


Annexure 3

Total No. of courses offered in 2017-18

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




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

34	BE Civil Engineering	Project Phase II
35	ME Civil Structures	Theory of Elasticity & Plasticity
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	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




[Signature]
PRINCIPAL

Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

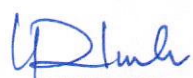
72	BE Electrical Engineering	Seminar & technical Communication
73	BE Electrical Engineering	Audit Course -III
74	BE Electrical Engineering	Power System II
75	BE Electrical Engineering	Control System I
76	BE Electrical Engineering	Utilization of Electrical Energy
77	BE Electrical Engineering	Design of Electrical Machines
78	BE Electrical Engineering	Energy Audit and Management
79	BE Electrical Engineering	Electrical Workshop
80	BE Electrical Engineering	Audit Course -III
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-II
87	BE Electrical Engineering	Switchgear and Protection
88	BE Electrical Engineering	Power Electronic controlled Drives
89	BE Electrical Engineering	Elective III
90	BE Electrical Engineering	Elective IV
91	BE Electrical Engineering	Project-II
92	BE E&TC Engineering	Signals & Systems
93	BE E&TC Engineering	Electronic Devices & Circuits
94	BE E&TC Engineering	Electrical Circuits and Machines
95	BE E&TC Engineering	Data Structures and Algorithms
96	BE E&TC Engineering	Digital Electronics
97	BE E&TC Engineering	Electronic Measuring Instruments & Tools
98	BE E&TC Engineering	Audit Course -I
99	BE E&TC Engineering	Engineering Mathematics III
100	BE E&TC Engineering	Integrated Circuits
101	BE E&TC Engineering	Control Systems
102	BE E&TC Engineering	Analog Communication
103	BE E&TC Engineering	Object Oriented Programming
104	BE E&TC Engineering	Employability Skill Development
105	BE E&TC Engineering	Audit Course -II
106	BE E&TC Engineering	Digital Communication
107	BE E&TC Engineering	Digital Signal Processing
108	BE E&TC Engineering	Microcontrollers
109	BE E&TC Engineering	Electromagnetics




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

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




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

148	BE Information Technology	Processor Architecture & Interfacing
149	BE Information Technology	Data Structures & Files
150	BE Information Technology	Foundations of Communication and Computer Network
151	BE Information Technology	Processor ArchitectureLab
152	BE Information Technology	Data Structures & Files lab
153	BE Information Technology	Computer Graphics lab
154	BE Information Technology	Theory of Computation
155	BE Information Technology	Database Management system
156	BE Information Technology	Software Engineering & Project Management
157	BE Information Technology	Operating System
158	BE Information Technology	Human-Computer Interaction
159	BE Information Technology	Software lab-I
160	BE Information Technology	Software lab-II
161	BE Information Technology	Software lab-III
162	BE Information Technology	Audit Course 3
163	BE Information Technology	Computer Network Technology
164	BE Information Technology	Systems Programming
165	BE Information Technology	Design and Analysis of Algorithms
166	BE Information Technology	Cloud Computing
167	BE Information Technology	Data Science & Big Data Analytics
168	BE Information Technology	Software lab-IV
169	BE Information Technology	Software lab-V
170	BE Information Technology	Software lab-VI
171	BE Information Technology	Project based seminar
172	BE Information Technology	Audit Course 4
173	BE Information Technology	Information and Cyber Security
174	BE Information Technology	Software Modeling and Design
175	BE Information Technology	Machine Learning
176	BE Information Technology	Elective – I
177	BE Information Technology	Elective – II
178	BE Information Technology	Software Lab-III
179	BE Information Technology	Software Lab-IV
180	BE Information Technology	Project Phase I
181	BE Information Technology	Distributed System
182	BE Information Technology	Advanced Databases
183	BE Information Technology	Elective – III
184	BE Information Technology	Elective – IV
185	BE Information Technology	Software Lab-V



[Signature]
PRINCIPAL

Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

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




[Signature]
PRINCIPAL

Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

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




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar