

Academic Year 2016 - 17

S.No.	PROGRAM CODE	PROGRAM NAME	COURSE CODE	COURSE NAME	YEAR OF INTRODUCTION
	Common Courses				
1	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	HS6151	Technical English - I	2013-14
2	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	MA6151	Mathematics – I	2013-14
3	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	PH6151	Engineering Physics – I	2013-14
4	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	CY6151	Engineering Chemistry – I	2013-14
5	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	GE6151	Computer Programming	2013-14
6	103,104,105,114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	GE6152	Engineering Graphics	2013-14
7	103,104,105,106,114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	HS6251	Technical English - II	2013-14
8	103,104,105,106,114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	MA6251	Mathematics – II	2013-14
9	103,104,105,106,114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	PH6251	Engineering Physics – II	2013-14
10	103,104,105,106,114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	CY6251	Engineering Chemistry – II	2013-14
11	103, 114,115	B.E - Civil Engineering Engineering , B.E - Mechanical Engineering, B.E - Mechatronics	GE6252	Basic Electrical and Electronics Engineering	2013-14
12	103, 114,115	B.E - Civil Engineering Engineering , B.E - Mechanical Engineering, B.E - Mechatronics	GE6253	Engineering Mechanics	2013-14
13	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	MA6351	Transforms and Partial Differential Equations	2014-15
14	103, 104, 105, 106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	GE6351	Environmental Science and Engineering	2014-15
15	103,104,105,106, 114, 115	B.E - Civil Engineering Engineering , B.E. - Computer Science and Engineering, B.E. -	GE6075	Professional Ethics in Engineering	2015-16

16	103,105,106,114, 115	B.E - Civil Engineering Engineering , B.E. - Electrical and Electronics Engineering, B.E. -	MG6851	Principles of Management	2016-17
17	104,106,114, 115	B.E. - Computer Science and Engineering, B.E. - Electrical and Electronics Engineering,	GE6757	Total Quality Management	2015-16
18	105, 114	B.E. - Electrical and Electronics Engineering, B.E - Mechanical Engineering	ME6701	Power Plant Engineering	2013-14
19	105, 106	B.E. - Electrical and Electronics Engineering, B.E. - Electrical and Electronics Engineering	EE6201	Circuit Theory	2013-14
20	104, 106	B.E. - Computer Science and Engineering, B.E. - Electrical and Electronics Engineering	CS8491	Computer Architecture	2018-19
21	103, 114, 115	B.E - Civil Engineering Engineering, B.E - Mechanical Engineering, B.E - Mechatronics	CE6402	Strength of Materials	2014-15
22	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	ME6302	Manufacturing Technology	2013-14
23	114, 115	B.E - B.E - Mechanical Engineering, B.E - Mechatronics	CE6451	Fluid Mechanics and Machinery	2014-15
24	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	MA8452	Statistics and Numerical Methods	2018-19
25	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	ME8492	Kinematics of Machinery	2018-19
26	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	ME8593	Design of Machine Elements	2019-20
27	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	ME6505	Dynamics of Machines	2014-15
28	106, 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics	EC8392	Digital Electronics	2018-19
29	106, 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics	EC6405	Control System Engineering	2014-15
30	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	ME6504	Metrology and Measurements	2014-15
31	105, 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics	EE6503	Power Electronics	2015-16
32	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	ME6602	Automobile Engineering	2016-17
33	105, 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics	EE6007	Micro Electro Mechanical Systems	2016-17

