	Academic Year 2018 - 19				
S.No.	PROGRAM CODE	PROGRAM NAME	COURSE CODE	COURSE NAME	
	•	Common	Courses		
1	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	HS8151	Communicative English	
2	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	MA8151	Engineering Mathematics – I	
3	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	PH8151	Engineering Physiscs	
4	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	CY8151	Engineering Chemistry	

5	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	GE8151	Problem Solving And Python Programming
6	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	GE8152	Engineering Graphics
7	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	HS8251	Technical English
8	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	MA8251	Engineering Mathematics – II
9	103,104,105,106, 114,115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	GE8291	Environmental Science and Engineering

10	103, 114, 115	B.E - Civil Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	GE8292	Engineering Mechanics
11	103, 105, 114, 115	B.E - Civil Engineering, B.E Electrical and Electronics Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	MA8353	Transforms and Partial Differential Equations
12	103,105	B.E - Civil Engineering, B.E Electrical and Electronics Engineering	MA8491	Numerical Methods
13	103,104,105,106, 114, 115	B.E - Civil Engineering, B.E Computer Science and Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	GE6075	Professional Ethics in Engineering
14	103,105,106, 114, 115	B.E - Civil Engineering, B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	MG6851	Principles of Management

15	105,106	B.E Electrical and Electronics Engineering, B.E Electronics and Communication Engineering	PH8253	Physics for Electronics Engineering
16	105,114	B.E Electrical and Electronics Engineering, B.E Mechanical Engineering	ME6701	Power Plant Engineering
17	106,114,115	B.E Electronics and Communication Engineering, B.E Mechanical Engineering, B.E Mechatronics Engineering	GE6757	Total Quality Management
18	114,115	B.E Mechanical Engineering, B.E Mechatronics Engineering	PH8251	Materials Science
19	114,115	B.E Mechanical Engineering, B.E Mechatronics Engineering	CE8395	Strength of Materials for Mechanical Engineers

20	114,115	B.E Mechanical Engineering, B.E Mechatronics Engineering	MA8452	Statistics and Numerical Methods
21	114,115	B.E Mechanical Engineering, B.E Mechatronics Engineering	ME8492	Kinematics of Machinery
22	114,115	B.E Mechanical Engineering, B.E Mechatronics Engineering	BE8253	Basic Electrical, Electronics and Instrumentation Engineering
23	106,115	B.E Electronics and Communication Engineering, B.E Mechatronics Engineering	EC8392	Digital Electronics
24	105,115	B.E Electrical and Electronics Engineering, B.E Mechatronics Engineering	EE6503	Power Electronics

25	114,115	B.E Mechanical Engineering, B.E Mechatronics Engineering	ME8593	Design of Machine Elements
26	105, 115	B.E Electrical and Electronics Engineering, B.E Mechatronics Engineering	EE6502	Microprocessors and Microcontrollers
27	105, 106	B.E Electrical and Electronics Engineering, B.E - Electronics and Communication Engineering	IC6501	Control Systems
28	104, 105	B.E. Computer Science and Engineering, B.E - Electrical and Electronics Engineering	EC8395	Communication Engineering
29	104,106	B.E. Computer Science and Engineering, B.E Electronics and Communication Engineering	CS8491	Computer Architecture

		Progra	m Specific Cours	es
30	103	B.E - Civil Engineering	PH8201	Physics for Civil Engineering
31	103	B.E - Civil Engineering	BE8251	Basic Electrical and Electronicsengineering
32	103	B.E - Civil Engineering	CE8301	Strength of Materials I
33	103	B.E - Civil Engineering	CE8302	Fluid Mechanics
34	103	B.E - Civil Engineering	CE8351	Surveying
35	103	B.E - Civil Engineering	CE8391	Construction Materials
36	103	B.E - Civil Engineering	CE8392	Engineering Geology
37	103	B.E - Civil Engineering	CE8401	Construction Techniques and Practices
38	103	B.E - Civil Engineering	CE8402	Strength of Materials II
39	103	B.E - Civil Engineering	CE8403	Applied Hydraulic Engineering
40	103	B.E - Civil Engineering	CE8404	Concrete Technology
41	103	B.E - Civil Engineering	CE8491	Soil Mechanics
42	103	B.E - Civil Engineering	CE6501	Structural Analysis I
43	103	B.E - Civil Engineering	CE6502	Foundation Engineering
44	103	B.E - Civil Engineering	CE6503	Environmental Engineering I

