

Academic Year 2015 - 16

S.No.	PROGRAM CODE	PROGRAM NAME	COURSE CODE	COURSE NAME
Common Courses				
1	103 , 114 , 115	B.E - Civil Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering	GE6252	Basic Electrical and Electronics Engineering
2	105 , 106	B.E. - Electrical and Electronics Engineering , B.E. - Electrical and Electronics Engineering	EE6201	Circuit Theory
3	104 , 106	B.E. - Computer Science and Engineering , B.E. - Electrical and Electronics Engineering	CS6303	Computer Architecture
4	105 , 106	B.E. - Computer Science and Engineering , B.E. - Electrical and Electronics Engineering	CS6551	Computer Networks
5	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	GE6151	Computer Programming
6	106 , 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics Engineering	EC6405	Control System Engineering
7	114 , 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	ME6503	Design of Machine Elements
8	106 , 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics Engineering	EC6302	Digital Electronics
9	114 , 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	ME6505	Dynamics of Machines
10	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	CY6151	Engineering Chemistry – I
11	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	CY6251	Engineering Chemistry – II
12	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	GE6152	Engineering Graphics
13	103 , 114 , 115	B.E - Civil Engineering, B.E - Mechanical Engineering , B.E - Mechatronics Engineering	GE6253	Engineering Mechanics
14	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	PH6151	Engineering Physics – I
15	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	PH6251	Engineering Physics – II
16	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	GE6351	Environmental Science and Engineering
17	114 , 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	CE6451	Fluid Mechanics and Machinery
18	114 , 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	ME6401	Kinematics of Machinery
19	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	MA6151	Mathematics – I
20	103 , 104 , 105 , 106 , 114 , 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	MA6251	Mathematics – II
21	114 , 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	ME6504	Metrology And Measurements
22	104 , 106	B.E. - Electrical and Electronics Engineering, B.E. - Computer Science and Engineering	EC6504	Microprocessor And Microcontroller
23	105 , 115	B.E. - Electrical and Electronics Engineering, B.E - Mechatronics Engineering	EE6503	Power Electronics
24	105 , 106 , 114 , 115	EEE, B.E. - Electrical and Electronics Engineering, B.E - Mechanical Engineering, B.E - Mechatronics Engineering	MG6851	Principles of Management
25	103 , 104 , 106 , 114	B.E - Civil Engineering, B.E. - Computer Science and Engineering, B.E. - Electrical and Electronics Engineering, B.E - Mechanical Engineering	GE2025	Professional Ethics In Engineering

26	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	MA6452	Statistics And Numerical Methods
27	103, 114, 115	B.E - Civil Engineering, B.E - Mechanical Engineering, B.E - Mechatronics Engineering	CE6306	Strength of Materials
28	103 , 104 , 105 , 106 , 114, 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	HS6151	Technical English - I
29	103 , 104 , 105 , 106 , 114, 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	HS6251	Technical English - II
30	104, 105, 114,115	B.E. - Computer Science and Engineering, B.E. - Electrical and Electronics Engineering, B.E - Mechanical Engineering	GE2022	Total Quality Management
31	103 , 104 , 105 , 106 , 114, 115	Engineering, B.E. - Electrical and Electronics Engineering , B.E - Mechanical Engineering, B.E - Mechatronics Engineering, B.E. - Computer Science and Engineering	MA6351	Transforms and Partial Differential Equations
32	114, 115	B.E - Mechanical Engineering, B.E - Mechatronics Engineering	ME6302	Manufacturing Technology
33	103, 114	B.E - Civil Engineering, Mechanical	CE2451	Engineering Economics and Cost Analysis
Program Specific Courses				
34	103	B.E - Civil Engineering	CE2403	Basics of Dynamics and Aseismic Design