34	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics	MG6071	Entrepreneurship Development	2016-17
	Program Specific Courses				
35	103	B.E - Civil Engineering	CE6301	Engineering Geology	2014-15
36	103	B.E - Civil Engineering	CE6302	Mechanics of Solids	2014-15
37	103	B.E - Civil Engineering	CE6303	Mechanics of Fluids	2014-15
38	103	B.E - Civil Engineering	CE6304	Surveying I	2014-15
39	103	B.E - Civil Engineering	CE6401	Construction Materials	2014-15
40	103	B.E - Civil Engineering	CE6403	Applied Hydraulic Engineering	2014-15
41	103	B.E - Civil Engineering	CE6404	Surveying II	2014-15
42	103	B.E - Civil Engineering	CE6405	Soil Mechanics	2014-15
43	103	B.E - Civil Engineering	CE6501	Structural Analysis I	2015-16
44	103	B.E - Civil Engineering	CE6502	Foundation Engineering	2015-16
45	103	B.E - Civil Engineering	CE6503	Environmental Engineering I	2015-16
46	103	B.E - Civil Engineering	CE6504	Highway Engineering	2015-16
47	103	B.E - Civil Engineering	CE6505	Design of Reinforced Concrete Elements	2015-16
48	103	B.E - Civil Engineering	CE6506	Construction Techniques, Equipment and Practice	2015-16
49	103	B.E - Civil Engineering	CE6601	Design of Reinforced Concrete & Brick Masonry Structures	2015-16
50	103	B.E - Civil Engineering	CE6602	Structural Analysis II	2015-16

51	103	B.E - Civil Engineering	CE6603	Design of Steel Structures	2015-16
52	103	B.E - Civil Engineering	CE6604	Railways, Airports and Harbour Engineering	2015-16
53	103	B.E - Civil Engineering	CE6605	Environmental Engineering II	2015-16
54	103	B.E - Civil Engineering	CE6701	Structural Dynamics and Earthquake Engineering	2016-17
55	103	B.E - Civil Engineering	CE6702	Prestressed Concrete Structures	2016-17
56	103	B.E - Civil Engineering	CE6703	Water Resources and Irrigation Engineering	2016-17
57	103	B.E - Civil Engineering	CE6704	Estimation and Quantity Surveying	2016-17
58	103	B.E - Civil Engineering	CE6008	Groundwater Engineering	2016-17
59	103	B.E - Civil Engineering	EN6501	Municipal Solid Waste Management	2016-17
60	103	B.E - Civil Engineering	CE6016	Prefabricated Structures	2016-17
61	103	B.E - Civil Engineering	CE6021	Repair and Rehabilitation of Structures	2016-17
62	104	B.E. - Computer Science and Engineering	CS6201	Digital Principles and System Design	2013-14
63	104	B.E. - Computer Science and Engineering	CS6202	Programming and Data Structures I	2013-14
64	104	B.E. - Computer Science and Engineering	CS6301	Programming and Data Structure II	2014-15
65	104	B.E. - Computer Science and Engineering	CS6302	Database Management Systems	2014-15
66	104	B.E. - Computer Science and Engineering	CS6304	Analog and Digital Communication	2014-15
67	104	B.E. - Computer Science and Engineering	MA6453	Probability and Queuing Theory	2014-15
68	104	B.E. - Computer Science and Engineering	CS6551	Computer Networks	2014-15

69	104	B.E. - Computer Science and Engineering	CS6401	Operating Systems	2014-15
70	104	B.E. - Computer Science and Engineering	CS6402	Design and Analysis of Algorithms	2014-15
71	104	B.E. - Computer Science and Engineering	EC6504	Microprocessor and Microcontroller	2014-15
72	104	B.E. - Computer Science and Engineering	CS6403	Software Engineering	2014-15
73	104	B.E. - Computer Science and Engineering	MA6566	Discrete Mathematics	2015-16
74	104	B.E. - Computer Science and Engineering	CS6501	Internet Programming	2015-16
75	104	B.E. - Computer Science and Engineering	CS6502	Object Oriented Analysis and Design	2015-16
76	104	B.E. - Computer Science and Engineering	CS6503	Theory of Computation	2015-16
77	104	B.E. - Computer Science and Engineering	CS6504	Computer Graphics	2015-16
78	104	B.E. - Computer Science and Engineering	CS6601	Distributed Systems	2015-16
79	104	B.E. - Computer Science and Engineering	IT6601	Mobile Computing	2015-16
80	104	B.E. - Computer Science and Engineering	CS6660	Compiler Design	2015-16
81	104	B.E. - Computer Science and Engineering	IT6502	Digital Signal Processing	2015-16
82	104	B.E. - Computer Science and Engineering	CS6659	Artificial Intelligence	2015-16
83	104	B.E. - Computer Science and Engineering	CS 6701	Cryptography and Network Security	2016-17
84	104	B.E. - Computer Science and Engineering	CS6702	Graph Theory and Applications	2016-17
85	104	B.E. - Computer Science and Engineering	CS6703	Grid and Cloud Computing	2016-17
86	104	B.E. - Computer Science and Engineering	CS6704	Resource Management Techniques	2016-17

