

Annexure 3

Total No. of courses offered in 2020-21

Sr. No	Program Name	Course Name
1	BE Civil Engineering	Building Technology and Architectural Planning
2	BE Civil Engineering	Engg. Maths III
3	BE Civil Engineering	Mechanics of structure
4	BE Civil Engineering	Fluid Mechanics
5	BE Civil Engineering	Engineering Geology
6	BE Civil Engineering	Building Technology and Architectural Planning Lab
7	BE Civil Engineering	Mechanics of structure Lab
8	BE Civil Engineering	Fluid Mechanics Lab
9	BE Civil Engineering	Engineering Geology Lab
10	BE Civil Engineering	Audit Course -I
11	BE Civil Engineering	Geotechnical Engineering
12	BE Civil Engineering	Survey
13	BE Civil Engineering	Concrete Technology
14	BE Civil Engineering	Structural Analysis
15	BE Civil Engineering	Geotechnical Engineering Lab
16	BE Civil Engineering	Project management
17	BE Civil Engineering	Survey Lab
18	BE Civil Engineering	Concrete Technology Lab
19	BE Civil Engineering	Project Based Learning
20	BE Civil Engineering	Audit Course -II
21	BE Civil Engineering	Hydrology and Water Resource Engineering
22	BE Civil Engineering	Infrastructure Engineering
23	BE Civil Engineering	Structural Design I
24	BE Civil Engineering	Structural Analysis II
25	BE Civil Engineering	Fluid Mechanics II
26	BE Civil Engineering	Employable Skill Development
27	BE Civil Engineering	Advanced Surveying
28	BE Civil Engineering	Project Management and Engineering Economics
29	BE Civil Engineering	Foundation Engineering
30	BE Civil Engineering	Structural Design II
31	BE Civil Engineering	Environmental Engineering I
32	BE Civil Engineering	Seminar
33	BE Civil Engineering	Environmental Engineering II
34	BE Civil Engineering	Transportation Engineering
35	BE Civil Engineering	Structural Design III



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36	BE Civil Engineering	Elective I
37	BE Civil Engineering	Elective II
38	BE Civil Engineering	Project Phase I
39	BE Civil Engineering	Dams and Hydraulic Structures
40	BE Civil Engineering	Quantity Surveying, Contracts and Tenders
41	BE Civil Engineering	Elective III
42	BE Civil Engineering	Elective IV
43	BE Civil Engineering	Project Phase II
44	ME Civil Structures	Theory of Elasticity & Plasticity
45	ME Civil Structures	Structural Dynamics
46	ME Civil Structures	Advanced Design of Steel Structures
47	ME Civil Structures	Numerical Methods in Structural Engineering
48	ME Civil Structures	Elective I
49	ME Civil Structures	Lab Practice - I
50	ME Civil Structures	Finite Element Analysis
51	ME Civil Structures	Theory of Plates and Shells
52	ME Civil Structures	Advanced Design of Concrete Structures
53	ME Civil Structures	Elective II
54	ME Civil Structures	Lab Practice - II
55	ME Civil Structures	Seminar I
56	ME Civil Structures	Research Methodology
57	ME Civil Structures	Analysis of Design of Earthquake Resistant Structures
58	ME Civil Structures	Elective III
59	ME Civil Structures	Seminar II
60	ME Civil Structures	Project Stage I
61	ME Civil Structures	Seminar III
62	ME Civil Structures	Project Stage II
63	BE Electrical Engineering	Power Generation Technologies
64	BE Electrical Engineering	Engineering Mathematics-III
65	BE Electrical Engineering	Material Science
66	BE Electrical Engineering	Analog and Digital Electronics
67	BE Electrical Engineering	Electrical Measurements and Instrumentation
68	BE Electrical Engineering	Application of Mathematics in Electrical Engg.
69	BE Electrical Engineering	Soft Skill
70	BE Electrical Engineering	Audit Course -III
71	BE Electrical Engineering	Power System I
72	BE Electrical Engineering	Electrical Machines I
73	BE Electrical Engineering	Network Analysis
74	BE Electrical Engineering	Numerical Methods and Computer Programming
75	BE Electrical Engineering	Fundamentals of Microcontroller and Applications