35	103	B.E - Civil Engineering	CE2401	Design of Reinforced Concrete & Brick Masonry Structures
36	103	B.E - Civil Engineering	CE2402	Estimation and Quantity Surveying
37	103	B.E - Civil Engineering	CE2033	Ground Improvement Techniques
38	103	B.E - Civil Engineering	CE2039	Municipal Solid Waste Management
39	103	B.E - Civil Engineering	CE2045	Prefabricated structures
40	103	B.E - Civil Engineering	CE2404	Prestressed Concrete Structures
41	103	B.E - Civil Engineering	CE2071	Repair and Rehabilitation of Structures
42	103	B.E - Civil Engineering	CE6403	Applied Hydraulic Engineering
43	103	B.E - Civil Engineering	CE6401	Construction Materials
44	103	B.E - Civil Engineering	CE6301	Engineering Geology
45	103	B.E - Civil Engineering	CE6303	Mechanics of Fluids
46	103	B.E - Civil Engineering	CE6302	Mechanics of Solids
47	103	B.E - Civil Engineering	CE6405	Soil Mechanics
48	103	B.E - Civil Engineering	CE6304	Surveying I
49	103	B.E - Civil Engineering	CE6404	Surveying II
50	103	B.E - Civil Engineering	CE6506	Construction Techniques, Equipment and Practice
51	103	B.E - Civil Engineering	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
52	103	B.E - Civil Engineering	CE6505	Design of Reinforced Concrete Elements
53	103	B.E - Civil Engineering	CE6603	Design of Steel Structures
54	103	B.E - Civil Engineering	CE6503	Environmental Engineering I
55	103	B.E - Civil Engineering	CE6605	Environmental Engineering II
56	103	B.E - Civil Engineering	CE6502	Foundation Engineering
57	103	B.E - Civil Engineering	CE6504	Highway Engineering
58	103	B.E - Civil Engineering	CE6604	Railways, Airports and Harbour Engineering
59	103	B.E - Civil Engineering	CE6501	Structural Analysis I
60	103	B.E - Civil Engineering	CE6602	Structural Analysis II
61	104	B.E. - Computer Science and Engineering	CS 2032	Data Warehousing and Mining
62	104	B.E. - Computer Science and Engineering	MG2452	Engineering Economics & Financial Accounting
63	104	B.E. - Computer Science and Engineering	CS2402	Mobile and Pervasive Computing
64	104	B.E. - Computer Science and Engineering	IT 2403	Software Project Management
65	104	B.E. - Computer Science and Engineering	CS6201	Digital Principles and System Design
66	104	B.E. - Computer Science and Engineering	CS6202	Programming and Data Structures I
67	104	B.E. - Computer Science and Engineering	CS6304	Analog and Digital Communication
68	104	B.E. - Computer Science and Engineering	CS6302	Database Management Systems
69	104	B.E. - Computer Science and Engineering	CS6402	Design and Analysis of Algorithms
70	104	B.E. - Computer Science and Engineering	CS6401	Operating Systems
71	104	B.E. - Computer Science and Engineering	MA6453	Probability and Queueing Theory
72	104	B.E. - Computer Science and Engineering	CS6301	Programming and Data Structure II
73	104	B.E. - Computer Science and Engineering	CS6403	Software Engineering
74	104	B.E. - Computer Science and Engineering	CS6659	Artificial Intelligence
75	104	B.E. - Computer Science and Engineering	CS6660	Compiler Design
76	104	B.E. - Computer Science and Engineering	CS6504	Computer Graphics
77	104	B.E. - Computer Science and Engineering	IT6502	Digital Signal Processing
78	104	B.E. - Computer Science and Engineering	MA6566	Discrete Mathematics

79	104	B.E. - Computer Science and Engineering	CS6601	Distributed Systems
80	104	B.E. - Computer Science and Engineering	CS6501	Internet Programming
81	104	B.E. - Computer Science and Engineering	IT6601	Mobile Computing
82	104	B.E. - Computer Science and Engineering	CS6502	Object Oriented Analysis and Design
83	104	B.E. - Computer Science and Engineering	CS6503	Theory of Computation
84	105	B.E. - Electrical and Electronics Engineering	EE2451	Electric Energy Generation, Utilization and Conservation
85	105	B.E. - Electrical and Electronics Engineering	EE2036	Flexible AC Transmission Systems
86	105	B.E. - Electrical and Electronics Engineering	EE2028	Power Quality
87	105	B.E. - Electrical and Electronics Engineering	EE2401	Power System Operation and Control
88	105	B.E. - Electrical and Electronics Engineering	EE2402	Protection and Switchgear
89	105	B.E. - Electrical and Electronics Engineering	EE2403	Special Electrical Machines