87	104	B.E. - Computer Science and Engineering	IT 6801	Service Oriented Architecture	2016-17
88	104	B.E. - Computer Science and Engineering	IT 6006	Data Analytics	2016-17
89	104	B.E. - Computer Science and Engineering	CS6801	Multi Core Architectures and Programming	2016-17
90	104	B.E. - Computer Science and Engineering	IT 6011	Knowledge Management	2016-17
91	105	B.E. - Electrical and Electronics Engineering	GE6251	Basic Civil and Mechanical Engineering	2013-14
92	105	B.E. - Electrical and Electronics Engineering	MA6459	Numerical Methods	2014-15
93	105	B.E. - Electrical and Electronics Engineering	EE6301	Digital Logic Circuits	2014-15
94	105	B.E. - Electrical and Electronics Engineering	EE6302	Electromagnetic Theory	2014-15
95	105	B.E. - Electrical and Electronics Engineering	EC6202	Electronic Devices and Circuits	2014-15
96	105	B.E. - Electrical and Electronics Engineering	EE6303	Linear Integrated Circuits and Applications	2014-15
97	105	B.E. - Electrical and Electronics Engineering	EE6401	Electrical Machines - I	2014-15
98	105	B.E. - Electrical and Electronics Engineering	CS6456	Object Oriented Programming	2014-15
99	105	B.E. - Electrical and Electronics Engineering	EE6402	Transmission and Distribution	2014-15
100	105	B.E. - Electrical and Electronics Engineering	EE6403	Discrete Time Systems and Signal Processing	2014-15
101	105	B.E. - Electrical and Electronics Engineering	EE6404	Measurements and Instrumentation	2014-15
102	105	B.E. - Electrical and Electronics Engineering	EE6501	Power System Analysis	2015-16
103	105	B.E. - Electrical and Electronics Engineering	EE6502	Microprocessors and Microcontrollers	2015-16
104	105	B.E. - Electrical and Electronics Engineering	EE6504	Electrical Machines - II	2015-16

105	105	B.E. - Electrical and Electronics Engineering	IC6501	Control Systems	2015-16
106	105	B.E. - Electrical and Electronics Engineering	EC6651	Communication Engineering	2015-16
107	105	B.E. - Electrical and Electronics Engineering	EE6601	Solid State Drives	2015-16
108	105	B.E. - Electrical and Electronics Engineering	EE6602	Embedded Systems	2015-16
109	105	B.E. - Electrical and Electronics Engineering	EE6603	Power System Operation and Control	2015-16
110	105	B.E. - Electrical and Electronics Engineering	EE6604	Design of Electrical Machines	2015-16
111	105	B.E. - Electrical and Electronics Engineering	EE6002	Power System Transients	2015-16
112	105	B.E. - Electrical and Electronics Engineering	EE6701	High Voltage Engineering	2016-17
113	105	B.E. - Electrical and Electronics Engineering	EE6702	Protection and Switchgear	2016-17
114	105	B.E. - Electrical and Electronics Engineering	EE6703	Special Electrical Machines	2016-17
115	105	B.E. - Electrical and Electronics Engineering	EE6004	Flexible AC Transmission Systems	2016-17
116	105	B.E. - Electrical and Electronics Engineering	EE6801	Electric Energy Generation, Utilization and Conservation	2016-17
117	105	B.E. - Electrical and Electronics Engineering	IC6003	Principles of Robotics	2016-17
118	106	B.E - Electronics and Communication Engineering	MA6451	Probability and Random Processes	2014-15
119	106	B.E - Electronics and Communication Engineering	EC6201	Electronic Devices	2013-14
120	106	B.E - Electronics and Communication Engineering	EE6352	Electrical Engineering and Instrumentation	2014-15
121	106	B.E - Electronics and Communication Engineering	EC6301	Object Oriented Programming and Data Structures	2014-15
122	106	B.E - Electronics and Communication Engineering	EC6303	Signals and Systems	2014-15

