


Annexure 3

Total No. of courses offered in 2016-17

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 & Technical Communication
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



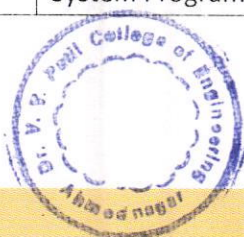

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35	ME Civil Structures	Advanced Mechanics of Solids
36	ME Civil Structures	Structural Dynamics
37	ME Civil Structures	Advanced Design of Steel Structures
38	ME Civil Structures	Research Methodology
39	ME Civil Structures	Elective I
40	ME Civil Structures	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	Earthquake Engineering and Disaster Management
48	ME Civil Structures	Design of RCC pre stressed Cement Concrete Bridges
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



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



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111	BE E&TC Engineering	Employability Skills in Electronics Design
112	BE E&TC Engineering	Information Theory and Coding Techniques
113	BE E&TC Engineering	Antenna and Wave Propagation
114	BE E&TC Engineering	Embedded Processors
115	BE E&TC Engineering	Industrial Management
116	BE E&TC Engineering	Power Electronics
117	BE E&TC Engineering	Communication lab
118	BE E&TC Engineering	Power Electronics & Embedded lab
119	BE E&TC Engineering	Mini project and Seminar
120	BE E&TC Engineering	VLSI Design & Technology
121	BE E&TC Engineering	Computer Networks
122	BE E&TC Engineering	Microwave Engineering
123	BE E&TC Engineering	Elective I
124	BE E&TC Engineering	Elective II
125	BE E&TC Engineering	Lab Practice-I
126	BE E&TC Engineering	Lab Practice-II
127	BE E&TC Engineering	Project Phase -I
128	BE E&TC Engineering	Mobile Communication
129	BE E&TC Engineering	Broadband Communication Systems
130	BE E&TC Engineering	Elective III
131	BE E&TC Engineering	Elective IV
132	BE E&TC Engineering	Lab Practice-III
133	BE E&TC Engineering	Lab Practice-IV
134	BE E&TC Engineering	Project Phase II
135	BE Information Technology	Discrete Structures
136	BE Information Technology	Computer Organization Architecture
137	BE Information Technology	Digital Electronics and Logic Dsign
138	BE Information Technology	Fundamentals of data structure
139	BE Information Technology	Problem solving and object oriented programming
140	BE Information Technology	Digital Lab
141	BE Information Technology	Programming Lab
142	BE Information Technology	Object oriented programming Lab
143	BE Information Technology	Communication Skill
144	BE Information Technology	Engineering Math's-III
145	BE Information Technology	Computer Graphics
146	BE Information Technology	Processor Architecture & Interfacing
147	BE Information Technology	Data Structures & Files



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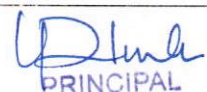
148	BE Information Technology	Foundations of Communication and Computer Network
149	BE Information Technology	Processor Architecture Lab
150	BE Information Technology	Data Structures & Files lab
151	BE Information Technology	Computer Graphics lab
152	BE Information Technology	Computer Network Technology
153	BE Information Technology	Theory of Computation
154	BE Information Technology	Database Management systems
155	BE Information Technology	Software Engineering
156	BE Information Technology	Web Engineering and Technology
157	BE Information Technology	Software Lab-I
158	BE Information Technology	Database Management systems Lab
159	BE Information Technology	Employability Skill Development lab
160	BE Information Technology	Design and Analysis of Algorithms
161	BE Information Technology	Systems Programming
162	BE Information Technology	Operating System
163	BE Information Technology	Multimedia Technologies
164	BE Information Technology	Information Tech Project Management
165	BE Information Technology	Operating System lab
166	BE Information Technology	Software Lab-II
167	BE Information Technology	Seminar & Technical Communication lab
168	BE Information Technology	Information and Cyber Security
169	BE Information Technology	Software Modeling and Design
170	BE Information Technology	Machine Learning
171	BE Information Technology	Elective – I
172	BE Information Technology	Elective – II
173	BE Information Technology	Software Lab-III
174	BE Information Technology	Software Lab-IV
175	BE Information Technology	Project Phase I
176	BE Information Technology	Distributed System
177	BE Information Technology	Advanced Databases
178	BE Information Technology	Elective – III
179	BE Information Technology	Elective – IV
180	BE Information Technology	Software Lab-V
181	BE Information Technology	Software Lab-VI
182	BE Information Technology	Project Work
183	B E Mechanical	Engineering Mathematics – III
184	B E Mechanical	Manufacturing Process-I
185	B E Mechanical	Computer Aided Machine Drawing



