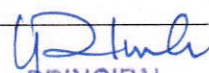


Annexure 3

Total No. of courses offered in 2019-20

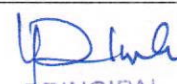
Sr. No	Program Name	Course Name
1	BE Civil Engineering	Building Technology and Materials
2	BE Civil Engineering	Engg. Maths III
3	BE Civil Engineering	Surveying
4	BE Civil Engineering	Strength of Material
5	BE Civil Engineering	Geotechnical Engineering
6	BE Civil Engineering	Fluid Mechanics I
7	BE Civil Engineering	Architectural Planning and Design of Buildings
8	BE Civil Engineering	Structural Analysis I
9	BE Civil Engineering	Engineering Geology
10	BE Civil Engineering	Concrete Technology
11	BE Civil Engineering	Soft Skill
12	BE Civil Engineering	Hydrology and Water Resource Engineering
13	BE Civil Engineering	Infrastructure Engineering
14	BE Civil Engineering	Structural Design I
15	BE Civil Engineering	Structural Analysis II
16	BE Civil Engineering	Fluid Mechanics II
17	BE Civil Engineering	Employable Skill Development
18	BE Civil Engineering	Advanced Surveying
19	BE Civil Engineering	Project Management and Engineering Economics
20	BE Civil Engineering	Foundation Engineering
21	BE Civil Engineering	Structural Design II
22	BE Civil Engineering	Environmental Engineering I
23	BE Civil Engineering	Seminar
24	BE Civil Engineering	Environmental Engineering II
25	BE Civil Engineering	Transportation Engineering
26	BE Civil Engineering	Structural Design III
27	BE Civil Engineering	Elective I
28	BE Civil Engineering	Elective II
29	BE Civil Engineering	Project Phase I
30	BE Civil Engineering	Dams and Hydraulic Structures
31	BE Civil Engineering	Quantity Surveying, Contracts and Tenders
32	BE Civil Engineering	Elective III
33	BE Civil Engineering	Elective IV
34	BE Civil Engineering	Project Phase II
35	ME Civil Structures	Theory of Elasticity & Plasticity




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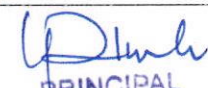
36	ME Civil Structures	Structural Dynamics
37	ME Civil Structures	Advanced Design of Steel Structures
38	ME Civil Structures	Numerical Methods in Structural Engineering
39	ME Civil Structures	Elective I
40	ME Civil Structures	Lab Practice - I
41	ME Civil Structures	Finite Element Analysis
42	ME Civil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




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75	BE Electrical Engineering	Control System I
76	BE Electrical Engineering	Utilization of Electrical Energy
77	BE Electrical Engineering	Design of Electrical Machines
78	BE Electrical Engineering	Energy Audit and Management
79	BE Electrical Engineering	Electrical Workshop
80	BE Electrical Engineering	Audit Course -IV
81	BE Electrical Engineering	Power System Operation and Control
82	BE Electrical Engineering	PLC and SCADA Applications
83	BE Electrical Engineering	Elective I
84	BE Electrical Engineering	Elective II
85	BE Electrical Engineering	Control System II
86	BE Electrical Engineering	Project-I
87	BE Electrical Engineering	Audit Course -V
88	BE Electrical Engineering	Switchgear and Protection
89	BE Electrical Engineering	Power Electronic controlled Drives
90	BE Electrical Engineering	Elective III
91	BE Electrical Engineering	Elective IV
92	BE Electrical Engineering	Project-II
93	BE Electrical Engineering	Audit Course -VI
94	BE E&TC Engineering	Signals & Systems
95	BE E&TC Engineering	Electronic Devices & Circuits
96	BE E&TC Engineering	Electrical Circuits and Machines
97	BE E&TC Engineering	Data Structures and Algorithms
98	BE E&TC Engineering	Digital Electronics
99	BE E&TC Engineering	Electronic Measuring Instruments & Tools
100	BE E&TC Engineering	Audit Course -I
101	BE E&TC Engineering	Engineering Mathematics III
102	BE E&TC Engineering	Integrated Circuits
103	BE E&TC Engineering	Control Systems
104	BE E&TC Engineering	Analog Communication
105	BE E&TC Engineering	Object Oriented Programming
106	BE E&TC Engineering	Employability Skill Development
107	BE E&TC Engineering	Audit Course -II
108	BE E&TC Engineering	Digital Communication
109	BE E&TC Engineering	Digital Signal Processing
110	BE E&TC Engineering	Microcontrollers
111	BE E&TC Engineering	Electromagnetics
112	BE E&TC Engineering	Mechatronics
113	BE E&TC Engineering	Signal Processing and Communications LAB