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76	BE Electrical Engineering	Project Based Learning
77	BE Electrical Engineering	Audit Course -IV
78	BE Electrical Engineering	Industrial and Technology Management
79	BE Electrical Engineering	Advance Microcontroller and its Applications
80	BE Electrical Engineering	Electrical Machines II
81	BE Electrical Engineering	Power Electronics
82	BE Electrical Engineering	Electrical Installation, Maintenance and Testing
83	BE Electrical Engineering	Seminar & technical Communication
84	BE Electrical Engineering	Audit Course -III
85	BE Electrical Engineering	Power System II
86	BE Electrical Engineering	Control System I
87	BE Electrical Engineering	Utilization of Electrical Energy
88	BE Electrical Engineering	Design of Electrical Machines
89	BE Electrical Engineering	Energy Audit and Management
90	BE Electrical Engineering	Electrical Workshop
91	BE Electrical Engineering	Audit Course -IV
92	BE Electrical Engineering	Power System Operation and Control
93	BE Electrical Engineering	PLC and SCADA Applications
94	BE Electrical Engineering	Elective I
95	BE Electrical Engineering	Elective II
96	BE Electrical Engineering	Control System II
97	BE Electrical Engineering	Project-I
98	BE Electrical Engineering	Audit Course -V
99	BE Electrical Engineering	Switchgear and Protection
100	BE Electrical Engineering	Power Electronic controlled Drives
101	BE Electrical Engineering	Elective III
102	BE Electrical Engineering	Elective IV
103	BE Electrical Engineering	Project-II
104	BE Electrical Engineering	Audit Course -VI
105	BE E&TC Engineering	Engineering Mathematics III
106	BE E&TC Engineering	Electronic Circuits
107	BE E&TC Engineering	Digital Circuits
108	BE E&TC Engineering	Electrical Circuits
109	BE E&TC Engineering	Data structures
110	BE E&TC Engineering	Electronic Circuit Lab
111	BE E&TC Engineering	Digital circuits Lab
112	BE E&TC Engineering	Electrical Circuit Lab
113	BE E&TC Engineering	Data Structures Lab
114	BE E&TC Engineering	Electronic Skill Development
115	BE E&TC Engineering	Mandatory Audit Course 3

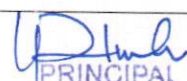


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116	BE E&TC Engineering	Signals & Systems
117	BE E&TC Engineering	Control Systems
118	BE E&TC Engineering	Principles of Communication Systems
119	BE E&TC Engineering	Object Oriented Programming
120	BE E&TC Engineering	Signals & Control System lab
121	BE E&TC Engineering	Principle of Communication Systems lab
122	BE E&TC Engineering	Object Oriented Programming Lab
123	BE E&TC Engineering	Data Analytics Lab
124	BE E&TC Engineering	Employability Skill Development
125	BE E&TC Engineering	Project Based Learning
126	BE E&TC Engineering	Mandatory Audit Course 4
127	BE E&TC Engineering	Digital Communication
128	BE E&TC Engineering	Digital Signal Processing
129	BE E&TC Engineering	Microcontrollers
130	BE E&TC Engineering	Electromagnetics
131	BE E&TC Engineering	Mechatronics
132	BE E&TC Engineering	Signal Processing and Communications LAB
133	BE E&TC Engineering	Microcontrollers and Mechatronics Lab
134	BE E&TC Engineering	Electronics System Design
135	BE E&TC Engineering	Business Management
136	BE E&TC Engineering	Information Theory and Coding Techniques
137	BE E&TC Engineering	System Programming and Operating Systems
138	BE E&TC Engineering	Advanced Processors
139	BE E&TC Engineering	Power and ITCT Lab
140	BE E&TC Engineering	Advanced Processors and System Programming Lab
141	BE E&TC Engineering	Employability Skills and Mini Project
142	BE E&TC Engineering	Power Electronics
143	BE E&TC Engineering	VLSI Design & Technology
144	BE E&TC Engineering	Computer Networks
145	BE E&TC Engineering	Radiation & Microwave Techniques
146	BE E&TC Engineering	Elective I
147	BE E&TC Engineering	Elective II
148	BE E&TC Engineering	Lab Practice-I
149	BE E&TC Engineering	Lab Practice-II
150	BE E&TC Engineering	Project Phase I
151	BE E&TC Engineering	Mobile Communication
152	BE E&TC Engineering	Broadband Communication Systems
153	BE E&TC Engineering	Elective III
154	BE E&TC Engineering	Elective IV
155	BE E&TC Engineering	Lab Practice-III




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156	BE E&TC Engineering	Lab Practice-IV
157	BE E&TC Engineering	Project Phase II
158	BE Information Technology	Discrete Mathematics
159	BE Information Technology	Logic Design and Computer Organization
160	BE Information Technology	Data Structures and Algorithms
161	BE Information Technology	Object Oriented Programming
162	BE Information Technology	Basics of Computer Network
163	BE Information Technology	Logic Design and Computer Organization lab
164	BE Information Technology	Data Structures and Algorithms lab
165	BE Information Technology	Object Oriented Programming lab
166	BE Information Technology	Soft skill lab
167	BE Information Technology	Mandatory Audit Course 3
168	BE Information Technology	Engineering Maths-III
169	BE Information Technology	Processor Architecture
170	BE Information Technology	Database Management system
171	BE Information Technology	Computer Graphics
172	BE Information Technology	Software Engineering
173	BE Information Technology	Programming Skill Development Lab
174	BE Information Technology	Database Management system lab
175	BE Information Technology	Computer Graphics lab
176	BE Information Technology	Project Based Learning
177	BE Information Technology	Mandatory Audit Course 4
178	BE Information Technology	Theory of Computation
179	BE Information Technology	Database Management system
180	BE Information Technology	Software Engineering & Project Management
181	BE Information Technology	Operating System
182	BE Information Technology	Human-Computer Interaction
183	BE Information Technology	Software lab-I
184	BE Information Technology	Software lab-II
185	BE Information Technology	Software lab-III
186	BE Information Technology	Audit Course 3
187	BE Information Technology	Computer Network Technology
188	BE Information Technology	Systems Programming
189	BE Information Technology	Design and Analysis of Algorithms
190	BE Information Technology	Cloud Computing
191	BE Information Technology	Data Science & Big Data Analytics
192	BE Information Technology	Software lab-IV
193	BE Information Technology	Software lab-V
194	BE Information Technology	Software lab-VI
195	BE Information Technology	Project based seminar