45	103	B.E - Civil Engineering	CE6504	Highway Engineering
46	103	B.E - Civil Engineering	CE6505	Design of Reinforced Concrete Elements
47	103	B.E - Civil Engineering	CE6506	Construction Techniques, Equipment and Practice
48	103	B.E - Civil Engineering	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
49	103	B.E - Civil Engineering	CE6602	Structural Analysis II
50	103	B.E - Civil Engineering	CE6603	Design of Steel Structures
51	103	B.E - Civil Engineering	CE6604	Railways, Airports and Harbour Engineering
52	103	B.E - Civil Engineering	CE6605	Environmental Engineering II
53	103	B.E - Civil Engineering	CE6701	Structural Dynamics and Earthquake Engineering
54	103	B.E - Civil Engineering	CE6702	Prestressed Concrete Structures
55	103	B.E - Civil Engineering	CE6703	Water Resources and Irrigation Engineering
56	103	B.E - Civil Engineering	CE6704	Estimation and Quantity Surveying
57	103	B.E - Civil Engineering	CE6008	Groundwater Engineering
58	103	B.E - Civil Engineering	EN6501	Municipal Solid Waste Management
59	103	B.E - Civil Engineering	CE6016	Prefabricated Structures
60	103	B.E - Civil Engineering	CE6021	Repair and Rehabilitation Of Structures

61	104	B.E. Computer Science and Engineering	PH8252	Physics for Information Science
62	104	B.E. Computer Science and Engineering	BE8255	Basic Electrical, Electronics and Measurement Engineering
63	104	B.E. Computer Science and Engineering	CS8251	Programming in C
64	104	B.E. Computer Science and Engineering	MA8351	Discrete Mathematics
65	104	B.E. Computer Science and Engineering	CS8351	Digital Principles and System Design
66	104	B.E. Computer Science and Engineering	CS8391	Data Structures
67	104	B.E. Computer Science and Engineering	CS8392	Object Oriented Programming
68	104	B.E. Computer Science and Engineering	MA8402	Probability and Queueing Theory
69	104	B.E. Computer Science and Engineering	CS8492	Database Management Systems
70	104	B.E. Computer Science and Engineering	CS8451	Design and Analysis Of Algorithm
71	104	B.E. Computer Science and Engineering	CS8493	Operating Systems
72	104	B.E. Computer Science and Engineering	CS8494	Software Engineering
73	104	B.E. Computer Science and Engineering	MA6566	Discretemathematics
74	104	B.E. Computer Science and Engineering	CS6501	Internet Programming
75	104	B.E. Computer Science and Engineering	CS6502	Object oriented analysis and design
76	104	B.E. Computer Science and Engineering	CS6503	Theory of Computation

77	104	B.E. Computer Science and Engineering	CS6504	Computer graphics
78	104	B.E. Computer Science and Engineering	CS6601	Distributed systems
79	104	B.E. Computer Science and Engineering	IT6601	Mobile computing
80	104	B.E. Computer Science and Engineering	CS6660	Compilerd esign
81	104	B.E. Computer Science and Engineering	IT6502	Digitalsignalprocessing
82	104	B.E. Computer Science and Engineering	CS6659	Artificialintelligence
83	104	B.E. Computer Science and Engineering	CS 6701	Cryptography and Network Security
84	104	B.E. Computer Science and Engineering	CS6702	Graph Theory And Applications
85	104	B.E. Computer Science and Engineering	CS6703	Grid And Cloud Computing
86	104	B.E. Computer Science and Engineering	CS6704	Resource Management Techniques
87	104	B.E. Computer Science and Engineering	IT 6801	Service Oriented Architecture
88	104	B.E. Computer Science and Engineering	IT 6006	Data Analytics
89	104	B.E. Computer Science and Engineering	CS6801	Multi – Core Architectures And Programming
90	104	B.E. Computer Science and Engineering	IT 6011	Knowledge Management
91	105	B.E Electrical and Electronics Engineering	BE8252	Basic Civil And Mechanical Engineering
92	105	B.E Electrical and Electronics Engineering	EE8251	Circuit Theory