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114	BE E&TC Engineering	Microcontrollers and Mechatronics Lab
115	BE E&TC Engineering	Electronics System Design
116	BE E&TC Engineering	Business Management
117	BE E&TC Engineering	Information Theory and Coding Techniques
118	BE E&TC Engineering	System Programming and Operating Systems
119	BE E&TC Engineering	Advanced Processors
120	BE E&TC Engineering	Power and ITCT Lab
121	BE E&TC Engineering	Advanced Processors and System Programming Lab
122	BE E&TC Engineering	Employability Skills and Mini Project
123	BE E&TC Engineering	Power Electronics
124	BE E&TC Engineering	VLSI Design & Technology
125	BE E&TC Engineering	Computer Networks
126	BE E&TC Engineering	Radiation & Microwave Techniques
127	BE E&TC Engineering	Elective I
128	BE E&TC Engineering	Elective II
129	BE E&TC Engineering	Lab Practice-I
130	BE E&TC Engineering	Lab Practice-II
131	BE E&TC Engineering	Project Phase I
132	BE E&TC Engineering	Mobile Communication
133	BE E&TC Engineering	Broadband Communication Systems
134	BE E&TC Engineering	Elective III
135	BE E&TC Engineering	Elective IV
136	BE E&TC Engineering	Lab Practice-III
137	BE E&TC Engineering	Lab Practice-IV
138	BE E&TC Engineering	Project Phase II
139	BE Information Technology	Discrete Structures
140	BE Information Technology	Computer Organization & Architecture
141	BE Information Technology	Digital Electronics and Logic Design
142	BE Information Technology	Fundamentals of data structure
143	BE Information Technology	Problem solving and object oriented programming
144	BE Information Technology	Digital Lab
145	BE Information Technology	Programming Lab
146	BE Information Technology	Object oriented programming Lab
147	BE Information Technology	Communication Skill
148	BE Information Technology	Engineering Maths-III
149	BE Information Technology	Computer Graphics
150	BE Information Technology	Processor Architecture & Interfacing
151	BE Information Technology	Data Structures & Files
152	BE Information Technology	Foundations of Communication and Computer Network



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153	BE Information Technology	Processor Architecture Lab
154	BE Information Technology	Data Structures & Files lab
155	BE Information Technology	Computer Graphics lab
156	BE Information Technology	Theory of Computation
157	BE Information Technology	Database Management system
158	BE Information Technology	Software Engineering & Project Management
159	BE Information Technology	Operating System
160	BE Information Technology	Human-Computer Interaction
161	BE Information Technology	Software lab-I
162	BE Information Technology	Software lab-II
163	BE Information Technology	Software lab-III
164	BE Information Technology	Audit Course 3
165	BE Information Technology	Computer Network Technology
166	BE Information Technology	Systems Programming
167	BE Information Technology	Design and Analysis of Algorithms
168	BE Information Technology	Cloud Computing
169	BE Information Technology	Data Science & Big Data Analytics
170	BE Information Technology	Software lab-IV
171	BE Information Technology	Software lab-V
172	BE Information Technology	Software lab-VI
173	BE Information Technology	Project based seminar
174	BE Information Technology	Audit Course 4
175	BE Information Technology	Information and Cyber Security
176	BE Information Technology	Modeling learning and Applications
177	BE Information Technology	Software Design and Modeling
178	BE Information Technology	Elective – I
179	BE Information Technology	Elective – II
180	BE Information Technology	Computer lab- VII
181	BE Information Technology	Computer lab- VIII
182	BE Information Technology	Project Phase I
183	BE Information Technology	Audit Course -V
184	BE Information Technology	Distributed Computing System
185	BE Information Technology	Ubiquitous Computing
186	BE Information Technology	Elective – III
187	BE Information Technology	Elective – IV
188	BE Information Technology	Computer lab- IX
189	BE Information Technology	Computer lab- X
190	BE Information Technology	Project Work
191	BE Information Technology	Audit Course -VI




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192	B E Mechanical	Engineering Mathematics – III
193	B E Mechanical	Manufacturing Process-I
194	B E Mechanical	Computer Aided Machine Drawing
195	B E Mechanical	Thermodynamics
196	B E Mechanical	Material Science
197	B E Mechanical	Audit Course
198	B E Mechanical	Strength of Materials
199	B E Mechanical	Fluid Mechanics
200	B E Mechanical	Soft Skill
201	B E Mechanical	Theory of Machines – I
202	B E Mechanical	Engineering Metallurgy
203	B E Mechanical	Applied Thermodynamics
204	B E Mechanical	Electrical and Electronics Engineering
205	B E Mechanical	Machine Shop – I
206	B E Mechanical	Design of Machine Elements – I
207	B E Mechanical	Heat Transfer
208	B E Mechanical	Theory of Machines-II
209	B E Mechanical	Turbo Machines
210	B E Mechanical	Metrology and Quality Control
211	B E Mechanical	Skill Development
212	B E Mechanical	Numerical Methods and Optimization
213	B E Mechanical	Design of Machine Elements -II
214	B E Mechanical	Refrigeration and Air Conditioning
215	B E Mechanical	Mechatronics
216	B E Mechanical	Manufacturing Process-II
217	B E Mechanical	Machine Shop -II
218	B E Mechanical	Seminar
219	B E Mechanical	Audit Course*
220	B E Mechanical	Hydraulics and Pneumatics
221	B E Mechanical	CAD/ CAM Automation
222	B E Mechanical	Dynamics of Machinery
223	B E Mechanical	Elective-I
224	B E Mechanical	Elective –II
225	B E Mechanical	Project –I
226	B E Mechanical	Energy Engineering
227	B E Mechanical	Mechanical System Design
228	B E Mechanical	Elective-III
229	B E Mechanical	Elective- IV
230	B E Mechanical	Project – II




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231	M E Mechanical	Advanced Mathematic
232	M E Mechanical	Material Science and Mechanical Behavior of Materials
233	M E Mechanical	Advanced Stress Analysis
234	M E Mechanical	Research Methodology
235	M E Mechanical	Elective I**
236	M E Mechanical	Lab Practice I
237	M E Mechanical	Analysis and Synthesis of Mechanisms
238	M E Mechanical	Advanced Mechanical Vibrations
239	M E Mechanical	Finite Element Method
240	M E Mechanical	Elective II
241	M E Mechanical	Lab Practice II
242	M E Mechanical	Seminar I
243	M E Mechanical	Optimization Techniques
244	M E Mechanical	Mechanical Measurement & Control
245	M E Mechanical	Elective III
246	M E Mechanical	Seminar II
247	M E Mechanical	Project Stage I
248	M E Mechanical	Seminar III
249	M E Mechanical	Project Stage II
250	FE Common	Engineering Mathematics-I
251	FE Common	Engineering Physics / Engineering Chemistry
252	FE Common	Systems in Mechanical Engineering
253	FE Common	Basic Electrical Engineering / Basic Electronics Engineering
254	FE Common	Programming and Problem Solving / Engineering Mechanics
255	FE Common	Workshop
256	FE Common	Audit Course 1&
257	FE Common	Engineering Mathematics-II
258	FE Common	Engineering Physics/ Engineering Chemistry
259	FE Common	Basic Electrical Engineering / Basic Electronics Engineering
260	FE Common	Programming and Problem Solving / Engineering Mechanics
261	FE Common	Engineering Graphics
262	FE Common	Project Based Learning
263	FE Common	Audit Course- 2




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