



RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

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3.1 Number of courses offered in all programmes

3.1 Number of courses offered in all Programmes year wise during the last five years		
S.No	Content	Page.No.
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1.	<u>Courses offered-2021-22</u>	3-54
2.	<u>Courses offered-2020-21</u>	55-105
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4.	<u>Courses offered-2018-19</u>	152-201
5.	<u>Courses offered-2017-18</u>	202-245



S. V. Prasad

Principal

PRINCIPAL
RAJALAKSHMI ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
THANDALAM, CHENNAI - 602 105.



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TO WHOMSOEVER IT MAY CONCERN

Date: 28.10.2022

This is to certify that the number of courses across all programmes offered during the last five years in our institution is as follows:

2021-22	2020-21	2019-20	2018-19	2017-18
731	743	756	688	648

S. V. Kumar
Principal



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List of courses offered across all programs during last five years

ACADEMIC YEAR 2021-22

S.No	Program Code	Program Name	Course code	Name of the Course
1	BY, CU, DS, ED, ET, MX	M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES, M.E. MEDICAL ELECTRONICS	AC19101	English for Research paper writing (Audit Course)
2	BY, CU, DS, ED, ET, MX	M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES, M.E. MEDICAL ELECTRONICS	AC19201	Constitution of India (Audit Course)
3	AE	B.E. AERONAUTICAL ENGINEERING	AE17701	Avionics
4	AE	B.E. AERONAUTICAL ENGINEERING	AE17702	Computational Fluid Dynamics
5	AE	B.E. AERONAUTICAL ENGINEERING	AE17703	Vibrations and Elements of Aeroelasticity
6	AE	B.E. AERONAUTICAL ENGINEERING	AE17704	Rockets and Missiles
7	AE	B.E. AERONAUTICAL ENGINEERING	AE17711	Flow Simulation Laboratory
8	AE	B.E. AERONAUTICAL ENGINEERING	AE17712	Avionics Laboratory
9	AE	B.E. AERONAUTICAL ENGINEERING	AE17713	Project Work (Phase I)

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10	AE	B.E. AERONAUTICAL ENGINEERING	AE17E71	Helicopter Dynamics
11	AE	B.E. AERONAUTICAL ENGINEERING	AE17E72	Combustion and Flames
12	AE	B.E. AERONAUTICAL ENGINEERING	AE17E73	Aircraft General Engineering and Maintenance Practices
13	AE	B.E. AERONAUTICAL ENGINEERING	AE17E74	Experimental stress Analysis
14	AE	B.E. AERONAUTICAL ENGINEERING	AE17E75	Space Mechanics
15	AE	B.E. AERONAUTICAL ENGINEERING	AE17E81	Boundary Layer Theory
16	AE	B.E. AERONAUTICAL ENGINEERING	AE17E82	Fatigue and Fracture
17	AE	B.E. AERONAUTICAL ENGINEERING	AE17E83	Air Traffic Control and Planning
18	AE	B.E. AERONAUTICAL ENGINEERING	AE17E84	Aero Engine Maintenance and Repair
19	AE	B.E. AERONAUTICAL ENGINEERING	AE17E85	Hypersonic Aerodynamics
20	AE	B.E. AERONAUTICAL ENGINEERING	AE17E86	Entrepreneurship Development
21	AE	B.E. AERONAUTICAL ENGINEERING	AE17E87	UAV Systems
22	AE	B.E. AERONAUTICAL ENGINEERING	AE17E88	Structural Dynamics
23	AE	B.E. AERONAUTICAL ENGINEERING	AE17E89	Spray Theory
24	AE	B.E. AERONAUTICAL ENGINEERING	AE17E90	Introduction to Product Development
25	AE	B.E. AERONAUTICAL ENGINEERING	AE19301	FUNDAMENTALS OF AEROSPACE ENGINEERING
26	AE	B.E. AERONAUTICAL ENGINEERING	AE19302	MECHANICS OF MACHINES
27	AE	B.E. AERONAUTICAL ENGINEERING	AE19311	COMPUTER AIDED MODELING LABORATORY
28	AE	B.E. AERONAUTICAL ENGINEERING	AE19341	FLUID MECHANICS AND FLUID MACHINERY
29	AE	B.E. AERONAUTICAL ENGINEERING	AE19342	SOLID MECHANICS



30	AE	B.E. AERONAUTICAL ENGINEERING	AE19401	AERODYNAMICS - I
31	AE	B.E. AERONAUTICAL ENGINEERING	AE19402	AIRCRAFT PERFORMANCE
32	AE	B.E. AERONAUTICAL ENGINEERING	AE19403	ADVANCED STRENGTH OF MATERIALS
33	AE	B.E. AERONAUTICAL ENGINEERING	AE19411	AERODYNAMICS LAB
34	AE	B.E. AERONAUTICAL ENGINEERING	AE19412	AIRCRAFT COMPONENT DRAWING
35	AE	B.E. AERONAUTICAL ENGINEERING	AE19441	AERO ENGINEERING THERMODYNAMICS
36	AE	B.E. AERONAUTICAL ENGINEERING	AE19442	AIRCRAFT MATERIALS AND PROCESSES
37	AE	B.E. AERONAUTICAL ENGINEERING	AE19501	AERODYNAMICS - II
38	AE	B.E. AERONAUTICAL ENGINEERING	AE19502	PROPULSION - I
39	AE	B.E. AERONAUTICAL ENGINEERING	AE19503	AIRCRAFT STABILITY AND CONTROL
40	AE	B.E. AERONAUTICAL ENGINEERING	AE19504	AIRCRAFT STRUCTURES
41	AE	B.E. AERONAUTICAL ENGINEERING	AE19511	AIRCRAFT STRUCTURES LAB
42	AE	B.E. AERONAUTICAL ENGINEERING	AE19512	AIRFRAME REPAIR AND AERO ENGINE LABORATORY
43	AE	B.E. AERONAUTICAL ENGINEERING	AE19541	AIRCRAFT SYSTEMS AND INSTRUMENTS
44	AE	B.E. AERONAUTICAL ENGINEERING	AE19601	FINITE ELEMENT METHOD
45	AE	B.E. AERONAUTICAL ENGINEERING	AE19602	PROPULSION - II
46	AE	B.E. AERONAUTICAL ENGINEERING	AE19603	CONTROL ENGINEERING
47	AE	B.E. AERONAUTICAL ENGINEERING	AE19611	JET PROPULSION LABORATORY
48	AE	B.E. AERONAUTICAL ENGINEERING	AE19612	INNOVATION AND DESIGN THINKING FOR ENGINEERS
49	AE	B.E. AERONAUTICAL ENGINEERING	AE19641	FLIGHT VEHICLE DESIGN



50	AE	B.E. AERONAUTICAL ENGINEERING	AE19721	SUMMER INTERNSHIP
51	AE, AT, AI, BT, BM,CS,C B,CD,CH, CE,EE,EC E,IT,FT, ME,MT,R O	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTER SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B,TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19101	Environmental Science and Engineering
52	AE, AT, AI, BT, BM,CS,C B,CD,CH, CE,EE,EC	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL	MC19102	Indian Constitution and Freedom Movement



	E,IT,FT, ME,MT,R O	INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTER SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B,TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION		
53	AE, AT, AI, BT, BM,CS,C B,CD,CH, CE,EE,EC E,IT,FT, ME,MT,R O	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTER SCIENCE & ENGINEERING	MC19301	Essence of Indian Traditional Knowledge



		B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B,TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION		
54	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	AI19341	Principles of Artificial Intelligence
55	AT	B.E.AUTOMOBILE ENGINEERING	AT17701	Engine and Vehicle Management System
56	AT	B.E.AUTOMOBILE ENGINEERING	AT17702	Intelligent Vehicle System
57	AT	B.E.AUTOMOBILE ENGINEERING	AT17711	Vehicle Maintenance Laboratory
58	AT	B.E.AUTOMOBILE ENGINEERING	AT17712	Computer Aided analysis of Automotive Components Laboratory
59	AT	B.E.AUTOMOBILE ENGINEERING	AT17713	Two and Three Wheelers Laboratory
60	AT	B.E.AUTOMOBILE ENGINEERING	AT17714	Technical Seminar/ Industrial Training/Comprehension
61	AT	B.E.AUTOMOBILE ENGINEERING	AT17811	Project Work
62	AT	B.E.AUTOMOBILE ENGINEERING	AT17E71	TWO AND THREE WHEELERS



63	AT	B.E.AUTOMOBILE ENGINEERING	AT17E72	Off road vehicles
64	AT	B.E.AUTOMOBILE ENGINEERING	AT17E75	Vehicle Maintenance
65	AT	B.E.AUTOMOBILE ENGINEERING	AT17E76	Transport Management
66	AT	B.E.AUTOMOBILE ENGINEERING	AT17E83	Vehicle Body Engineering
67	AT	B.E.AUTOMOBILE ENGINEERING	AT17E84	Instrumentation and Metrology
68	AT	B.E.AUTOMOBILE ENGINEERING	AT17E85	Automotive Safety
69	AT	B.E.AUTOMOBILE ENGINEERING	AT17E88	Automotive Aerodynamics
70	AT	B.E.AUTOMOBILE ENGINEERING	AT19311	Computer Aided Machine Drawing Laboratory
71	AT	B.E.AUTOMOBILE ENGINEERING	AT19341	Applied Thermodynamics
72	AT	B.E.AUTOMOBILE ENGINEERING	AT19342	Automotive Engines
73	AT	B.E.AUTOMOBILE ENGINEERING	AT19343	Strength of Materials for Automobile Engineers
74	AT	B.E.AUTOMOBILE ENGINEERING	AT19501	Machine Design
75	AT	B.E.AUTOMOBILE ENGINEERING	AT19502	Electric and Hybrid Vehicles - I
76	AT	B.E.AUTOMOBILE ENGINEERING	AT19521	Two and Three wheelers Laboratory
77	AT	B.E.AUTOMOBILE ENGINEERING	AT19522	Computer Aided Vehicle Design Data Characteristics Laboratory
78	AT	B.E.AUTOMOBILE ENGINEERING	AT19541	Automotive Electrical and Electronics
79	AT	B.E.AUTOMOBILE ENGINEERING	AT19542	Production Technology - II
80	AT	B.E.AUTOMOBILE ENGINEERING	AT19601	Electric and Hybrid Vehicles - II
81	AT	B.E.AUTOMOBILE ENGINEERING	AT19602	Automotive Pollution and Control
82	AT	B.E.AUTOMOBILE ENGINEERING	AT19611	Design Thinking and Innovation for Automobile Engineers



83	AT	B.E.AUTOMOBILE ENGINEERING	AT19641	Automotive System Design
84	AT	B.E.AUTOMOBILE ENGINEERING	AT19642	Automotive Fuels and Lubricants
85	AT	B.E.AUTOMOBILE ENGINEERING	AT19643	Vehicle Dynamics
86	AT	B.E.AUTOMOBILE ENGINEERING	AT19P53	Two and Three Wheelers (professional Elective - I)
87	AV	M.E. AVIONICS	AV19311	Project Work (Phase I)
88	AV	M.E. AVIONICS	AV19411	Project Work (Phase II)
89	BA	MASTER OF BUSINESS ADMINISTRATION	BA 19P51	Indian Models in Entrepreneurship
90	BA	MASTER OF BUSINESS ADMINISTRATION	BA 19P53	E - Retailing
91	BA	MASTER OF BUSINESS ADMINISTRATION	BA19101	Principles of Management and Business Environment
92	BA	MASTER OF BUSINESS ADMINISTRATION	BA19102	Managerial Economics, Indian Economy and Policy
93	BA	MASTER OF BUSINESS ADMINISTRATION	BA19103	Statistical Methods
94	BA	MASTER OF BUSINESS ADMINISTRATION	BA19104	Indian Ethos, Business Ethics, CSR & Governance
95	BA	MASTER OF BUSINESS ADMINISTRATION	BA19105	Organizational Behaviour
96	BA	MASTER OF BUSINESS ADMINISTRATION	BA19106	Financial Reporting, Statements and Analysis
97	BA	MASTER OF BUSINESS ADMINISTRATION	BA19107	Legal Aspects of Business
98	BA	MASTER OF BUSINESS ADMINISTRATION	BA19108	Business Communication
99	BA	MASTER OF BUSINESS ADMINISTRATION	BA19201	Operations Management
100	BA	MASTER OF BUSINESS ADMINISTRATION	BA19202	Corporate Strategy and Entrepreneurship
101	BA	MASTER OF BUSINESS ADMINISTRATION	BA19203	Marketing Management
102	BA	MASTER OF BUSINESS ADMINISTRATION	BA19204	Financial Management



103	BA	MASTER OF BUSINESS ADMINISTRATION	BA19205	Human Resources Management
104	BA	MASTER OF BUSINESS ADMINISTRATION	BA19206	Marketing Research
105	BA	MASTER OF BUSINESS ADMINISTRATION	BA19207	Applied Operations Research
106	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	BA19208	Fundamentals of Economics
107	BA	MASTER OF BUSINESS ADMINISTRATION	BA19211	Computer Applications for Business
108	BA	MASTER OF BUSINESS ADMINISTRATION	BA19311	Summer Training (EEC)
109	BA	MASTER OF BUSINESS ADMINISTRATION	BA19411	Project work (EEC)
110	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	BA19501	Fundamentals of Management
111	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	BA19502	Business Strategy
112	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	BA19601	Financial & Cost Accounting
113	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	BA19602	Fundamentals of Accounting
114	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P01	Consumer Behaviour
115	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P03	Retail Management
116	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P04	Product and Brand Management
117	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P05	Integrated Marketing Communication Strategy
118	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P07	Services Marketing
119	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P11	Investment Analysis, Portfolio Management & Financial Planning
120	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P12	Managing Banks and Financial Institutions



121	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P13	FinTech and Blockchain Applications in Finance
122	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P15	Financial Derivatives
123	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P16	Financial Markets and Institutions
124	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P21	Manpower Planning, Recruitment, and Selection
125	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P22	Employee Relations & Labour laws
126	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P24	Performance Management Systems
127	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P25	Organisational Leadership
128	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P26	Strategic HRM
129	BM	B.E. BIOMEDICAL ENGINEERING	BM17501	Principles of Communication Systems
130	BM	B.E. BIOMEDICAL ENGINEERING	BM17502	Biocontrol Systems
131	BM	B.E. BIOMEDICAL ENGINEERING	BM17511	Microprocessor, Microcontroller and System Design Laboratory
132	BM	B.E. BIOMEDICAL ENGINEERING	BM17601	Digital Signal Processing Techniques
133	BM	B.E. BIOMEDICAL ENGINEERING	BM17602	Diagnostic Equipment
134	BM	B.E. BIOMEDICAL ENGINEERING	BM17603	Biomechanics
135	BM	B.E. BIOMEDICAL ENGINEERING	BM17604	Medical Physics
136	BM	B.E. BIOMEDICAL ENGINEERING	BM17605	Therapeutic Equipment
137	BM	B.E. BIOMEDICAL ENGINEERING	BM17611	Digital Signals and Processing Laboratory
138	BM	B.E. BIOMEDICAL ENGINEERING	BM17612	Diagnostic and Therapeutic Equipment Laboratory
139	BM	B.E. BIOMEDICAL ENGINEERING	BM17701	Physiological Modeling
140	BM	B.E. BIOMEDICAL ENGINEERING	BM17702	Digital Image Processing Techniques



141	BM	B.E. BIOMEDICAL ENGINEERING	BM17703	Radiological Equipment
142	BM	B.E. BIOMEDICAL ENGINEERING	BM17704	Biomaterials and Applications
143	BM	B.E. BIOMEDICAL ENGINEERING	BM17711	Digital Image Processing Laboratory
144	BM	B.E. BIOMEDICAL ENGINEERING	BM17712	Hospital Training
145	BM	B.E. BIOMEDICAL ENGINEERING	BM17713	Comprehension
146	BM	B.E. BIOMEDICAL ENGINEERING	BM17811	Project Work
147	BM	B.E. BIOMEDICAL ENGINEERING	BM17E10	Medical Optics
148	BM	B.E. BIOMEDICAL ENGINEERING	BM17E13	Rehabilitation Engineering
149	BM	B.E. BIOMEDICAL ENGINEERING	BM17E22	Medical Informatics
150	BM	B.E. BIOMEDICAL ENGINEERING	BM17E27	Wearable Systems
151	BM	B.E. BIOMEDICAL ENGINEERING	BM17E28	Telehealth Technology
152	BM	B.E. BIOMEDICAL ENGINEERING	BM19241	Electric Circuits and Electron Devices
153	BM	B.E. BIOMEDICAL ENGINEERING	BM19301	Human Anatomy and Physiology
154	BM	B.E. BIOMEDICAL ENGINEERING	BM19302	Biochemical Science
155	BM	B.E. BIOMEDICAL ENGINEERING	BM19311	Biochemistry and Physiology Laboratory
156	BM	B.E. BIOMEDICAL ENGINEERING	BM19341	Electronic Circuits
157	BM	B.E. BIOMEDICAL ENGINEERING	BM19342	Sensors and Measurements
158	BM	B.E. BIOMEDICAL ENGINEERING	BM19343	Electric fields and Machines
159	BM	B.E. BIOMEDICAL ENGINEERING	BM19401	Biomedical Instrumentation
160	BM	B.E. BIOMEDICAL ENGINEERING	BM19402	Analog and Digital Integrated Circuits



161	BM	B.E. BIOMEDICAL ENGINEERING	BM19403	Principles of Communication Systems
162	BM	B.E. BIOMEDICAL ENGINEERING	BM19411	Analog and Digital Integrated Circuits Lab
163	BM	B.E. BIOMEDICAL ENGINEERING	BM19421	PCB Design Laboratory
164	BM	B.E. BIOMEDICAL ENGINEERING	BM19441	Pathology and Microbiology
165	BM	B.E. BIOMEDICAL ENGINEERING	BM19501	Biocontrol systems
166	BM	B.E. BIOMEDICAL ENGINEERING	BM19511	Biomedical Instrumentation Laboratory
167	BM	B.E. BIOMEDICAL ENGINEERING	BM19541	Signals and Systems Analysis
168	BM	B.E. BIOMEDICAL ENGINEERING	BM19542	Microprocessor, Microcontroller and Embedded System Design
169	BM	B.E. BIOMEDICAL ENGINEERING	BM19601	Diagnostic and Therapeutic Equipment
170	BM	B.E. BIOMEDICAL ENGINEERING	BM19602	Biomechanics
171	BM	B.E. BIOMEDICAL ENGINEERING	BM19611	Diagnostic and Therapeutic Equipment Laboratory
172	BM	B.E. BIOMEDICAL ENGINEERING	BM19612	Medical Industrial Training
173	BM	B.E. BIOMEDICAL ENGINEERING	BM19641	Digital Signal Processing Techniques
174	BM	B.E. BIOMEDICAL ENGINEERING	BM19642	Innovation and Design thinking for Biomedical Engineers
175	BT	B.Tech BIOTECHNOLOGY	BT19201	Biochemistry
176	BT	B.Tech BIOTECHNOLOGY	BT19211	Biochemistry Laboratory
177	BT	B.Tech BIOTECHNOLOGY	BT19301	Microbiology
178	BT	B.Tech BIOTECHNOLOGY	BT19302	Enzyme Technology and Bio transformations
179	BT	B.Tech BIOTECHNOLOGY	BT19303	Cell Biology
180	BT	B.Tech BIOTECHNOLOGY	BT19304	Stoichiometry and Thermodynamics



181	BT	B.Tech BIOTECHNOLOGY	BT19305	Basic Industrial Biotechnology
182	BT	B.Tech BIOTECHNOLOGY	BT19311	Microbiology Laboratory
183	BT	B.Tech BIOTECHNOLOGY	BT19312	Basic Biotechnology Laboratory
184	BT	B.Tech BIOTECHNOLOGY	BT19401	Analytical Techniques in Biotechnology
185	BT	B.Tech BIOTECHNOLOGY	BT19402	Fluid Mechanics and Heat transfer
186	BT	B.Tech BIOTECHNOLOGY	BT19403	Food Biotechnology
187	BT	B.Tech BIOTECHNOLOGY	BT19411	Heat and Mass Transfer Laboratory
188	BT	B.Tech BIOTECHNOLOGY	BT19412	Food Processing and Preservation Laboratory
189	BT	B.Tech BIOTECHNOLOGY	BT19501	Bioprocess Principles
190	BT	B.Tech BIOTECHNOLOGY	BT19502	Molecular Biology
191	BT	B.Tech BIOTECHNOLOGY	BT19503	Separation Process Principles
192	BT	B.Tech BIOTECHNOLOGY	BT19504	Immunology
193	BT	B.Tech BIOTECHNOLOGY	BT19511	Bioprocess Laboratory- I
194	BT	B.Tech BIOTECHNOLOGY	BT19512	Immunology Laboratory
195	BT	B.Tech BIOTECHNOLOGY	BT19601	Bioprocess Technology
196	BT	B.Tech BIOTECHNOLOGY	BT19602	Genetic Engineering
197	BT	B.Tech BIOTECHNOLOGY	BT19603	Chemical Reaction Engineering
198	BT	B.Tech BIOTECHNOLOGY	BT19604	Innovation and Design Thinking for Biotechnologists
199	BT	B.Tech BIOTECHNOLOGY	BT19611	Bioprocess Laboratory II
200	BT	B.Tech BIOTECHNOLOGY	BT19612	Molecular Biology and Genetic Engineering Laboratory



201	BT	B.Tech BIOTECHNOLOGY	BT19613	Numerical Programming for Biotechnologists
202	BT	B.Tech BIOTECHNOLOGY	BT19614	Industry Training
203	BT	B.Tech BIOTECHNOLOGY	BT19701	Downstream Processing
204	BT	B.Tech BIOTECHNOLOGY	BT19702	Bioinformatics
205	BT	B.Tech BIOTECHNOLOGY	BT19703	Protein Engineering
206	BT	B.Tech BIOTECHNOLOGY	BT19711	Downstream Processing Laboratory
207	BT	B.Tech BIOTECHNOLOGY	BT19712	Bioinformatics Laboratory
208	BT	B.Tech BIOTECHNOLOGY	BT19801	Project Work
209	BY	M.TECH BIOTECHNOLOGY	BY19101	Advanced Genetic Engineering
210	BY	M.TECH BIOTECHNOLOGY	BY19102	Enzyme Technology and Fermentation Technology
211	BY	M.TECH BIOTECHNOLOGY	BY19103	Bioinformatics and Applications
212	BY	M.TECH BIOTECHNOLOGY	BY19111	Preparative and Analytical Techniques in Biotechnology
213	BY	M.TECH BIOTECHNOLOGY	BY19201	Bio separation Technology
214	BY	M.TECH BIOTECHNOLOGY	BY19202	Bioreaction Engineering
215	BY	M.TECH BIOTECHNOLOGY	BY19203	Biopharmaceuticals and Biosimilars
216	BY	M.TECH BIOTECHNOLOGY	BY19204	Immunotechnology
217	BY	M.TECH BIOTECHNOLOGY	BY19205	Advanced Genomics and Proteomics
218	BY	M.TECH BIOTECHNOLOGY	BY19211	Immunotechnology Laboratory
219	BY	M.TECH BIOTECHNOLOGY	BY19311	Advanced Molecular Biology and Genetic Engineering Laboratory
220	BY	M.TECH BIOTECHNOLOGY	BY19312	Bioprocess and Downstream processing laboratory



221	BY	M.TECH BIOTECHNOLOGY	BY19313	Project Phase I
222	BY	M.TECH BIOTECHNOLOGY	BY19411	Project Phase II
223	BY	M.TECH BIOTECHNOLOGY	BY19P11	Molecular concepts in Biotechnology (For Engineering Stream)
224	BY	M.TECH BIOTECHNOLOGY	BY19P12	Analytical Techniques in Biotechnology
225	BY	M.TECH BIOTECHNOLOGY	BY19P14	Oncogenetics
226	BY	M.TECH BIOTECHNOLOGY	BY19P15	Advances in Animal Biotechnology
227	BY	M.TECH BIOTECHNOLOGY	BY19P18	Food Science and Technology
228	BY	M.TECH BIOTECHNOLOGY	BY19P21	Bionanotechnology
229	BY	M.TECH BIOTECHNOLOGY	BY19P23	Advances in Molecular Pathogenesis
230	BY	M.TECH BIOTECHNOLOGY	BY19P26	Tissue Engineering
231	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19141	Fundamentals of Computer Science
232	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19241	Data Structures & Algorithms
233	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19301	Formal Language and Automata Theory
234	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19302	Computer Organization & Architecture
235	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19341	Object Oriented Programming
236	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19342	Computational Statistics
237	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19343	Software Engineering