123	106	B.E - Electronics and Communication Engineering	EC6304	Electronic Circuits- I	2014-15
124	106	B.E - Electronics and Communication Engineering	EC6401	Electronic Circuits II	2014-15
125	106	B.E - Electronics and Communication Engineering	EC6402	Communication Theory	2014-15
126	106	B.E - Electronics and Communication Engineering	EC6403	Electromagnetic Fields	2014-15
127	106	B.E - Electronics and Communication Engineering	EC6404	Linear Integrated Circuits	2014-15
128	106	B.E - Electronics and Communication Engineering	EC6501	Digital Communication	2015-16
129	106	B.E - Electronics and Communication Engineering	EC6502	Principles of Digital Signal Processing	2015-16
130	106	B.E - Electronics and Communication Engineering	EC6503	Transmission Lines and Wave Guides	2015-16
131	106	B.E - Electronics and Communication Engineering	EC6601	VLSI Design	2015-16
132	106	B.E - Electronics and Communication Engineering	EC6602	Antenna and Wave propagation	2015-16
133	106	B.E - Electronics and Communication Engineering	EC6001	Medical Electronics	2015-16
134	106	B.E - Electronics and Communication Engineering	EC6701	RF and Microwave Engineering	2016-17
135	106	B.E - Electronics and Communication Engineering	EC6702	Optical Communication and Networks	2016-17
136	106	B.E - Electronics and Communication Engineering	EC6703	Embedded and Real Time Systems	2016-17
137	106	B.E - Electronics and Communication Engineering	IT6005	Digital Image Processing	2016-17
138	106	B.E - Electronics and Communication Engineering	EC6009	Advanced Computer Architecture	2016-17
139	106	B.E - Electronics and Communication Engineering	EC6013	Advanced Microprocessors and Microcontrollers	2016-17
140	106	B.E - Electronics and Communication Engineering	EC6801	Wireless Communication	2016-17

141	106	B.E - Electronics and Communication Engineering	EC6802	Wireless Networks	2016-17
142	106	B.E - Electronics and Communication Engineering	EC6811	Project work	2016-17
143	114	B.E - Mechanical Engineering	M36301	Engineering Thermodynamics	2013-14
144	114	B.E - Mechanical Engineering	EE6351	Electrical Drives and Controls	2013-14
145	114	B.E - Mechanical Engineering	ME6402	Manufacturing Technology– II	2013-14
146	114	B.E - Mechanical Engineering	ME6403	Engineering Materials And Metallurgy	2013-14
147	114	B.E - Mechanical Engineering	ME6404	Thermal Engineering	2013-14
148	114	B.E - Mechanical Engineering	ME6501	Computer Aided Design	2013-14
149	114	B.E - Mechanical Engineering	ME6502	Heat and Mass Transfer	2013-14
150	114	B.E - Mechanical Engineering	ME6601	Design Of Transmission Systems	2013-14
151	114	B.E - Mechanical Engineering	ME6603	Finite Element Analysis	2013-14
152	114	B.E - Mechanical Engineering	ME6604	Gas Dynamics And Jet Propulsion	2013-14
153	114	B.E - Mechanical Engineering	ME6004	Unconventional Machining Processes	2013-14
154	114	B.E - Mechanical Engineering	ME6702	Mechatronics	2013-14
155	114	B.E - Mechanical Engineering	ME6703	Computer Integrated Manufacturing	2013-14
156	114	B.E - Mechanical Engineering	ME6005	Process Planning and Cost Estimation	2013-14
157	114	B.E - Mechanical Engineering	ME6010	Robotics	2013-14
158	114	B.E - Mechanical Engineering	MG6863	Engineering Economics	2013-14