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196	BE Information Technology	Audit Course 4
197	BE Information Technology	Information and Cyber Security
198	BE Information Technology	Modeling learning and Applications
199	BE Information Technology	Software Design and Modeling
200	BE Information Technology	Elective – I
201	BE Information Technology	Elective – II
202	BE Information Technology	Computer lab- VII
203	BE Information Technology	Computer lab- VIII
204	BE Information Technology	Project Phase I
205	BE Information Technology	Audit Course -V
206	BE Information Technology	Distributed Computing System
207	BE Information Technology	Ubiquitous Computing
208	BE Information Technology	Elective – III
209	BE Information Technology	Elective – IV
210	BE Information Technology	Computer lab- IX
211	BE Information Technology	Computer lab- X
212	BE Information Technology	Project Work
213	BE Information Technology	Audit Course -VI
214	B E Mechanical	Solid Mechanics
215	B E Mechanical	Solid Modeling and Drafting
216	B E Mechanical	Engineering Thermodynamics
217	B E Mechanical	Engineering Materials and Metallurgy
218	B E Mechanical	Electrical and Electronics Engineering
219	B E Mechanical	Geometric Dimensioning and Tolerancing Lab
220	B E Mechanical	Audit Course-III
221	B E Mechanical	Engineering Mathematics - III
222	B E Mechanical	Kinematics of Machinery
223	B E Mechanical	Applied Thermodynamics
224	B E Mechanical	Fluid Mechanics
225	B E Mechanical	Manufacturing Processes
226	B E Mechanical	Machine Shop
227	B E Mechanical	Project Based Learning - II
228	B E Mechanical	Audit Course - IV
229	B E Mechanical	Design of Machine Elements – I
230	B E Mechanical	Heat Transfer
231	B E Mechanical	Theory of Machines-II
232	B E Mechanical	Turbo Machines
233	B E Mechanical	Metrology and Quality Control
234	B E Mechanical	Skill Development
235	B E Mechanical	Numerical Methods and Optimization



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236	B E Mechanical	Design of Machine Elements -II
237	B E Mechanical	Refrigeration and Air Conditioning
238	B E Mechanical	Mechatronics
239	B E Mechanical	Manufacturing Process-II
240	B E Mechanical	Machine Shop -II
241	B E Mechanical	Seminar
242	B E Mechanical	Audit Course*
243	B E Mechanical	Hydraulics and Pneumatics
244	B E Mechanical	CAD/ CAM Automation
245	B E Mechanical	Dynamics of Machinery
246	B E Mechanical	Elective-I
247	B E Mechanical	Elective -II
248	B E Mechanical	Project -I
249	B E Mechanical	Energy Engineering
250	B E Mechanical	Mechanical System Design
251	B E Mechanical	Elective-III
252	B E Mechanical	Elective- IV
253	B E Mechanical	Project - II
254	M E Mechanical	Advanced Mathematic
255	M E Mechanical	Material Science and Mechanical Behavior of Materials
256	M E Mechanical	Advanced Stress Analysis
257	M E Mechanical	Research Methodology
258	M E Mechanical	Elective I**
259	M E Mechanical	Lab Practice I
260	M E Mechanical	Analysis and Synthesis of Mechanisms
261	M E Mechanical	Advanced Mechanical Vibrations
262	M E Mechanical	Finite Element Method
263	M E Mechanical	Elective II
264	M E Mechanical	Lab Practice II
265	M E Mechanical	Seminar I
266	M E Mechanical	Optimization Techniques
267	M E Mechanical	Mechanical Measurement & Control
268	M E Mechanical	Elective III
269	M E Mechanical	Seminar II
270	M E Mechanical	Project Stage I
271	M E Mechanical	Seminar III
272	M E Mechanical	Project Stage II
273	FE Common	Engineering Mathematics-I
274	FE Common	Engineering Physics / Engineering Chemistry
275	FE Common	Systems in Mechanical Engineering



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276	FE Common	Basic Electrical Engineering / Basic Electronics Engineering
277	FE Common	Programming and Problem Solving / Engineering Mechanics
278	FE Common	Workshop
279	FE Common	Audit Course 1
280	FE Common	Engineering Mathematics-II
281	FE Common	Engineering Physics/ Engineering Chemistry
282	FE Common	Basic Electrical Engineering / Basic Electronics Engineering
283	FE Common	Programming and Problem Solving / Engineering Mechanics
284	FE Common	Engineering Graphics
285	FE Common	Project Based Learning
286	FE Common	Audit Course- 2




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