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186	B E Mechanical	Thermodynamics
187	B E Mechanical	Material Science
188	B E Mechanical	Audit Course
189	B E Mechanical	Strength of Materials
190	B E Mechanical	Fluid Mechanics
191	B E Mechanical	Soft Skill
192	B E Mechanical	Theory of Machines – I
193	B E Mechanical	Engineering Metallurgy
194	B E Mechanical	Applied Thermodynamics
195	B E Mechanical	Electrical and Electronics Engineering
196	B E Mechanical	Machine Shop – I
197	B E Mechanical	Design of Machine Elements – I
198	B E Mechanical	Heat Transfer
199	B E Mechanical	Theory of Machines-II
200	B E Mechanical	Hydraulics and Machines Pneumatics
201	B E Mechanical	Metrology and Quality Control
202	B E Mechanical	Skill Development
203	B E Mechanical	Numerical Methods and Optimization
204	B E Mechanical	Design of Machine Elements -II
205	B E Mechanical	Turbo Machines
206	B E Mechanical	Mechatronics
207	B E Mechanical	Manufacturing Process-II
208	B E Mechanical	Machine Shop -II
209	B E Mechanical	Seminar
210	B E Mechanical	Refrigeration and Air Conditioning
211	B E Mechanical	CAD/ CAM Automation
212	B E Mechanical	Dynamics of Machinery
213	B E Mechanical	Elective-I
214	B E Mechanical	Elective –II
215	B E Mechanical	Project –I
216	B E Mechanical	Power Plant Engineering
217	B E Mechanical	Mechanical System Design
218	B E Mechanical	Elective-III
219	B E Mechanical	Elective- IV
220	B E Mechanical	Project – II
221	M E Mechanical	Advanced Mathematic
222	M E Mechanical	Material Science and Mechanical Behavior of Materials
223	M E Mechanical	Advanced Stress Analysis




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224	M E Mechanical	Research Methodology
225	M E Mechanical	Elective I
226	M E Mechanical	Lab Practice I
227	M E Mechanical	Analysis and Synthesis of Mechanisms
228	M E Mechanical	Advanced Mechanical Vibrations
229	M E Mechanical	Finite Element Method
230	M E Mechanical	Elective II
231	M E Mechanical	Lab Practice II
232	M E Mechanical	Seminar I
233	M E Mechanical	Optimization Techniques
234	M E Mechanical	Mechanical Measurement & Control
235	M E Mechanical	Elective III
236	M E Mechanical	Seminar II
237	M E Mechanical	Project Stage I
238	M E Mechanical	Seminar III
239	M E Mechanical	Project Stage II
240	FE Common	Engineering Mathematics-I
241	FE Common	Engineering Physics / Engineering Chemistry
242	FE Common	Engineering Graphics-I
243	FE Common	Basic Electrical Engineering / Basic Electronics Engineering
244	FE Common	Basics Civil and Environmental Engg.
245	FE Common	Fundamentals of programming languages-I
246	FE Common	Workshop Practices
247	FE Common	Engineering Physics/ Engineering Chemistry
248	FE Common	Basic Mechanical Engineering
249	FE Common	Engineering Mechanics
250	FE Common	Basic Electrical Engineering / Basic Electronics Engineering
251	FE Common	Engineering Mathematics-II
252	FE Common	Fundamentals of programming languages-II
253	FE Common	Engineering Graphics-II
254	BE Instrumentation and Control	Process Instrumentation- I
255	BE Instrumentation and Control	Project Engineering & Management
256	BE Instrumentation and Control	Digital Control
257	BE Instrumentation and Control	Elective- I
258	BE Instrumentation and Control	Elective- II
259	BE Instrumentation and Control	Project Stage- I
260	BE Instrumentation and Control	Process Instrumentation- II
261	BE Instrumentation and Control	Industrial Automation
262	BE Instrumentation and Control	Elective- III



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263	BE Instrumentation and Control	Elective- IV
264	BE Instrumentation and Control	Project Work
265	BE Instrumentation and Control	Industrial Visit




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