238	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19401	Introduction to Innovation, IP Management & Entrepreneurship
239	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19441	Operating System Concepts
240	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19442	Database Technology
241	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19443	Software Design with UML
242	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19501	Design Thinking
243	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19511	Innovative Project Lab for Computer Science and Business Systems
244	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19541	Analysis of Algorithms and Design
245	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19542	Compiler Design Techniques
246	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19611	Industrial Project
247	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19641	Computer Network Technology
248	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19642	Information Security
249	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19643	Artificial Intelligence
250	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19P43	Machine Learning
251	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19P46	Data Mining and Analytics



252	CD	B.E. COMPUTER SCIENCE AND DESIGN	CD19141	Design Drawing and Visualization
253	CD	B.E. COMPUTER SCIENCE AND DESIGN	CD19201	Visual Design and Communication
254	CE	B.E. CIVIL ENGINEERING	CE17701	Estimation, Costing and Valuation Engineering
255	CE	B.E. CIVIL ENGINEERING	CE17702	Railways, Airports, Docks and Harbour Engineering
256	CE	B.E. CIVIL ENGINEERING	CE17703	Structural Design and Drawing
257	CE	B.E. CIVIL ENGINEERING	CE17711	Creative and Innovative Project
258	CE	B.E. CIVIL ENGINEERING	CE17712	Industrial Training
259	CE	B.E. CIVIL ENGINEERING	CE17713	Computer Aided Design and Drafting Laboratory
260	CE	B.E. CIVIL ENGINEERING	CE17811	Project Work
261	CE	B.E. CIVIL ENGINEERING	CE17E72	Comprehension in Civil Engineering
262	CE	B.E. CIVIL ENGINEERING	CE17E75	Pavement Engineering
263	CE	B.E. CIVIL ENGINEERING	CE17E77	Traffic Engineering and Management
264	CE	B.E. CIVIL ENGINEERING	CE17E79	Municipal Solid Waste Management
265	CE	B.E. CIVIL ENGINEERING	CE17E81	Water Resources Engineering
266	CE	B.E. CIVIL ENGINEERING	CE17E87	Maintenance, Repair and Rehabilitation of Structures
267	CE	B.E. CIVIL ENGINEERING	CE17E89	Prefabricated Structures
268	CE	B.E. CIVIL ENGINEERING	CE19211	Computer Aided Building Drawing
269	CE	B.E. CIVIL ENGINEERING	CE19302	Construction Materials, Techniques and Practices
270	CE	B.E. CIVIL ENGINEERING	CE19303	Strength of Materials I
271	CE	B.E. CIVIL ENGINEERING	CE19304	Fluid Mechanics



272	CE	B.E. CIVIL ENGINEERING	CE19311	Construction Materials Laboratory
273	CE	B.E. CIVIL ENGINEERING	CE19312	Strength of Materials laboratory
274	CE	B.E. CIVIL ENGINEERING	CE19401	Strength of Materials II
275	CE	B.E. CIVIL ENGINEERING	CE19402	Applied Hydraulic Engineering
276	CE	B.E. CIVIL ENGINEERING	CE19403	Surveying
277	CE	B.E. CIVIL ENGINEERING	CE19411	Surveying Laboratory
278	CE	B.E. CIVIL ENGINEERING	CE19501	Design of Reinforced Concrete Elements
279	CE	B.E. CIVIL ENGINEERING	CE19502	Traffic and Highway Engineering
280	CE	B.E. CIVIL ENGINEERING	CE19503	Structural Analysis I
281	CE	B.E. CIVIL ENGINEERING	CE19504	Soil Mechanics
282	CE	B.E. CIVIL ENGINEERING	CE19505	Water Supply Engineering
283	CE	B.E. CIVIL ENGINEERING	CE19511	Soil Mechanics Laboratory
284	CE	B.E. CIVIL ENGINEERING	CE19512	Survey Camp*
285	CE	B.E. CIVIL ENGINEERING	CE19601	Design of Steel Structures
286	CE	B.E. CIVIL ENGINEERING	CE19602	Structural Analysis II
287	CE	B.E. CIVIL ENGINEERING	CE19603	Foundation Engineering
288	CE	B.E. CIVIL ENGINEERING	CE19604	Waste Water Engineering
289	CE	B.E. CIVIL ENGINEERING	CE19611	Industrial Internship
290	CE	B.E. CIVIL ENGINEERING	CE19613	Innovation and Design thinking for Civil Engineers
291	CE	B.E. CIVIL ENGINEERING	CE19614	Highway Engineering Laboratory



292	CE	B.E. CIVIL ENGINEERING	CE19P61	Remote Sensing and Geographic Information System
293	CE	B.E. CIVIL ENGINEERING	CE19P62	Concrete Technology
294	CE	B.E. CIVIL ENGINEERING	CE19P67	Railways, Airports and Harbour Engineering
295	CH	B.Tech CHEMICAL ENGINEERING	CH19301	Solid Mechanics
296	CH	B.Tech CHEMICAL ENGINEERING	CH19302	Chemical Process Calculations
297	CH	B.Tech CHEMICAL ENGINEERING	CH19341	Fluid Mechanics for Chemical Engineers
298	CH	B.Tech CHEMICAL ENGINEERING	CH19401	Chemical Process Industries
299	CH	B.Tech CHEMICAL ENGINEERING	CH19402	Thermodynamics
300	CH	B.Tech CHEMICAL ENGINEERING	CH19403	Heat Transfer
301	CH	B.Tech CHEMICAL ENGINEERING	CH19441	Particle science and Technology
302	CH	B.Tech CHEMICAL ENGINEERING	CH19501	Process Engineering Economics
303	CH	B.Tech CHEMICAL ENGINEERING	CH19502	Chemical Engineering Thermodynamics
304	CH	B.Tech CHEMICAL ENGINEERING	CH19503	Mass Transfer I
305	CH	B.Tech CHEMICAL ENGINEERING	CH19504	Chemical Reaction Engineering I
306	CH	B.Tech CHEMICAL ENGINEERING	CH19511	Heat Transfer Lab
307	CH	B.Tech CHEMICAL ENGINEERING	CH19601	Mass Transfer II
308	CH	B.Tech CHEMICAL ENGINEERING	CH19602	Chemical Reaction Engineering II
309	CH	B.Tech CHEMICAL ENGINEERING	CH19603	Process Control
310	CH	B.Tech CHEMICAL ENGINEERING	CH19611	Process Equipment Design
311	CH	B.Tech CHEMICAL ENGINEERING	CH19612	Mass Transfer Lab



312	CH	B.Tech CHEMICAL ENGINEERING	CH19613	Innovation and Design Thinking for Chemical Engineers
313	CH	B.Tech CHEMICAL ENGINEERING	CH19701	Transport Phenomena
314	CH	B.Tech CHEMICAL ENGINEERING	CH19702	Comprehensive Chemical Engineering
315	CH	B.Tech CHEMICAL ENGINEERING	CH19703	Computer Applications in Chemical Engineering
316	CH	B.Tech CHEMICAL ENGINEERING	CH19711	Chemical Reaction Engineering lab
317	CH	B.Tech CHEMICAL ENGINEERING	CH19712	Process Control Lab
318	CH	B.Tech CHEMICAL ENGINEERING	CH19713	Computer Applications In Chemical Engineering Lab
319	CH	B.Tech CHEMICAL ENGINEERING	CH19811	Seminar
320	CH	B.Tech CHEMICAL ENGINEERING	CH19812	Project
321	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19311	Project Phase – I
322	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19411	Project Phase – II
323	CU, DS, ET,ED	M.E. COMMUNICATION SYSTEMS, M.TECH DATA SCIENCE, M.E. EMBEDDED SYSTEM TECHNOLOGIES M.E. ENGINEERING DESIGN	CP19031	Business Analytics
324	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P07	Web Search and Information Retrieval
325	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P08	User Interface Design
326	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P12	Mobile Application and Services
327	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS17504	Cryptography and Network Security
328	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS17701	Resource Management Techniques
329	CS, IT	B.E. COMPUTER SCIENCE AND ENGINEERING,	CS17702	Cloud Computing



		B.Tech INFORMATION TECHNOLOGY		
330	CS, IT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17711	Cloud Computing Laboratory
331	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS17811	Project Work
332	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS17E77	Comprehension in Computer Science Engineering
333	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS17E83	Cyber Forensics
334	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS17E85	Business Intelligence and Applications
335	AI, CS	B.Tech Artificial Intelligence and Machine Learning, B.E. COMPUTER SCIENCE AND ENGINEERING	CS19211	Python Programming Lab
336	AI, BM, CD, CS, EE, EC	B.Tech Artificial Intelligence and Machine Learning, B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS19241	Data Structures
337	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19301	Computer Architecture
338	CS, IT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS19341	Design and Analysis of Algorithms
339	CS, MT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.E. MECHATRONICS	CS19342	Object Oriented Programming Paradigm



340	CH, EC, RO	B.Tech CHEMICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. ROBOTICS & AUTOMATION	CS19411	Python Programming for Machine Learning
341	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19441	Operating Systems
342	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19442	Software Engineering Concepts
343	CS, IT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS19443	Database Management Systems
344	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19501	Theory of Computation
345	CS, IT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS19541	Computer Networks
346	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19542	Internet Programming
347	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19601	Fundamentals of Mobile Computing
348	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19611	Mobile Application Development Laboratory
349	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19612	Innovative Project Lab for Computer Engineers
350	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19641	Compiler Design
351	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19642	Cryptography and Network Security
352	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19643	Foundations of Machine Learning
353	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19P11	Internet of Things Essentials
354	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	CS19P15	Data Mining
355	CU	M.E. COMMUNICATION SYSTEMS	CU19101	Advanced Radiation Systems



356	CU	M.E. COMMUNICATION SYSTEMS	CU19103	Advanced Digital Communication Techniques
357	CU	M.E. COMMUNICATION SYSTEMS	CU19111	Communication Systems Laboratory
358	CU	M.E. COMMUNICATION SYSTEMS	CU19141	Advanced Digital Signal Processing
359	CU	M.E. COMMUNICATION SYSTEMS	CU19202	MIC and RF System Design
360	CU	M.E. COMMUNICATION SYSTEMS	CU19203	Communication System Modeling and Simulation
361	CU	M.E. COMMUNICATION SYSTEMS	CU19211	RF System Design Laboratory
362	CU	M.E. COMMUNICATION SYSTEMS	CU19301	Wireless Ad Hoc and Sensor Networks
363	CU	M.E. COMMUNICATION SYSTEMS	CU19311	Project Work (Phase I)
364	CU	M.E. COMMUNICATION SYSTEMS	CU19411	Project Work (Phase II)
365	CU	M.E. COMMUNICATION SYSTEMS	CU19P13	MEMS and NEMS
366	CU	M.E. COMMUNICATION SYSTEMS	CU19P23	Cognitive Radio
367	CU	M.E. COMMUNICATION SYSTEMS	CU19P32	Digital Image and Video processing
368	CU	M.E. COMMUNICATION SYSTEMS	CU19P42	Internetworking Multimedia
369	BT, CH, FT	B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.Tech FOOD TECHNOLOGY	CY19141	Chemistry for Technologists
370	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CY19142	Chemistry For Electronics Engineering
371	CS, EE, IT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CY19143	Applied Chemistry



