Project & Viva-voce	2016
329	SCS	Computer Science & Engineering	16SCS31	Seminar / Presentation on Internship (After 8 weeks from the date of commencement) *	2016
330	SCS	Computer Science & Engineering	16SCS32	Report on Internship **Evaluation and Viva-voce	2016

Sl.No	Program code	Program Name	Course code	Course Name	Year of introduction
331	SCS	Computr Science & Engineering	16SCS33	Evaluation and Viva-voce of Internship	2016
332	SCS	Computr Science & Engineering	16SCS34	Evaluation of Project phase -1	2016
333	SCS	Computr Science & Engineering	16SCS41	Machine Learning Techniques	2016
334	SCS	Computr Science & Engineering	16SCS424	Wireless Network and Mobile Computing	2016
335	SCS	Computr Science & Engineering	16SCS43	Evaluation of Project Phase2	2016
336	SCS	Computr Science & Engineering	16SCS44	Evaluation of Project Work and Viva-voce	2016
Total Number of courses					336


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