159	114	B.E - Mechanical Engineering	ME6016	Advanced I.C. Engines	2013-14
160	115	B.E - Mechatronics	MG6072	Marketing Management	2016-17
161	115	B.E - Mechatronics	EE6358	Electrical Machines and Drives	2014-15
162	115	B.E - Mechatronics	MT6401	Microprocessors and Applications	2014-15
163	115	B.E - Mechatronics	MT6501	Sensors and Signal Processing	2015-16
164	115	B.E - Mechatronics	MF6505	CNC Machining Technology	2015-16
165	115	B.E - Mechatronics	MT6502	Thermodynamics Principles and Applications	2015-16
166	115	B.E - Mechatronics	MT6601	Micro Controller and PLC	2015-16
167	115	B.E - Mechatronics	MT6602	Applied Hydraulics and Pneumatics	2015-16
168	115	B.E - Mechatronics	MT6603	Design of Mechatronics System	2015-16
169	115	B.E - Mechatronics	MT6604	Object Oriented Programming in C++	2015-16
170	115	B.E - Mechatronics	MT6701	Medical Mechatronics	2016-17
171	115	B.E - Mechatronics	MT6702	Modeling and Simulation	2016-17
172	115	B.E - Mechatronics	MT6703	Robotics and Machine Vision System	2016-17
173	115	B.E - Mechatronics	MT6801	Automotive Electronics	2016-17
174	401	M.E. - Applied Electronics	MA7157	Applied Mathematics for Electronics	2013-14
175	401	M.E. - Applied Electronics	AP7101	Advanced Digital Signal Processing	2013-14
176	401	M.E. - Applied Electronics	AP7102	Advanced Digital Logic System Design	2013-14

177	401	M.E. - Applied Electronics	AP7103	Advanced Microprocessor and Microcontroller	2013-14
178	401	M.E. - Applied Electronics	AP7001	Computer Architecture and Parallel Processing	2013-14
179	401	M.E. - Applied Electronics	AP7006	Sensors and Signal Conditioning	2013-14
180	401	M.E. - Applied Electronics	AP7201	Analysis and Design of Analog Integrated Circuits	2013-14
181	401	M.E. - Applied Electronics	AP7202	ASIC and FPGA Design	2013-14
182	401	M.E. - Applied Electronics	CP7103	Multicore Architectures	2013-14
183	401	M.E. - Applied Electronics	AP7007	Fiber Optic Sensors	2013-14
184	401	M.E. - Applied Electronics	AP7010	Data Converters	2013-14
185	401	M.E. - Applied Electronics	AP7301	Electromagnetic Interference and Compatibility	2014-15
186	401	M.E. - Applied Electronics	VL7013	VLSI for Wireless Communication	2014-15
187	401	M.E. - Applied Electronics	AP7016	System on Chip Design	2014-15
188	405	M.E. - Computer Science and Engineering	MA7153	Advanced Mathematics for Computing	2015-16
189	405	M.E. - Computer Science and Engineering	CP7151	Advanced Data Structures and Algorithms	2015-16
190	405	M.E. - Computer Science and Engineering	CP7152	Advanced Software Engineering	2015-16
191	405	M.E. - Computer Science and Engineering	CP7153	Advances in Operating Systems	2015-16
192	405	M.E. - Computer Science and Engineering	CP7154	Multi Core Architectures	2015-16
193	405	M.E. - Computer Science and Engineering	CP7252	Compiler Optimization Techniques	2015-16
194	405	M.E. - Computer Science and Engineering	CP7253	Machine Learning Techniques	2015-16

195	405	M.E. - Computer Science and Engineering	CP7251	Cloud Computing Technologies	2015-16
196	405	M.E. - Computer Science and Engineering	CP7155	Networking Technologies	2015-16
197	405	M.E. - Computer Science and Engineering	SO7251	Advanced Database Management Systems	2015-16
198	405	M.E. - Computer Science and Engineering	CP7254	Security Principles and Practices	2016-17
199	405	M.E. - Computer Science and Engineering	CP5005	Software Quality Assurance & Testing	2016-17
200	405	M.E. - Computer Science and Engineering	CP5074	Social Network Analysis	2016-17
201	405	M.E. - Computer Science and Engineering	CP5094	Information Retrieval Techniques	2016-17