372	AE,AT,M E,MT,RO	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	CY19241	ENGINEERING CHEMISTRY
373	CH	B.Tech CHEMICAL ENGINEERING	CY19242	Physical Chemistry
374	CH	B.Tech CHEMICAL ENGINEERING	CY19301	Organic Chemistry
375	DS	M.TECH DATA SCIENCE	DS19101	Programming for Data Science
376	DS	M.TECH DATA SCIENCE	DS19102	Advanced Data Structures and Algorithmic methods
377	DS	M.TECH DATA SCIENCE	DS19103	Data Analysis and Visualization
378	DS	M.TECH DATA SCIENCE	DS19104	Scalable Systems for Data Science
379	DS	M.TECH DATA SCIENCE	DS19111	Advanced Data Structures and Algorithmic Laboratory
380	DS	M.TECH DATA SCIENCE	DS19112	Data Analysis and using Python Laboratory
381	DS	M.TECH DATA SCIENCE	DS19201	Big Data Analytics and Tools
382	DS	M.TECH DATA SCIENCE	DS19202	Cloud Computing Technologies
383	DS	M.TECH DATA SCIENCE	DS19203	MACHINE LEARNING TECHNIQUES
384	DS	M.TECH DATA SCIENCE	DS19204	Computer Vision
385	DS	M.TECH DATA SCIENCE	DS19211	Big Data Laboratory
386	DS	M.TECH DATA SCIENCE	DS19212	Cloud Computing Technologies Laboratory
387	DS	M.TECH DATA SCIENCE	DS19301	Security for Data Science
388	DS	M.TECH DATA SCIENCE	DS19311	Project Work (Phase I)



389	DS	M.TECH DATA SCIENCE	DS19411	Project Work (Phase II)
390	DS	M.TECH DATA SCIENCE	DS19P25	Information Retrieval Techniques
391	DS	M.TECH DATA SCIENCE	DS19P31	Health Care Analytics
392	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17701	RF and Microwave Engineering
393	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17703	Embedded and Real Time Systems
394	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17711	Embedded Laboratory
395	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17712	Advanced Communication Systems Laboratory
396	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17713	Mini Project
397	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17811	Project Work
398	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E61	Medical Electronics
399	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E63	Micro Electro Mechanical Systems
400	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E65	Digital Image Processing
401	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E66	Soft Computing
402	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E69	Comprehensive Course on ECE
403	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E71	Advanced Digital Signal Processing



404	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E72	Cognitive Radio
405	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	EC19242	Principles of Electronics
406	AI, CD	B.Tech Artificial Intelligence and Machine Learning, B.E. COMPUTER SCIENCE AND DESIGN	EC19243	Principles of Digital Electronics
407	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19311	Analog and Digital Circuits Laboratory
408	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	EC19341	Digital Logic and Microprocessor
409	AT, ME	B.E.AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	EC19351	Basic Electronics Engineering
410	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19401	Microprocessors and Microcontrollers
411	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19411	Microprocessors and Microcontrollers Laboratory
412	IT	B.Tech INFORMATION TECHNOLOGY	EC19443	Principles of Microprocessors and Microcontroller
413	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19501	Digital Signal Processing
414	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19502	Control System Engineering
415	IT	B.Tech INFORMATION TECHNOLOGY	EC19505	Analog and Digital Communication
416	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19511	Digital Signal Processing Laboratory
417	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19512	Communication Systems Laboratory



418	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19603	Problem Solving using AI and ML Techniques (Mini Project)
419	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19611	Innovation and Design Thinking for Electronics Engineers
420	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19641	VLSI Design
421	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19642	Communication Networks
422	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19P52	Information Theory and coding
423	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19P53	Introduction to MEMS
424	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19P55	Speech and Audio processing
425	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19P57	Biomedical Electronics
426	CP	M.E. COMPUTER SCIENCE&ENGINEERING	ED19032	Operation Research
427	ED	M.E. ENGINEERING DESIGN	ED19101	Computer Applications In Design
428	ED	M.E. ENGINEERING DESIGN	ED19102	Advanced Mechanics Of Materials
429	ED	M.E. ENGINEERING DESIGN	ED19103	Vibration Analysis And Control
430	ED	M.E. ENGINEERING DESIGN	ED19104	Advanced Mechanisms In Design
431	ED	M.E. ENGINEERING DESIGN	ED19111	Mechanism Design Lab
432	ED	M.E. ENGINEERING DESIGN	ED19112	Vibration Lab
433	ED	M.E. ENGINEERING DESIGN	ED19201	Finite Element Methods In Mechanical Design
434	ED	M.E. ENGINEERING DESIGN	ED19202	Integrated Product Design And Process Development



435	ED	M.E. ENGINEERING DESIGN	ED19203	Design With Advanced Materials
436	ED	M.E. ENGINEERING DESIGN	ED19211	Product Design And Development Lab
437	ED	M.E. ENGINEERING DESIGN	ED19212	Analysis Lab
438	ED	M.E. ENGINEERING DESIGN	ED19311	Technical Seminar/Internship
439	ED	M.E. ENGINEERING DESIGN	ED19312	Dissertation-I
440	ED	M.E. ENGINEERING DESIGN	ED19P12	Composite Materials And Mechanics
441	ED	M.E. ENGINEERING DESIGN	ED19P22	Additive Manufacturing
442	ED	M.E. ENGINEERING DESIGN	ED19P25	Engineering Fracture Mechanics
443	ED	M.E. ENGINEERING DESIGN	ED19P27	Corrosion And Surface Engineering
444	ED	M.E. ENGINEERING DESIGN	ED19P31	Product Life Cycle Management
445	ED	M.E. ENGINEERING DESIGN	ED19P38	Material Characterisation Techniques
446	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17701	Protection and Switchgear
447	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17702	Power System Operation and Control
448	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17703	Renewable Energy Systems
449	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17711	Power System Simulation Laboratory
450	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17712	Renewable Energy Systems Lab
451	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17811	Project Work
452	EE	B.E ELECTRICAL AND ELECTRONICS	EE17E71	Comprehension in Electrical and Electronics Engineering



		ENGINEERING		
453	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E72	Electric Energy Utilization and Conservation
454	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E81	Flexible AC Transmission Systems
455	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E84	Smart Grid
456	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E86	SMPS and UPS
457	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E87	Energy Management and Auditing
458	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	EE19141	Principles of Electrical Engineering
459	AT,EC,M E,MT,RO	B.E.AUTOMOBILE ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	EE19241	Basic Electrical Engineering
460	AE, AI, CD, CS, FT, IT	B.E. AERONAUTICAL ENGINEERING, B.Tech Artificial Intelligence and Machine Learning, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY	EE19242	Basic Electrical and Electronics Engineering



461	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19243	Electric Circuits
462	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19301	Electromagnetic Theory
463	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19302	Electronic Devices and Circuits
464	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19303	Electrical Machines –I
465	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19311	Electrical Machines –I Laboratory
466	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19312	Electronic Devices and Circuits Laboratory
467	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19401	Transmission and Distribution
468	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19402	Electrical Machines - II
469	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19411	Electrical Machines – II Laboratory
470	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19441	Linear Integrated Circuits and Applications
471	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19442	Digital Logic Circuits
472	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19501	Power System Analysis
473	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19502	Power Electronics
474	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19503	Discrete Time Systems and Signal Processing



475	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19504	Measurements and Instrumentation
476	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19505	Control Systems
477	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19511	Measurements and Instrumentation Laboratory
478	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19512	Control Systems Laboratory
479	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19601	Protection and Switchgear
480	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19602	Solid State Drives
481	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19603	Microprocessors, Microcontrollers and Applications
482	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19611	Innovation and Design thinking for Electrical Engineers
483	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19612	Power Electronics and Drives Laboratory
484	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19613	Microprocessors, Microcontrollers and Applications Laboratory
485	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19641	Design of Electrical Machines
486	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19P61	Special Electrical Machines
487	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	EE19P64	PLC & SCADA
488	EE	B.E ELECTRICAL AND ELECTRONICS ENGINEERING	OAT1701	Automotive Systems



489	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19101	Real Time Systems
490	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19102	Advanced Digital Systems
491	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19103	Design of Microcontroller Based Systems
492	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19104	Design of Embedded Systems
493	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19111	Embedded System Laboratory I
494	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19201	VLSI Architecture and Design Methodologies
495	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19202	Wireless and Mobile Communication
496	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19203	Software for Embedded Systems
497	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19211	Embedded System Laboratory II
498	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19301	Embedded Networking
499	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19311	Project Work (Phase I)
500	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19312	IOT Applications for Embedded Systems
501	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19411	Project Work (Phase II)
502	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P21	Digital Instrumentation
503	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P25	Programming with VHDL
504	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P32	Soft Computing Techniques
505	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P34	Advanced Embedded Systems
506	FT	B.Tech FOOD TECHNOLOGY	FT19201	Food Chemistry
507	FT	B.Tech FOOD TECHNOLOGY	FT19211	Food Chemistry Laboratory
508	FT	B.Tech FOOD TECHNOLOGY	FT19301	Food Microbiology



509	FT	B.Tech FOOD TECHNOLOGY	FT19302	Biochemistry & Nutrition
510	FT	B.Tech FOOD TECHNOLOGY	FT19303	Food Process Calculations
511	FT	B.Tech FOOD TECHNOLOGY	FT19311	Food Microbiology Laboratory
512	FT	B.Tech FOOD TECHNOLOGY	FT19312	Biochemistry & Nutrition Laboratory
513	FT	B.Tech FOOD TECHNOLOGY	FT19402	Unit operations in Food Industries
514	FT	B.Tech FOOD TECHNOLOGY	FT19403	Food Processing and Preservation Technology
515	FT	B.Tech FOOD TECHNOLOGY	FT19411	Chemical Engineering Laboratory
516	FT	B.Tech FOOD TECHNOLOGY	FT19412	Food Processing and Preservation Lab
517	FT	B.Tech FOOD TECHNOLOGY	FT19502	Fruit and Vegetable Technology
518	FT	B.Tech FOOD TECHNOLOGY	FT19511	Food Analysis Laboratory
519	FT	B.Tech FOOD TECHNOLOGY	FT19512	Fruit and Vegetable Technology Laboratory
520	FT	B.Tech FOOD TECHNOLOGY	FT19602	Refrigeration and Cold Chain Management
521	FT	B.Tech FOOD TECHNOLOGY	FT19603	Baking and Confectionery Technology
522	FT	B.Tech FOOD TECHNOLOGY	FT19604	Dairy Process Technology
523	FT	B.Tech FOOD TECHNOLOGY	FT19611	Baking and Confectionery Technology Laboratory
524	FT	B.Tech FOOD TECHNOLOGY	FT19612	Dairy Process Technology Laboratory
525	FT	B.Tech FOOD TECHNOLOGY	FT19702	Livestock and Marine Technology
526	FT	B.Tech FOOD TECHNOLOGY	FT19705	Innovation and Design thinking for Food Technologists
527	FT	B.Tech FOOD TECHNOLOGY	FT19711	Food Packaging Laboratory
528	FT	B.Tech FOOD TECHNOLOGY	FT19712	Livestock and Marine Technology Laboratory



529	FT	B.Tech FOOD TECHNOLOGY	FT19P55	Beverages Technology
530	FT	B.Tech FOOD TECHNOLOGY	FT19P63	Technology of Platanation Crops and Spices
531	AT, MT,M.E.	B.E.AUTOMOBILE ENGINEERING, B.E. MECHATRONICS, B.E. MECHANICAL	GE17451	Total Quality Management
532	EC, IT,MT	B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY B.E. MECHATRONICS	GE17E51	Human values and Professional Ethics
533	ME,MT	B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS	GE17E52	Entrepreneurship Development (Elective III)
534	AE, AT, AI, BT, CH, BM, CE, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL	GE19101	ENGINEERING GRAPHICS



		ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION		
535	AE, AI, AT, BT, CH, BM, CD, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.Tech Artificial Intelligence and Machine Learning, B.E. AUTOMOBILE ENGINEERING, B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	GE19121	ENGINEERING PRACTICES - CIVIL AND MECHANICAL
536	AE, AI, CH, AT, BM, CE, CD, CS, EE, EC, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.Tech Artificial Intelligence and Machine Learning, B.Tech CHEMICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL	GE19122	ENGINEERING PRACTICES - ELECTRICAL AND ELECTRONICS



		ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION		
537	AI, BT, CD, CS, EE, EC, IT, ME, MT, RO	B.Tech Artificial Intelligence and Machine Learning, B.Tech BIOTECHNOLOGY, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	GE19141	Programming using C
538	AE, AT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING,	GE19201	ENGINEERING MECHANICS



		B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION		
539	BT, EE	B.Tech BIOTECHNOLOGY, B.E ELECTRICAL AND ELECTRONICS ENGINEERING	GE19202	Basic Civil and Mechanical Engineering
540	AE, AT, BM, CH, CE, EC, FT, RO	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.E. ROBOTICS & AUTOMATION	GE19211	PROBLEM SOLVING AND PROGRAMMING IN PYTHON
541	AE, CS, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE19301	LIFE SCIENCE FOR ENGINEERS
542	EE,BM, ME	B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. BIOMEDICAL ENGINEERING B.E. MECHANICAL ENGINEERING	GE19303	Economics for Engineers
543	AT, BT, EC, IT, MT	B.E.AUTOMOBILE ENGINEERING, B.Tech BIOTECHNOLOGY, B.E. ELECTRONICS &	GE19304	Fundamentals of Management for Engineers



		COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHATRONICS		
544	AE, BM, BT, CH, CE, CS, CB, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	GE19421	SOFT SKILLS - I
545	AE, AT, BM, BT, CH, CE, CS, CB, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING,	GE19521	SOFT SKILLS - II



		<p>B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS</p>		
546	<p>AE, AT, BM, CH, CE, CS, CB, EE, EC, FT, IT, ME</p>	<p>B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL</p>	GE19621	<p>PROBLEM SOLVING TECHNIQUES</p>



		ENGINEERING, B.E. MECHATRONICS		
547	CH	B.Tech CHEMICAL ENGINEERING	GE19P61	Microfluidics and Microfabrication Laboratory
548	AE, AT, BM, BT, CH, CE, CD, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	HS19151	TECHNICAL ENGLISH
549	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	HS19152	Business Communication & Value Science – I
550	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	HS19251	Business Communication & Value Science – II
551	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	HS19411	Business Communication & Value Science – III
552	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	HS19611	Business Communication & Value Science – IV



553	CS, IT	B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY,	IT17701	Data Analytics
554	CS,IT	B.E. COMPUTER SCIENCE AND ENGINEERING B.TECH INFORMATION TECHNOLOGY	IT17711	Data Analytics Laboratory
555	IT	B.Tech INFORMATION TECHNOLOGY	IT17811	Project Work
556	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	IT17E75	Software Project Management
557	IT	B.Tech INFORMATION TECHNOLOGY	IT17E76	Comprehension in Information Technology
558	IT	B.Tech INFORMATION TECHNOLOGY	IT19241	Data Structures Fundamentals
559	IT	B.Tech INFORMATION TECHNOLOGY	IT19301	Digital Electronics
560	IT	B.Tech INFORMATION TECHNOLOGY	IT19302	Software Engineering Essentials
561	IT	B.Tech INFORMATION TECHNOLOGY	IT19303	Advanced Data Structures
562	IT	B.Tech INFORMATION TECHNOLOGY	IT19341	Introduction to OOP and Java
563	IT	B.Tech INFORMATION TECHNOLOGY	IT19401	Computer Organization
564	IT	B.Tech INFORMATION TECHNOLOGY	IT19441	Operating System Design
565	IT	B.Tech INFORMATION TECHNOLOGY	IT19501	Automata Theory & Compiler Design
566	IT	B.Tech INFORMATION TECHNOLOGY	IT19521	Open Source Programming and Tutorial Lab
567	IT	B.Tech INFORMATION TECHNOLOGY	IT19541	Web Technology
568	IT	B.Tech INFORMATION TECHNOLOGY	IT19641	Mobile Communication
569	IT	B.Tech INFORMATION TECHNOLOGY	IT19642	Cryptography and Information Security
570	IT	B.Tech INFORMATION TECHNOLOGY	IT19643	Artificial Intelligence and Machine Learning



571	IT	B.Tech INFORMATION TECHNOLOGY	IT19644	Innovation and Design Thinking for Information Technology
572	IT	B.Tech INFORMATION TECHNOLOGY	IT19P61	Advanced R and Python Programming
573	IT	B.Tech INFORMATION TECHNOLOGY	IT19P65	Python for Data Science
574	AE, AT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MA19151	ALGEBRA AND CALCULUS
575	BM, CS, EE, EC, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY	MA19152	Linear Algebra and Applied Calculus
576	BT, CH	B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	MA19153	Applied Calculus
577	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19154	Discrete Mathematics
578	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19155	Introductory topics in Statistics, Probability and Calculus
579	CD, AI	B.E. COMPUTER SCIENCE AND DESIGN B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	MA19156	Linear Algebra and Calculus
580	CB	B.Tech COMPUTER SCIENCE AND BUSINESS	MA19241	Statistical Modeling



		SYSTEMS		
581	AE, AT, BT, CH, CE, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.Tech BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MA19251	DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS
582	BM, CS, EE, EC	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MA19252	Differential Equations and Complex Variables
583	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19253	Linear Algebra
584	AI	B.Tech Artificial Intelligence and Machine Learning	MA19254	Probability and Inferential Statistics
585	CD	B.E. COMPUTER SCIENCE AND DESIGN	MA19255	Transforms and Partial Differential Equations
586	AE, AT, CH	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.Tech CHEMICAL ENGINEERING	MA19351	TRANSFORMS & STATISTICS
587	BM	B.E. BIOMEDICAL ENGINEERING	MA19352	Transforms and Special Functions
588	BT, EE, CS	B.Tech BIOTECHNOLOGY, B.E ELECTRICAL AND ELECTRONICS	MA19353	Transforms and Numerical Methods



		ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING		
589	ME, MT, RO	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MA19355	Transforms and Applications
590	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19441	Optimization Techniques
591	AE, CH	B.E. AERONAUTICAL ENGINEERING, B.Tech CHEMICAL ENGINEERING	MA19451	NUMERICAL METHODS
592	BM	B.E. BIOMEDICAL ENGINEERING	MA19452	Probability and Random Process
593	BT	B.Tech BIOTECHNOLOGY	MA19453	Probability and Statistics
594	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	MA19454	Probability, Statistics and Queuing Theory
595	ME, MT, RO	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MA19455	Statistics & Numerical Methods
596	ME	B.E. MECHANICAL ENGINEERING	ME17701	Mechatronics
597	ME	B.E. MECHANICAL ENGINEERING	ME17702	Hydraulics and Pneumatics
598	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME17703	Process Planning and Cost Estimation
599	ME	B.E. MECHANICAL ENGINEERING	ME17711	Simulation and Analysis Laboratory
600	ME	B.E. MECHANICAL ENGINEERING	ME17712	Automation Laboratory
601	ME	B.E. MECHANICAL ENGINEERING	ME17713	Comprehension
602	ME	B.E. MECHANICAL ENGINEERING	ME17714	Technical Seminar/ In plant Training



603	ME	B.E. MECHANICAL ENGINEERING	ME17811	Project Work
604	ME	B.E. MECHANICAL ENGINEERING	ME17E71	Introduction to Power plant Engineering
605	ME	B.E. MECHANICAL ENGINEERING	ME17E72	Refrigeration and Air conditioning
606	ME	B.E. MECHANICAL ENGINEERING	ME17E73	Welding Technology
607	ME	B.E. MECHANICAL ENGINEERING	ME17E74	Design of Jigs, Fixtures and Press Tools
608	ME	B.E. MECHANICAL ENGINEERING	ME17E75	Gas Dynamics and Jet Propulsion
609	ME	B.E. MECHANICAL ENGINEERING	ME17E77	Computational Fluid Dynamics
610	ME	B.E. MECHANICAL ENGINEERING	ME17E78	Computer Integrated Manufacturing Systems
611	ME,MT	B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS	ME17E79	Non Destructive Testing and Evaluation
612	ME	B.E. MECHANICAL ENGINEERING	ME17E81	Production Planning and Control
613	ME	B.E. MECHANICAL ENGINEERING	ME17E82	Operations Research
614	ME	B.E. MECHANICAL ENGINEERING	ME17E85	Advanced I.C. Engines
615	ME	B.E. MECHANICAL ENGINEERING	ME17E86	Additive Manufacturing
616	ME	B.E. MECHANICAL ENGINEERING	ME17E88	Energy Engineering and Management
617	ME	B.E. MECHANICAL ENGINEERING	ME19201	Manufacturing Processes
618	BM	B.E. BIOMEDICAL ENGINEERING	ME19251	Engineering Mechanics for Biomedical Engineers
619	ME	B.E. MECHANICAL ENGINEERING	ME19301	Engineering Thermodynamics
620	ME	B.E. MECHANICAL ENGINEERING	ME19302	Metal cutting and Machine tools
621	ME,RO	B.E. MECHANICAL ENGINEERING B.E. ROBOTICS AND AUTOMATION	ME19303	Kinematics of Machinery



622	ME	B.E. MECHANICAL ENGINEERING	ME19311	Machine Drawing Lab
623	ME,RO	B.E. ROBOTICS & AUTOMATION B.E. MECHANICAL ENGINEERING	ME19312	Manufacturing Technology Laboratory
624	ME	B.E. MECHANICAL ENGINEERING	ME19401	Thermal Engineering
625	ME	B.E. MECHANICAL ENGINEERING	ME19402	Strength of Materials
626	ME	B.E. MECHANICAL ENGINEERING	ME19403	Fluid Mechanics & Machinery
627	ME	B.E. MECHANICAL ENGINEERING	ME19404	Engineering Materials & Metallurgy
628	ME	B.E. MECHANICAL ENGINEERING	ME19411	Strength of Materials and Fluid Mechanics and Machinery Laboratory
629	ME	B.E. MECHANICAL ENGINEERING	ME19412	Thermal Engineering Lab - I
630	ME	B.E. MECHANICAL ENGINEERING	ME19501	Design of Machine Elements
631	ME	B.E. MECHANICAL ENGINEERING	ME19502	Heat and Mass Transfer
632	ME	B.E. MECHANICAL ENGINEERING	ME19511	CAD/CAM LAB
633	ME	B.E. MECHANICAL ENGINEERING	ME19512	Thermal Engineering Lab-II
634	ME	B.E. MECHANICAL ENGINEERING	ME19541	Dynamics of Machines
635	ME	B.E. MECHANICAL ENGINEERING	ME19542	Metrology and Measurements
636	ME	B.E. MECHANICAL ENGINEERING	ME19601	Finite Element Analysis
637	ME	B.E. MECHANICAL ENGINEERING	ME19602	Gas Dynamics and Jet Propulsion
638	ME	B.E. MECHANICAL ENGINEERING	ME19603	Total Quality Management
639	ME	B.E. MECHANICAL ENGINEERING	ME19604	Design of Transmission systems
640	ME	B.E. MECHANICAL ENGINEERING	ME19612	Innovation and Design thinking for Mechanical Engineer



641	ME	B.E. MECHANICAL ENGINEERING	ME19P62	Unconventional Machining Processes
642	ME	B.E. MECHANICAL ENGINEERING	ME19P63	Renewable Sources of Energy
643	ME	B.E. MECHANICAL ENGINEERING	ME19P65	Robotics
644	IT	B.Tech INFORMATION TECHNOLOGY	MG17E81	Lean Startup Management
645	MX	M.E. MEDICAL ELECTRONICS	MH19102	Applied Mathematics for Electronics Engineers
646	BY	M.TECH BIOTECHNOLOGY	MH19103	Statistical Techniques for Biotechnologist
647	CU	M.E. COMMUNICATION SYSTEMS	MH19105	Applied Mathematics for Communication Engineers
648	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	MH19106	Applied Mathematics for Electrical Engineers
649	MT	B.E. MECHATRONICS	MT17701	Computer Aided Design and Manufacturing
650	EC, MT	B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHATRONICS	MT17702	Robotics and Machine vision system
651	MT	B.E. MECHATRONICS	MT17711	Computer Aided Engineering Laboratory
652	MT	B.E. MECHATRONICS	MT17712	Robotics Laboratory
653	MT	B.E. MECHATRONICS	MT17713	Project Workphase I
654	MT	B.E. MECHATRONICS	MT17811	Project Workphase II
655	MT,RO	B.E. MECHATRONICS, B,E, ROBOTICS & AUTOMATION	MT19221	Computer Aided Drawing Lab
656	MT,ME, CS	B.E. MECHATRONICS, B.E. MECHANICAL B.E. COMPUTER SCIENCE & ENGINEERING	OGE1703	German
657	MT,ME, BM	B.E. MECHATRONICS, B.E. MECHANICAL B.E. BIOMEDICAL ENGINEERING	OCE1701	Disaster Management



658	MT	B.E. MECHATRONICS	MT19P51	CNC Technology and Applications
659	MT	B.E. MECHATRONICS	MT19P63	Autonomous Mobile Robots
660	MT	B.E. MECHATRONICS	ME19P76	Process Planning and Cost Estimation
661	MT	B.E. MECHATRONICS	OME1705	Supply chain and Logistics Management
662	MT	B.E. MECHATRONICS	ME17E64	Quality Control and Reliability Engineering
663	MT	B.E. MECHATRONICS	MT17E71	Autonomous Mobile Robots
664	MT	B.E. MECHATRONICS	MT17E75	Automotive Mechatronics
665	MT, RO	B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MT19301	Analog Devices and Circuits
666	MT, RO	B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MT19302	Digital System Design
667	MT	B.E. MECHATRONICS	MT19303	Fluid mechanics and thermal sciences
668	MT	B.E. MECHATRONICS	MT19304	Mechanics of Solids
669	MT, RO	B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MT19311	Digital System Design Lab
670	MT	B.E. MECHATRONICS	MT19312	Strength of Materials and Fluid Mechanics Lab
671	MT	B.E. MECHATRONICS	MT19401	Manufacturing Technology
672	MT, RO	B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MT19402	Microcontrollers and Embedded Systems
673	MT	B.E. MECHATRONICS	MT19403	Sensors and Instrumentation
674	MT, RO	B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MT19411	Microprocessors and Microcontrollers for Automation Laboratory
675	MT	B.E. MECHATRONICS	MT19412	Sensors and Instrumentation Lab



676	MT	B.E. MECHATRONICS	MT19421	Manufacturing Technology lab
677	MT	B.E. MECHATRONICS	MT19501	Industrial Electronics
678	MT	B.E. MECHATRONICS	MT19502	Theory of Machines And Mechanisms
679	MT	B.E. MECHATRONICS	MT19503	System Dynamics and Control
680	MT	B.E. MECHATRONICS	MT19511	Theory of Machines lab
681	MT	B.E. MECHATRONICS	MT19512	Industrial Electronics lab
682	MT	B.E. MECHATRONICS	MT19601	Design of Mechatronics System
683	MT	B.E. MECHATRONICS	MT19602	Fundamentals of Machine Design
684	MT	B.E. MECHATRONICS	MT19611	Innovation and Design thinking for Mechatronics
685	MT	B.E. MECHATRONICS	MT19621	Mini project
686	MT	B.E. MECHATRONICS	MT19641	Industrial Robotics
687	MT	B.E. MECHATRONICS	MT19642	Applied Hydraulics and Pneumatics
688	MT	B.E. MECHATRONICS	MT19P61	Internet of things for mechatronics
689	MT	B.E. MECHATRONICS	MT19P63	Professional Elective -II - Autonomous Mobile Robots
690	MX	M.E. MEDICAL ELECTRONICS	MX19101	Anatomy & Physiology of Human Body
691	MX	M.E. MEDICAL ELECTRONICS	MX19102	Biosignal Acquisition and Processing
692	MX	M.E. MEDICAL ELECTRONICS	MX19103	Research and Patenting Methodology for Bioengineers
693	MX	M.E. MEDICAL ELECTRONICS	MX19104	Advanced Biomedical Equipment
694	MX	M.E. MEDICAL ELECTRONICS	MX19111	Biomedical Instrumentation and Processing Laboratory
695	MX	M.E. MEDICAL ELECTRONICS	MX19201	Medical Imaging and Processing Techniques



696	MX	M.E. MEDICAL ELECTRONICS	MX19202	Biophotonics
697	MX	M.E. MEDICAL ELECTRONICS	MX19203	Medical Device Development - Concept to Market
698	MX	M.E. MEDICAL ELECTRONICS	MX19221	Technical Seminar on research topics
699	MX	M.E. MEDICAL ELECTRONICS	MX19241	Advanced Microcontrollers and Prototype Development
700	MX	M.E. MEDICAL ELECTRONICS	MX19311	Project Work – Phase I
701	MX	M.E. MEDICAL ELECTRONICS	MX19312	Training in Healthcare Sector
702	MX	M.E. MEDICAL ELECTRONICS	MX19411	Project Work - Phase II
703	MX	M.E. MEDICAL ELECTRONICS	MX19P13	Medical Information systems
704	MX	M.E. MEDICAL ELECTRONICS	MX19P23	Rehabilitation & Assistive Technology
705	MX	M.E. MEDICAL ELECTRONICS	MX19P26	Physiological Control Systems
706	MX	M.E. MEDICAL ELECTRONICS	MX19P28	Structure and Function of Biomaterials
707	MX	M.E. MEDICAL ELECTRONICS	MX19P33	Medical Textiles
708	ME	B.E. MECHANICAL ENGINEERING	OAT1903	Elements of Electric and Hybrid Vehicles
709	CS	B.E. COMPUTER SCIENCE AND ENGINEERING	OBT1903	Basic Bio Informatics
710	AT, ME	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	OCS 1901	Data structure using c
711	EE, EC	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	OCS1902	OOPS using JAVA
712	EE, EC	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS &	OCS1903	Programming using Python



		COMMUNICATION ENGINEERING		
713	IT	B.Tech INFORMATION TECHNOLOGY	OEC1903	Digital Image Processing and its Applications
714	BM	B.E. BIOMEDICAL ENGINEERING	OEC1904	Pattern Recognition and Artificial Intelligence
715	ME	B.E. MECHANICAL ENGINEERING	OFT1901	Emerging Techniques in Food Processing
716	AT, CS, IT	B.E.AUTOMOBILE ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY	OME1901	Supply chain and Logistics Management
717	AT, CS	B.E.AUTOMOBILE ENGINEERING, B.E. COMPUTER SCIENCE AND ENGINEERING	OME1902	3D printing and additive manufacturing
718	ME	B.E. MECHANICAL ENGINEERING	OMT1702	Elements of Automation
719	BY, CU, DS, ED, ET	M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES	PG19101	Research Methodology and IPR
720	AE, AT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E.AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	PH19141	PHYSICS OF MATERIALS
721	BM, BT	B.E. BIOMEDICAL ENGINEERING, B.Tech BIOTECHNOLOGY	PH19142	Physics for Bioscience
722	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	PH19143	Fundamentals of Physics



723	CH	B.Tech CHEMICAL ENGINEERING	PH19151	Physics for Chemical Engineering
724	AI, CD, CS, IT	B.Tech Artificial Intelligence and Machine Learning, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING, B.Tech INFORMATION TECHNOLOGY	PH19241	Physics for Information Science
725	EE, EC	B.E ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	PH19242	Physics for Electronics Engineering
726	CH	B.Tech CHEMICAL ENGINEERING	PH19243	Material Science
727	RO	B.E. ROBOTICS & AUTOMATION	RO19301	Mechanics of Materials
728	RO	B.E. ROBOTICS & AUTOMATION	RO19311	Mechanics of Materials laboratory
729	RO	B.E. ROBOTICS & AUTOMATION	RO19401	Basics of Robotics
730	RO	B.E. ROBOTICS & AUTOMATION	RO19402	Manufacturing Science
731	RO	B.E. ROBOTICS & AUTOMATION	RO19421	Internship – I



List of courses offered across all programs during last five years

ACADEMIC YEAR 2020-21

S.No	Program Code	Program Name	Course code	Name of the Course
1.	AE	B.E. AERONAUTICAL ENGINEERING	AE17501	Propulsion - I
2.	AE	B.E. AERONAUTICAL ENGINEERING	AE17502	Aircraft Structures - II
3.	AE	B.E. AERONAUTICAL ENGINEERING	AE17503	Aerodynamics - II
4.	AE	B.E. AERONAUTICAL ENGINEERING	AE17504	Aircraft Stability and Control
5.	AE	B.E. AERONAUTICAL ENGINEERING	AE17505	Control Engineering
6.	AE	B.E. AERONAUTICAL ENGINEERING	AE17511	Aircraft Structures Laboratory
7.	AE	B.E. AERONAUTICAL ENGINEERING	AE17512	Airframe Repair Laboratory
8.	AE	B.E. AERONAUTICAL ENGINEERING	AE17513	Aerodynamics Laboratory - II
9.	AE	B.E. AERONAUTICAL ENGINEERING	AE17514	Industrial Training
10.	AE	B.E. AERONAUTICAL ENGINEERING	AE17601	Propulsion - II
11.	AE	B.E. AERONAUTICAL ENGINEERING	AE17602	Finite Element Methods
12.	AE	B.E. AERONAUTICAL ENGINEERING	AE17603	Flight Vehicle Design
13.	AE	B.E. AERONAUTICAL ENGINEERING	AE17604	Composite Materials and Structures
14.	AE	B.E. AERONAUTICAL ENGINEERING	AE17605	Experimental Aerodynamics
15.	AE	B.E. AERONAUTICAL ENGINEERING	AE17611	Structural Analysis and MATLAB Laboratory
16.	AE	B.E. AERONAUTICAL ENGINEERING	AE17701	Avionics
17.	AE	B.E. AERONAUTICAL ENGINEERING	AE17702	Computational Fluid Dynamics
18.	AE	B.E. AERONAUTICAL ENGINEERING	AE17703	Vibrations and Elements of Aeroelasticity
19.	AE	B.E. AERONAUTICAL	AE17704	Rockets and Missiles



		ENGINEERING		
20.	AE	B.E. AERONAUTICAL ENGINEERING	AE17711	Flow Simulation Laboratory
21.	AE	B.E. AERONAUTICAL ENGINEERING	AE17712	Avionics Laboratory
22.	AE	B.E. AERONAUTICAL ENGINEERING	AE17713	Project Work (Phase I)
23.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E51	Theory of Elasticity
24.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E52	Heat Transfer
25.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E53	Airframe Maintenance and Repair
26.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E54	Total Quality Management
27.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E55	Applied Aerodynamics
28.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E71	Helicopter Dynamics
29.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E72	Combustion and Flames
30.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E73	Aircraft General Engineering and Maintenance Practices
31.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E74	Experimental stress Analysis
32.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E75	Space Mechanics
33.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E81	Boundary Layer Theory
34.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E82	Fatigue and Fracture
35.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E83	Air Traffic Control and Planning
36.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E84	Aero Engine Maintenance and Repair
37.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E85	Hypersonic Aerodynamics
38.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E86	Entrepreneurship Development
39.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E87	UAV Systems
40.	AE	B.E. AERONAUTICAL	AE17E88	Structural Dynamics



		ENGINEERING		
41.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E89	Spray Theory
42.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E90	Introduction to Product Development
43.	AE	B.E. AERONAUTICAL ENGINEERING	AE19301	FUNDAMENTALS OF AEROSPACE ENGINEERING
44.	AE	B.E. AERONAUTICAL ENGINEERING	AE19302	MECHANICS OF MACHINES
45.	AE	B.E. AERONAUTICAL ENGINEERING	AE19311	COMPUTER AIDED MODELING LABORATORY
46.	AE	B.E. AERONAUTICAL ENGINEERING	AE19341	FLUID MECHANICS AND FLUID MACHINERY
47.	AE	B.E. AERONAUTICAL ENGINEERING	AE19342	SOLID MECHANICS
48.	AE	B.E. AERONAUTICAL ENGINEERING	AE19401	AERODYNAMICS - I
49.	AE	B.E. AERONAUTICAL ENGINEERING	AE19402	AIRCRAFT PERFORMANCE
50.	AE	B.E. AERONAUTICAL ENGINEERING	AE19403	ADVANCED STRENGTH OF MATERIALS
51.	AE	B.E. AERONAUTICAL ENGINEERING	AE19411	AERODYNAMICS LAB
52.	AE	B.E. AERONAUTICAL ENGINEERING	AE19412	AIRCRAFT COMPONENT DRAWING
53.	AE	B.E. AERONAUTICAL ENGINEERING	AE19441	AERO ENGINEERING THERMODYNAMICS
54.	AE	B.E. AERONAUTICAL ENGINEERING	AE19442	AIRCRAFT MATERIALS AND PROCESSES



55.	AE, AT, AI, BT, BM,CS,CB ,CD,CH,C E,EE,ECE, IT,FT,ME, MT,RO	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTES SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19101	Environmental Science and Engineering
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56.	AE, AT, AI, BT, BM,CS,CB ,CD,CH,C E,EE,ECE, IT,FT,ME, MT,RO	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTES SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19102	Indian Constitution and Freedom Movement
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57.	AE, AT, AI, BT, BM,CS,CB ,CD,CH,C E,EE,ECE, IT,FT,ME, MT,RO	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTES SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19301	Essence of Indian Traditional Knowledge
58.	AT	B.E. AUTOMOBILE ENGINEERING	AT17501	Vehicle Dynamics
59.	AT	B.E. AUTOMOBILE ENGINEERING	AT17502	Electrical Drives and Microcontrollers
60.	AT	B.E. AUTOMOBILE ENGINEERING	AT17503	Automotive Electrical and Electronics



61.	AT	B.E. AUTOMOBILE ENGINEERING	AT17504	Automotive Pollution and Control
62.	AT	B.E. AUTOMOBILE ENGINEERING	AT17505	Machine Design
63.	AT	B.E. AUTOMOBILE ENGINEERING	AT17511	Automotive Electrical and Electronics Laboratory
64.	AT	B.E. AUTOMOBILE ENGINEERING	AT17512	Geometric Modelling of Automotive Systems
65.	AT	B.E. AUTOMOBILE ENGINEERING	AT17601	Automotive System Design
66.	AT	B.E. AUTOMOBILE ENGINEERING	AT17602	Electric and Hybrid Vehicles
67.	AT	B.E. AUTOMOBILE ENGINEERING	AT17603	Automotive Fuels and Lubricants
68.	AT	B.E. AUTOMOBILE ENGINEERING	AT17604	Finite Element Analysis for Automobile Engineers
69.	AT	B.E. AUTOMOBILE ENGINEERING	AT17611	Automotive Fuels and Lubricants Laboratory
70.	AT	B.E. AUTOMOBILE ENGINEERING	AT17612	Computer Aided Vehicle Design Data Characteristics Laboratory
71.	AT	B.E. AUTOMOBILE ENGINEERING	AT17613	Mini Project
72.	AT	B.E. AUTOMOBILE ENGINEERING	AT17701	Engine and Vehicle Management System
73.	AT	B.E. AUTOMOBILE ENGINEERING	AT17702	Intelligent Vehicle System
74.	AT	B.E. AUTOMOBILE ENGINEERING	AT17711	Vehicle Maintenance Laboratory
75.	AT	B.E. AUTOMOBILE ENGINEERING	AT17712	Computer Aided analysis of Automotive Components Laboratory
76.	AT	B.E. AUTOMOBILE ENGINEERING	AT17713	Two and Three Wheelers Laboratory
77.	AT	B.E. AUTOMOBILE ENGINEERING	AT17714	Technical Seminar/ Industrial Training/Comprehension
78.	AT	B.E. AUTOMOBILE ENGINEERING	AT17811	Project Work
79.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E71	Two and Three wheelers
80.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E72	Off road Vehicles
81.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E75	Vehicle Maintenance



82.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E76	Transport Management
83.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E83	Vehicle Body Engineering
84.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E84	Instrumentation and Metrology
85.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E85	Automotive Safety
86.	AT	B.E. AUTOMOBILE ENGINEERING	AT17E88	Automotive Aerodynamics
87.	AT	B.E. AUTOMOBILE ENGINEERING	AT19311	Computer Aided Machine Drawing Laboratory
88.	AT	B.E. AUTOMOBILE ENGINEERING	AT19341	Applied Thermodynamics
89.	AT	B.E. AUTOMOBILE ENGINEERING	AT19342	Automotive Engines
90.	AT	B.E. AUTOMOBILE ENGINEERING	AT19343	Strength of Materials for Automobile Engineers
91.	AT	B.E. AUTOMOBILE ENGINEERING	AT19401	Engineering Materials and Metallurgy
92.	AT	B.E. AUTOMOBILE ENGINEERING	AT19402	Production Technology - I
93.	AT	B.E. AUTOMOBILE ENGINEERING	AT19441	Fluid Mechanics and Machinery for Automobile Engineers
94.	AT	B.E. AUTOMOBILE ENGINEERING	AT19442	Automotive Drive Line and Chassis
95.	AT	B.E. AUTOMOBILE ENGINEERING	AT19443	Theory of Machines
96.	AV	M.E. AVIONICS	AV19101	Aerospace Engineering (for Non-Aero graduates)
97.	AV	M.E. AVIONICS	AV19102	Electronic Systems (for Aero graduates)
98.	AV	M.E. AVIONICS	AV19103	Digital Avionics
99.	AV	M.E. AVIONICS	AV19104	Image Processing for Aerospace Applications
100.	AV	M.E. AVIONICS	AV19111	Avionics Integration Laboratory
101.	AV	M.E. AVIONICS	AV19112	Image Processing Laboratory
102.	AV	M.E. AVIONICS	AV19201	Communication and Navigation Systems
103.	AV	M.E. AVIONICS	AV19202	Aerospace Guidance and Control
104.	AV	M.E. AVIONICS	AV19211	Flight Control Systems Laboratory
105.	AV	M.E. AVIONICS	AV19212	Unmanned Aerial Vehicle



				Laboratory
106.	AV	M.E. AVIONICS	AV19311	Project Work (Phase I)
107.	AV	M.E. AVIONICS	AV19411	Project Work (Phase II)
108.	AV, BY, CU, CP, DS, ED, ET, MX	M.E. AVIONICS, M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE&ENGINEERING, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES, M.E. MEDICAL ELECTRONICS	AC19101	English for Research Paper Writing (Non credit course)
109.	AV, BY, CU, CP, DS, ED, ET, MX	M.E. AVIONICS, M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE&ENGINEERING, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES, M.E. MEDICAL ELECTRONICS	AC19201	Constitution of India (Audit Course)
110.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19101	Principles of Management and Business Environment
111.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19102	Managerial Economics, Indian Economy and Policy
112.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19103	Statistical Methods
113.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19104	Indian Ethos, Business Ethics, CSR & Governance
114.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19105	Organizational Behaviour
115.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19106	Financial Reporting, Statements and Analysis



116.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19107	Legal Aspects of Business
117.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19108	Business Communication
118.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19201	Operations Management
119.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19202	Corporate Strategy and Entrepreneurship
120.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19203	Marketing Management
121.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19204	Financial Management
122.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19205	Human Resources Management
123.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19206	Marketing Research
124.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19207	Applied Operations Research
125.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	BA19208	Fundamentals of Economics
126.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19211	Computer Applications for Business
127.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19311	Summer Training (EEC)
128.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19411	Project work (EEC)
129.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P01	Consumer Behaviour
130.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P03	Retail Management
131.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P04	Product and Brand Management
132.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P05	Integrated Marketing Communication Strategy
133.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P07	Services Marketing
134.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P11	Investment Analysis, Portfolio Management & Financial Planning
135.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P12	Managing Banks and Financial Institutions
136.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P13	FinTech and Blockchain Applications in Finance



137.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P15	Financial Derivatives
138.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P16	Financial Markets and Institutions
139.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P21	Manpower Planning, Recruitment, and Selection
140.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P22	Employee Relations & Labour laws
141.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P24	Performance Management Systems
142.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P25	Organisational Leadership
143.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P26	Strategic HRM
144.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P51	Indian Models in Entrepreneurship
145.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P53	E - Retailing
146.	BM	B.E. BIOMEDICAL ENGINEERING	BM17501	Principles of Communication Systems
147.	BM	B.E. BIOMEDICAL ENGINEERING	BM17502	Biocontrol Systems
148.	BM	B.E. BIOMEDICAL ENGINEERING	BM17503	Signals and Systems Analysis
149.	BM	B.E. BIOMEDICAL ENGINEERING	BM17504	Microprocessor, Microcontroller and System Design
150.	BM	B.E. BIOMEDICAL ENGINEERING	BM17505	Hospital Engineering and Management
151.	BM	B.E. BIOMEDICAL ENGINEERING	BM17511	Microprocessor, Microcontroller and System Design Laboratory
152.	BM	B.E. BIOMEDICAL ENGINEERING	BM17512	Biomedical Instrumentation Laboratory
153.	BM	B.E. BIOMEDICAL ENGINEERING	BM17601	Digital Signal Processing Techniques
154.	BM	B.E. BIOMEDICAL ENGINEERING	BM17602	Diagnostic Equipment
155.	BM	B.E. BIOMEDICAL ENGINEERING	BM17603	Biomechanics
156.	BM	B.E. BIOMEDICAL ENGINEERING	BM17604	Medical Physics
157.	BM	B.E. BIOMEDICAL ENGINEERING	BM17605	Therapeutic Equipment



158.	BM	B.E. BIOMEDICAL ENGINEERING	BM17611	Digital Signals and Processing Laboratory
159.	BM	B.E. BIOMEDICAL ENGINEERING	BM17612	Diagnostic and Therapeutic Equipment Laboratory
160.	BM	B.E. BIOMEDICAL ENGINEERING	BM17613	Medical Industrial Training
161.	BM	B.E. BIOMEDICAL ENGINEERING	BM17701	Physiological Modeling
162.	BM	B.E. BIOMEDICAL ENGINEERING	BM17702	Digital Image Processing Techniques
163.	BM	B.E. BIOMEDICAL ENGINEERING	BM17703	Radiological Equipment
164.	BM	B.E. BIOMEDICAL ENGINEERING	BM17704	Biomaterials and Applications
165.	BM	B.E. BIOMEDICAL ENGINEERING	BM17711	Digital Image Processing Laboratory
166.	BM	B.E. BIOMEDICAL ENGINEERING	BM17712	Hospital Training
167.	BM	B.E. BIOMEDICAL ENGINEERING	BM17713	Comprehension
168.	BM	B.E. BIOMEDICAL ENGINEERING	BM17811	Project Work
169.	BM	B.E. BIOMEDICAL ENGINEERING	BM17E10	Medical Optics
170.	BM	B.E. BIOMEDICAL ENGINEERING	BM17E13	Rehabilitation Engineering
171.	BM	B.E. BIOMEDICAL ENGINEERING	BM17E22	Medical Informatics
172.	BM	B.E. BIOMEDICAL ENGINEERING	BM17E27	Wearable Systems
173.	BM	B.E. BIOMEDICAL ENGINEERING	BM19241	Electric Circuits and Electron Devices
174.	BM	B.E. BIOMEDICAL ENGINEERING	BM19301	Human Anatomy and Physiology
175.	BM	B.E. BIOMEDICAL ENGINEERING	BM19302	Biochemical Science
176.	BM	B.E. BIOMEDICAL ENGINEERING	BM19341	Electronic Circuits
177.	BM	B.E. BIOMEDICAL ENGINEERING	BM19342	Sensors and Measurements
178.	BM	B.E. BIOMEDICAL ENGINEERING	BM19343	Electric fields and Machines



179.	BM	B.E. BIOMEDICAL ENGINEERING	BM19401	Biomedical Instrumentation
180.	BM	B.E. BIOMEDICAL ENGINEERING	BM19402	Analog and Digital Integrated Circuits
181.	BM	B.E. BIOMEDICAL ENGINEERING	BM19403	Principles of Communication Systems
182.	BM	B.E. BIOMEDICAL ENGINEERING	BM19411	Analog and Digital Integrated Circuits Laboratory
183.	BM	B.E. BIOMEDICAL ENGINEERING	BM19421	PCB Design Laboratory
184.	BM	B.E. BIOMEDICAL ENGINEERING	BM19441	Pathology and Microbiology
185.	BT	B.TECH BIOTECHNOLOGY	BT19201	Biochemistry
186.	BT	B.TECH BIOTECHNOLOGY	BT19211	Biochemistry Laboratory
187.	BT	B.TECH BIOTECHNOLOGY	BT19301	Microbiology
188.	BT	B.TECH BIOTECHNOLOGY	BT19302	Enzyme Technology and Bio transformations
189.	BT	B.TECH BIOTECHNOLOGY	BT19303	Cell Biology
190.	BT	B.TECH BIOTECHNOLOGY	BT19304	Stoichiometry and Thermodynamics
191.	BT	B.TECH BIOTECHNOLOGY	BT19305	Basic Industrial Biotechnology
192.	BT	B.TECH BIOTECHNOLOGY	BT19311	Microbiology Laboratory
193.	BT	B.TECH BIOTECHNOLOGY	BT19312	Basic Biotechnology Laboratory
194.	BT	B.TECH BIOTECHNOLOGY	BT19401	Analytical Techniques in Biotechnology
195.	BT	B.TECH BIOTECHNOLOGY	BT19402	Fluid Mechanics and Heat transfer
196.	BT	B.TECH BIOTECHNOLOGY	BT19403	Food Biotechnology
197.	BT	B.TECH BIOTECHNOLOGY	BT19411	Heat and Mass Transfer Laboratory
198.	BT	B.TECH BIOTECHNOLOGY	BT19412	Food Processing and Preservation Laboratory
199.	BT	B.TECH BIOTECHNOLOGY	BT19501	Bioprocess Principles