90	105	B.E. - Electrical and Electronics Engineering	GE6251	Basic Civil and B.E - Mechanical Engineering
91	105	B.E. - Electrical and Electronics Engineering	CS2411	Operating Systems
92	105	B.E. - Electrical and Electronics Engineering	EE6301	Digital Logic Circuits
93	105	B.E. - Electrical and Electronics Engineering	EE6403	Discrete Time Systems and Signal Processing
94	105	B.E. - Electrical and Electronics Engineering	EE6401	Electrical Machines - I
95	105	B.E. - Electrical and Electronics Engineering	EE6302	Electromagnetic Theory
96	105	B.E. - Electrical and Electronics Engineering	EC6202	Electronic Devices and Circuits
97	105	B.E. - Electrical and Electronics Engineering	EE6303	Linear Integrated Circuits and Applications
98	105	B.E. - Electrical and Electronics Engineering	EE6404	Measurements and Instrumentation
99	105	B.E. - Electrical and Electronics Engineering	MA6459	Numerical Methods
100	105	B.E. - Electrical and Electronics Engineering	CS6456	Object Oriented Programming
101	105	B.E. - Electrical and Electronics Engineering	EE6402	Transmission and Distribution
102	105	B.E. - Electrical and Electronics Engineering	EC6651	Communication Engineering
103	105	B.E. - Electrical and Electronics Engineering	IC6501	Control Systems
104	105	B.E. - Electrical and Electronics Engineering	EE6604	Design of Electrical Machines
105	105	B.E. - Electrical and Electronics Engineering	EE6504	Electrical Machines - II
106	105	B.E. - Electrical and Electronics Engineering	EE6602	Embedded Systems
107	105	B.E. - Electrical and Electronics Engineering	EE6502	Microprocessors and Microcontrollers
108	105	B.E. - Electrical and Electronics Engineering	ME6701	Power Plant Engineering
109	105	B.E. - Electrical and Electronics Engineering	EE6501	Power System Analysis
110	105	B.E. - Electrical and Electronics Engineering	EE6002	Power System Transients
111	105	B.E. - Electrical and Electronics Engineering	EE6601	Solid State Drives
112	106	B.E - Electronics and Communication Engineering	EC2029	Digital Image Processing
113	106	B.E - Electronics and Communication Engineering	CS2060	High Speed Networks
114	106	B.E - Electronics and Communication Engineering	EC2402	Optical Communication and Networks
115	106	B.E - Electronics and Communication Engineering	EC2451	Project work
116	106	B.E - Electronics and Communication Engineering	EC2403	RF and Microwave Engineering
117	106	B.E - Electronics and Communication Engineering	EC2401	Wireless Communication
118	106	B.E - Electronics and Communication Engineering	EC2043	Wireless networks
119	106	B.E - Electronics and Communication Engineering	EC2051	Wireless Sensor Networks
120	106	B.E - Electronics and Communication Engineering	EC6201	Electronic Devices
121	106	B.E - Electronics and Communication Engineering	EC6402	Communication Theory
122	106	B.E - Electronics and Communication Engineering	EE6352	Electrical Engineering and Instrumentation
123	106	B.E - Electronics and Communication Engineering	EC6403	Electromagnetic Fields
124	106	B.E - Electronics and Communication Engineering	EC6304	Electronic Circuits- I
125	106	B.E - Electronics and Communication Engineering	EC6401	Electronic Circuits II
126	106	B.E - Electronics and Communication Engineering	EC6404	Linear Integrated Circuits
127	106	B.E - Electronics and Communication Engineering	EC6301	Object Oriented Programming and Data Structures
128	106	B.E - Electronics and Communication Engineering	MA6451	Probability and Random Processes
129	106	B.E - Electronics and Communication Engineering	EC6303	Signals and Systems
130	106	B.E - Electronics and Communication Engineering	EC6602	Antenna and Wave propagation
131	106	B.E - Electronics and Communication Engineering	EC6501	Digital Communication
132	106	B.E - Electronics and Communication Engineering	EC6001	Medical Electronics
133	106	B.E - Electronics and Communication Engineering	EC6502	Principles of Digital Signal Processing
134	106	B.E - Electronics and Communication Engineering	EC6503	Transmission Lines and Wave Guides
135	106	B.E - Electronics and Communication Engineering	EC6601	VLSI Design
136	114	B.E - Mechanical Engineering	ME2041	Advanced I.C. Engines