93	105	B.E Electrical and Electronics Engineering	EE8351	Digital Logic Circuits
94	105	B.E Electrical and Electronics Engineering	EE8391	Electromagnetic Theory
95	105	B.E Electrical and Electronics Engineering	EE8301	Electrical Machines - I
96	105	B.E Electrical and Electronics Engineering	EC8353	Electron Devices And Circuits
97	105	B.E Electrical and Electronics Engineering	EE8402	Transmission And Distribution
98	105	B.E Electrical and Electronics Engineering	EE8403	Measurements And Instrumentation
99	105	B.E Electrical and Electronics Engineering	EE8451	Linear Integrated Circuits And Applications
100	105	B.E Electrical and Electronics Engineering	EE6501	Power System Analysis
101	105	B.E Electrical and Electronics Engineering	EE6504	Electrical Machines - II
102	105	B.E Electrical and Electronics Engineering	EE6601	Solid State Drives
103	105	B.E Electrical and Electronics Engineering	EE6602	Embedded Systems
104	105	B.E Electrical and Electronics Engineering	EE6603	Power System Operation And Control
105	105	B.E Electrical and Electronics Engineering	EE6604	Design Of Electrical Machines
106	105	B.E Electrical and Electronics Engineering	EE6002	Power System Transients
107	105	B.E Electrical and Electronics Engineering	EE6701	High Voltage Engineering
108	105	B.E Electrical and Electronics Engineering	EE6702	Protection And Switchgear

109	105	B.E Electrical and Electronics Engineering	EE6703	Special Electrical Machines
110	105	B.E Electrical and Electronics Engineering	EE6004	Flexible Ac Transmission Systems
111	105	B.E Electrical and Electronics Engineering	EE6007	Micro Electro Mechanical Systems
112	105	B.E Electrical and Electronics Engineering	EE6801	Electric Energy Generation, Utilization And Conservation
113	105	B.E Electrical and Electronics Engineering	EE6009	Power Electronics For Renewable Energy Systems
114	106	B.E Electronics and Communication Engineeri	MA8352	Linear Algebra And Partial Differential Equations
115	106	B.E Electronics and Communication Engineeri	MA8451	Probability And Random Processes
116	106	B.E Electronics and Communication Engineering	BE8254	Basic Electrical And Instrumentation Engineering
117	106	B.E Electronics and Communication Engineeri	EC8251	Circuit Analysis
118	106	B.E Electronics and Communication Engineeri	EC8252	Electronic Devices
119	106	B.E Electronics and Communication Engineering	EC8393	Fundamentals Of Data Structures In C
120	106	B.E Electronics and Communication Engineering	EC8351	Electronic Circuits- I
121	106	B.E Electronics and Communication Engineeri	EC8352	Signals And Systems
122	106	B.E Electronics and Communication Engineering	EC8452	Electronic Circuits Ii
123	106	B.E Electronics and Communication Engineeri	EC8491	Communication Theory
124	106	B.E Electronics and Communication Engineeri	EC8451	Electromagnetic Fields

125	106	B.E Electronics and Communication Engineeri	EC8453	Linear Integrated Circuits
126	106	B.E Electronics and Communication Engineeri	EC6501	Digital Communication
127	106	B.E Electronics and Communication Engineeri	EC6502	Principles Of Digital Signal Processing
128	106	B.E Electronics and Communication Engineeri	EC6503	Transmission Lines And Wave Guides
129	106	B.E Electronics and Communication Engineeri	EC6504	Microprocessor And Microcontroller
130	106	B.E Electronics and Communication Engineeri	CS6551	Computer Networks
131	106	B.E Electronics and Communication Engineeri	EC6601	Vlsi Design
132	106	B.E Electronics and Communication Engineeri	EC6602	Antenna And Wave Propagation
133	106	B.E Electronics and Communication Engineeri	EC6001	Medical Electronics
134	106	B.E Electronics and Communication Engineeri	EC6701	Rf And Microwave Engineering
135	106	B.E Electronics and Communication Engineeri	EC6702	Optical Communication And Networks
136	106	B.E Electronics and Communication Engineeri	EC6703	Embedded And Real Time Systems
137	106	B.E Electronics and Communication Engineeri	IT6005	Digital Image Processing
138	106	B.E Electronics and Communication Engineeri	EC6009	Emic
139	106	B.E Electronics and Communication Engineeri	EC6013	Rna
140	106	B.E Electronics and Communication Engineeri	EC6801	Wireless Communication

141	106	B.E Electronics and Communication Engineeri	EC6802	Wireless Networks
111	100	B.E. Dieedolles and Communication Engineeri		Wholess Ivetworks
142	114	B.E Mechanical Engineering	ME8594	Dynamics Of Machines
143	114	B.E Mechanical Engineering	ME8391	Engineering Thermodynamics
144	114	B.E Mechanical Engineering	ME8351	Manufacturing Technology - I
145	114	B.E Mechanical Engineering	EE8353	Electrical Drives And Controls
146	114	B.E Mechanical Engineering	ME8451	Manufacturing Technology – Ii
147	114	B.E Mechanical Engineering	ME8491	Engineering Metallurgy
148	114	B.E Mechanical Engineering	ME8493	Thermal Engineering- I
149	114	B.E Mechanical Engineering	ME6501	Computer Aided Design
150	114	B.E Mechanical Engineering	ME6502	Heat And Mass Transfer
151	114	B.E Mechanical Engineering	ME6504	Metrology And Measurements
152	114	B.E Mechanical Engineering	ME6601	Design Of Transmission Systems
153	114	B.E Mechanical Engineering	ME6602	Automobile Engineering
154	114	B.E Mechanical Engineering	ME6603	Finite Element Analysis
155	114	B.E Mechanical Engineering	ME6604	Gas Dynamics And Jet Propulsion
156	114	B.E Mechanical Engineering	ME6004	Unconventional Machining Processes

157	114	B.E Mechanical Engineering	ME6702	Mechatronics
158	114	B.E Mechanical Engineering	ME6703	Computer Integrated Manufacturing
159	114	B.E Mechanical Engineering	ME6005	Process Planning And Cost Estimation
160	114	B.E Mechanical Engineering	ME6010	Robotics
161	114	B.E Mechanical Engineering	MG6863	Engineering Economics
162	114	B.E Mechanical Engineering	MG6071	Entrepreneurship Development
163	114	B.E Mechanical Engineering	ME6016	Advanced I.C. Engines
164	115	B.E Mechatronics Engineering	CE8394	Fluid Mechanics And Machinery
165	115	B.E Mechatronics Engineering	MT8301	Electrical Machines And Drives
166	115	B.E Mechatronics Engineering	MT8302	Analog Devices And Circuits
167	115	B.E Mechatronics Engineering	MT8401	Thermodynamics And Heat Transfer
168	115	B.E Mechatronics Engineering	ME8392	Manufacturing Technology
169	115	B.E Mechatronics Engineering	MT6501	Sensors And Signal Processing
170	115	B.E Mechatronics Engineering	MF6505	Cnc Machining Technology
171	115	B.E Mechatronics Engineering	MT6502	Thermodynamics Principles And Applications
172	115	B.E Mechatronics Engineering	MT6601	Micro Controller And Plc

173	115	B.E Mechatronics Engineering	MT6602	Applied Hydraulics And Pneumatics
174	115	B.E Mechatronics Engineering	MT6603	Design Of Mechatronics System
175	115	B.E Mechatronics Engineering	MT6604	Object Oriented Programming In C++
176	115	B.E Mechatronics Engineering	MT6701	Medical Mechatronics
177	115	B.E Mechatronics Engineering	MT6702	Modeling And Simulation
178	115	B.E Mechatronics Engineering	MT6703	Robotics And Machine Vision System
179	115	B.E Mechatronics Engineering	MT6801	Automotive Electronics
180	401	M.E - Applied Electronics	MA5152	Applied Mathematics For Electronics Engineers
181	401	M.E - Applied Electronics	AP5151	Advanced Digital System Design
182	401	M.E - Applied Electronics	AP5152	Advanced Digital Signal Processing
183	401	M.E - Applied Electronics	AP5191	Embedded System Design
184	401	M.E - Applied Electronics	AP5101	Sensors, Actuators And Interface Electronics
185	401	M.E - Applied Electronics	CU5292	Electromagnetic Interference And Compatibility
186	401	M.E - Applied Electronics	AP5252	Soft Computing And Optimization Techniques
187	401	M.E - Applied Electronics	AP5252	Asic And Fpga Design
188	401	M.E - Applied Electronics	AP5291	Hardware – Software Co-Design

189		M.E - Applied Electronics	AP5004	High Performance Networks
109	401	W.E - Applied Electronics	Al 3004	Tright I citofinance Networks
190	401	M.E - Applied Electronics	AP5073	Rf System Design
191	401	M.E - Applied Electronics	AP5301	Advanced Microprocessors And Microcontrollers Architectures
192	401	M.E - Applied Electronics	CP5292	Internet Of Things
193	401	M.E - Applied Electronics	AP5007	Secure Computing Systems
194	402	M.E - CAD/CAM	ED5151	Computer Applications In Design
195	402	M.E - CAD/CAM	CC5291	Design For Manufacture, Assembly And Environments
196	402	M.E - CAD/CAM	CC7001	Computer Control In Process Planning
197	402	M.E - CAD/CAM	PD5251	Integrated Product Design And Process Development
198	402	M.E - CAD/CAM	CD5291	Computer Aided Tools For Manufacturing
199	402	M.E - CAD/CAM	ED5153	Advanced Finite Element Analysis
200	402	M.E - CAD/CAM	CC5003	Industrial Safety Management
201	402	M.E - CAD/CAM	CC5006	Quality Management Techniques
202	402	M.E - CAD/CAM	MA5156	Applied Mathematics For Engineers
203	402	M.E - CAD/CAM	CC5101	Competitive Manufacturing Systems
204	402	M.E - CAD/CAM	CC5292	Additive Manufacturing And Tooling

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205	402	M.E - CAD/CAM	ED5252	Mechanical Behavior Of Materials
206	402	M.E - CAD/CAM	ED5253	Integrated Mechanical Design
207	402	M.E - CAD/CAM	PD5091	Product Lifecycle Management
208	402	M.E - CAD/CAM	CC5005	Metrology And Non Destructive Testing
209	405	M.E - Computer Science and Engineering	MA5160	Applied Probability And Statistics
210	405	M.E - Computer Science and Engineering	CP5151	Advanced Data Structures And Algorithms
211	405	M.E - Computer Science and Engineering	CP5152	Advanced Computer Architecture
212	405	M.E - Computer Science and Engineering	CP5153	Operating System Internals
213	405	M.E - Computer Science and Engineering	CP5154	Advanced Software Engineering
214	405	M.E - Computer Science and Engineering	CP5191	Machine Learning Techniques
215	405	M.E - Computer Science and Engineering	CP5201	Network Design And Technologies
216	405	M.E - Computer Science and Engineering	CP5291	Security Practices
217	405	M.E - Computer Science and Engineering	CP5293	Big Data Analytics
218	405	M.E - Computer Science and Engineering	CP5093	Mobile And Pervasive Computing
219	405	M.E - Computer Science and Engineering	CP5005	Software Quality Assurance And Testing
220	405	M.E - Computer Science and Engineering	CP5074	Social Network Analysis

221	405	M.E - Computer Science and Engineering	CP5010	Reconfigurable Computing
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