137	114	B.E - Mechanical Engineering	ME2402	Computer Integrated Manufacturing
138	114	B.E - Mechanical Engineering	ME2035	Entrepreneurship Development
139	114	B.E - Mechanical Engineering	ME2401	Mechatronics
140	114	B.E - Mechanical Engineering	ME2403	Power Plant Engineering
141	114	B.E - Mechanical Engineering	ME2027	Process Planning And Cost Estimation
142	114	B.E - Mechanical Engineering	ME2028	Robotics
143	114	B.E - Mechanical Engineering	ME6602	Automobile Engineering
144	114	B.E - Mechanical Engineering	ME6501	Computer Aided Design
145	114	B.E - Mechanical Engineering	ME6601	Design of Transmission Systems
146	114	B.E - Mechanical Engineering	EE6351	Electrical Drives And Controls
147	114	B.E - Mechanical Engineering	ME6403	Engineering Materials And Metallurgy

148	114	B.E - Mechanical Engineering	M36301	Engineering Thermodynamics
149	114	B.E - Mechanical Engineering	ME6603	Finite Element Analysis
150	114	B.E - Mechanical Engineering	ME6604	Gas Dynamics and Jet Propulsion
151	114	B.E - Mechanical Engineering	ME6502	Heat And Mass Transfer
152	114	B.E - Mechanical Engineering	ME6404	Thermal Engineering
153	114	B.E - Mechanical Engineering	ME6004	Unconventional Machining Processes
154	115	B.E - Mechatronics Engineering	EE6358	Electrical Machines and Drives
155	115	B.E - Mechatronics Engineering	MT6401	Microprocessors and Applications
156	115	B.E - Mechatronics Engineering	MT6602	Applied Hydraulics and Pneumatics
157	115	B.E - Mechatronics Engineering	MF6505	CNC Machining Technology
158	115	B.E - Mechatronics Engineering	MT6603	Design of Mechatronics System
159	115	B.E - Mechatronics Engineering	MT6601	Micro Controller and PLC
160	115	B.E - Mechatronics Engineering	MT6604	Object Oriented Programming in C++
161	115	B.E - Mechatronics Engineering	MT6501	Sensors and Signal Processing
162	115	B.E - Mechatronics Engineering	MT6502	Thermodynamics Principles and Applications
163	401	M.E. Applied Electronics	MA7157	Applied Mathematics for Electronics Engineers
164	401	M.E. Applied Electronics	AP7101	Advanced Digital Signal Processing
165	401	M.E. Applied Electronics	AP7102	Advanced Digital Logic System Design
166	401	M.E. Applied Electronics	AP7103	Advanced Microprocessor and Microcontroller
167	401	M.E. Applied Electronics	AP7001	Computer Architecture and Parallel Processing
168	401	M.E. Applied Electronics	AP7006	Sensors and Signal Conditioning
169	401	M.E. Applied Electronics	AP7201	Analysis and Design of Analog Integrated Circuits
170	401	M.E. Applied Electronics	AP7202	ASIC and FPGA Design
171	401	M.E. Applied Electronics	CP7103	Multicore Architectures
172	401	M.E. Applied Electronics	AP7007	Fiber Optic Sensors
173	401	M.E. Applied Electronics	AP7010	Data Converters
174	401	M.E. Applied Electronics	AP7301	Electromagnetic Interference And Compatibility
175	401	M.E. Applied Electronics	VL7013	VLSI for Wireless Communication
176	401	M.E. Applied Electronics	AP7016	System on Chip Design
177	405	M.E. Computer Science and Engineering	MA7153	Advanced Mathematics for Computing
178	405	M.E. Computer Science and Engineering	CP7151	Advanced Data Structures and Algorithms
179	405	M.E. Computer Science and Engineering	CP7152	Advanced Software Engineering
180	405	M.E. Computer Science and Engineering	CP7153	Advances in Operating Systems
181	405	M.E. Computer Science and Engineering	CP7154	Multi Core Architectures
182	405	M.E. Computer Science and Engineering	CP7252	Compiler Optimization Techniques
183	405	M.E. Computer Science and Engineering	CP7253	Machine Learning Techniques
184	405	M.E. Computer Science and Engineering	CP7251	Cloud Computing Technologies
185	405	M.E. Computer Science and Engineering	CP7155	Networking Technologies
186	405	M.E. Computer Science and Engineering	SO7251	Advanced Database Management Systems
187	405	M.E. Computer Science and Engineering	CP 7254	Security Principles and Practices
188	405	M.E. Computer Science and Engineering	CP8075	Social Network Analysis
189	405	M.E. Computer Science and Engineering	CP8012	Internet of Things
190	405	M.E. Computer Science and Engineering	CP8011	Information Retrieval Techniques

YEAR OF INTRODUCTION
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