200.	BT	B.TECH BIOTECHNOLOGY	BT19502	Molecular Biology
201.	BT	B.TECH BIOTECHNOLOGY	BT19503	Separation Process Principles
202.	BT	B.TECH BIOTECHNOLOGY	BT19504	Immunology
203.	BT	B.TECH BIOTECHNOLOGY	BT19511	Bioprocess Laboratory- I
204.	BT	B.TECH BIOTECHNOLOGY	BT19512	Immunology Laboratory
205.	BT	B.TECH BIOTECHNOLOGY	BT19601	Bioprocess Technology
206.	BT	B.TECH BIOTECHNOLOGY	BT19602	Genetic Engineering
207.	BT	B.TECH BIOTECHNOLOGY	BT19603	Chemical Reaction Engineering
208.	BT	B.TECH BIOTECHNOLOGY	BT19604	Innovation and Design Thinking for Biotechnologists
209.	BT	B.TECH BIOTECHNOLOGY	BT19611	Bioprocess Laboratory II
210.	BT	B.TECH BIOTECHNOLOGY	BT19612	Molecular Biology and Genetic Engineering Laboratory
211.	BT	B.TECH BIOTECHNOLOGY	BT19613	Numerical Programming for Biotechnologists
212.	BT	B.TECH BIOTECHNOLOGY	BT19614	Industry Training
213.	BT	B.TECH BIOTECHNOLOGY	BT19701	Downstream Processing
214.	BT	B.TECH BIOTECHNOLOGY	BT19702	Bioinformatics
215.	BT	B.TECH BIOTECHNOLOGY	BT19703	Protein Engineering
216.	BT	B.TECH BIOTECHNOLOGY	BT19711	Downstream Processing Laboratory
217.	BT	B.TECH BIOTECHNOLOGY	BT19712	Bioinformatics Laboratory
218.	BT	B.TECH BIOTECHNOLOGY	BT19801	Project Work
219.	BY	M.TECH BIOTECHNOLOGY	BY19101	Advanced Genetic Engineering
220.	BY	M.TECH BIOTECHNOLOGY	BY19102	Enzyme Technology and Fermentation Technology



221.	BY	M.TECH BIOTECHNOLOGY	BY19103	Bioinformatics and Applications
222.	BY	M.TECH BIOTECHNOLOGY	BY19111	Preparative and Analytical Techniques in Biotechnology
223.	BY	M.TECH BIOTECHNOLOGY	BY19201	Bio separation Technology
224.	BY	M.TECH BIOTECHNOLOGY	BY19202	Bioreaction Engineering
225.	BY	M.TECH BIOTECHNOLOGY	BY19203	Biopharmaceuticals and Biosimilars
226.	BY	M.TECH BIOTECHNOLOGY	BY19204	Immunotechnology
227.	BY	M.TECH BIOTECHNOLOGY	BY19205	Advanced Genomics and Proteomics
228.	BY	M.TECH BIOTECHNOLOGY	BY19211	Immunotechnology Laboratory
229.	BY	M.TECH BIOTECHNOLOGY	BY19311	Advanced Molecular Biology and Genetic Engineering Laboratory
230.	BY	M.TECH BIOTECHNOLOGY	BY19312	Bioprocess and Downstream processing laboratory
231.	BY	M.TECH BIOTECHNOLOGY	BY19313	Project Phase I
232.	BY	M.TECH BIOTECHNOLOGY	BY19411	Project Phase II
233.	BY	M.TECH BIOTECHNOLOGY	BY19P11	Molecular concepts in Biotechnology
234.	BY	M.TECH BIOTECHNOLOGY	BY19P12	Analytical Techniques in Biotechnology
235.	BY	M.TECH BIOTECHNOLOGY	BY19P14	Oncogenetics
236.	BY	M.TECH BIOTECHNOLOGY	BY19P15	Advances in Animal Biotechnology
237.	BY	M.TECH BIOTECHNOLOGY	BY19P18	Food Science and Technology
238.	BY	M.TECH BIOTECHNOLOGY	BY19P21	Bionanotechnology
239.	BY	M.TECH BIOTECHNOLOGY	BY19P23	Advances in Molecular Pathogenesis
240.	BY	M.TECH BIOTECHNOLOGY	BY19P26	Tissue Engineering
241.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS	CB19141	Fundamentals of Computer Science



		SYSTEMS		
242.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19241	Data Structures & Algorithms
243.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19301	Formal Language and Automata Theory
244.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19302	Computer Organization & Architecture
245.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19341	Object Oriented Programming
246.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19342	Computational Statistics
247.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19343	Software Engineering
248.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19401	Introduction to Innovation, IP Management & Entrepreneurship
249.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19441	Operating System Concepts
250.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19442	Database Technology
251.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	CB19443	Software Design with UML
252.	CD	B.E. COMPUTER SCIENCE AND DESIGN	CD19141	Design Drawing and Visualization
253.	CE	B.E. CIVIL ENGINEERING	CE17501	Design of Reinforced Concrete Elements
254.	CE	B.E. CIVIL ENGINEERING	CE17502	Foundation Engineering
255.	CE	B.E. CIVIL ENGINEERING	CE17503	Structural Analysis I
256.	CE	B.E. CIVIL ENGINEERING	CE17504	Highway Engineering
257.	CE	B.E. CIVIL ENGINEERING	CE17511	Construction Materials Laboratory
258.	CE	B.E. CIVIL ENGINEERING	CE17512	Survey Camp
259.	CE	B.E. CIVIL ENGINEERING	CE17513	Highway Engineering Laboratory



260.	CE	B.E. CIVIL ENGINEERING	CE17601	Design of Steel Structural Elements
261.	CE	B.E. CIVIL ENGINEERING	CE17602	Structural Analysis II
262.	CE	B.E. CIVIL ENGINEERING	CE17603	Irrigation Engineering
263.	CE	B.E. CIVIL ENGINEERING	CE17604	Water Supply Engineering
264.	CE	B.E. CIVIL ENGINEERING	CE17605	Waste Water Engineering
265.	CE	B.E. CIVIL ENGINEERING	CE17611	Water and Waste Water Analysis Laboratory
266.	CE	B.E. CIVIL ENGINEERING	CE17612	Irrigation and Environmental Engineering Drawing
267.	CE	B.E. CIVIL ENGINEERING	CE17701	Estimation, Costing and Valuation Engineering
268.	CE	B.E. CIVIL ENGINEERING	CE17702	Railways, Airports, Docks and Harbour Engineering
269.	CE	B.E. CIVIL ENGINEERING	CE17703	Structural Design and Drawing
270.	CE	B.E. CIVIL ENGINEERING	CE17711	Creative and Innovative Project
271.	CE	B.E. CIVIL ENGINEERING	CE17712	Industrial Training
272.	CE	B.E. CIVIL ENGINEERING	CE17713	Computer Aided Design and Drafting Laboratory
273.	CE	B.E. CIVIL ENGINEERING	CE17811	Project Work
274.	CE	B.E. CIVIL ENGINEERING	CE17E73	Air Pollution and Control Engineering
275.	CE	B.E. CIVIL ENGINEERING	CE17E74	Construction Planning and Scheduling
276.	CE	B.E. CIVIL ENGINEERING	CE17E76	Transport and Environment
277.	CE	B.E. CIVIL ENGINEERING	CE17E77	Traffic Engineering and Management
278.	CE	B.E. CIVIL ENGINEERING	CE17E79	Municipal Solid Waste Management
279.	CE	B.E. CIVIL ENGINEERING	CE17E83	Ground Water Engineering
280.	CE	B.E. CIVIL ENGINEERING	CE17E84	Applied Hydrology
281.	CE	B.E. CIVIL ENGINEERING	CE17E87	Maintenance, Repair and Rehabilitation of Structures
282.	CE	B.E. CIVIL ENGINEERING	CE17E88	Structural Dynamics and Earthquake Engineering
283.	CE	B.E. CIVIL ENGINEERING	CE17E89	Prefabricated Structures
284.	CE	B.E. CIVIL ENGINEERING	CE19211	Computer Aided Building Drawing
285.	CE	B.E. CIVIL ENGINEERING	CE19301	Engineering Geology
286.	CE	B.E. CIVIL ENGINEERING	CE19302	Construction Materials, Techniques and Practices



287.	CE	B.E. CIVIL ENGINEERING	CE19303	Strength of Materials I
288.	CE	B.E. CIVIL ENGINEERING	CE19304	Fluid Mechanics
289.	CE	B.E. CIVIL ENGINEERING	CE19311	Construction Materials Laboratory
290.	CE	B.E. CIVIL ENGINEERING	CE19312	Strength of Materials laboratory
291.	CE	B.E. CIVIL ENGINEERING	CE19401	Strength of Materials II
292.	CE	B.E. CIVIL ENGINEERING	CE19402	Applied Hydraulic Engineering
293.	CE	B.E. CIVIL ENGINEERING	CE19403	Surveying
294.	CE	B.E. CIVIL ENGINEERING	CE19411	Surveying Laboratory
295.	CH	B.Tech CHEMICAL ENGINEERING	CH19301	Solid Mechanics
296.	CH	B.Tech CHEMICAL ENGINEERING	CH19302	Chemical Process Calculations
297.	CH	B.Tech CHEMICAL ENGINEERING	CH19341	Fluid Mechanics for Chemical Engineers
298.	CH	B.Tech CHEMICAL ENGINEERING	CH19401	Chemical Process Industries
299.	CH	B.Tech CHEMICAL ENGINEERING	CH19402	Thermodynamics
300.	CH	B.Tech CHEMICAL ENGINEERING	CH19403	Heat Transfer
301.	CH	B.Tech CHEMICAL ENGINEERING	CH19441	Particle science and Technology
302.	CH	B.Tech CHEMICAL ENGINEERING	CH19501	Process Engineering Economics
303.	CH	B.Tech CHEMICAL ENGINEERING	CH19502	Chemical Engineering Thermodynamics
304.	CH	B.Tech CHEMICAL ENGINEERING	CH19503	Mass Transfer I
305.	CH	B.Tech CHEMICAL ENGINEERING	CH19504	Chemical Reaction Engineering I
306.	CH	B.Tech CHEMICAL ENGINEERING	CH19511	Heat Transfer Lab
307.	CH	B.Tech CHEMICAL ENGINEERING	CH19601	Mass Transfer II
308.	CH	B.Tech CHEMICAL ENGINEERING	CH19602	Chemical Reaction Engineering II
309.	CH	B.Tech CHEMICAL ENGINEERING	CH19603	Process Control
310.	CH	B.Tech CHEMICAL ENGINEERING	CH19611	Process Equipment Design
311.	CH	B.Tech CHEMICAL	CH19612	Mass Transfer Lab



		ENGINEERING		
312.	CH	B.Tech CHEMICAL ENGINEERING	CH19613	Innovation and Design Thinking for Chemical Engineers
313.	CH	B.Tech CHEMICAL ENGINEERING	CH19701	Transport Phenomena
314.	CH	B.Tech CHEMICAL ENGINEERING	CH19702	Comprehensive Chemical Engineering
315.	CH	B.Tech CHEMICAL ENGINEERING	CH19703	Computer Applications in Chemical Engineering
316.	CH	B.Tech CHEMICAL ENGINEERING	CH19711	Chemical Reaction Engineering lab
317.	CH	B.Tech CHEMICAL ENGINEERING	CH19712	Process Control Lab
318.	CH	B.Tech CHEMICAL ENGINEERING	CH19713	Computer Applications In Chemical Engineering Lab
319.	CH	B.Tech CHEMICAL ENGINEERING	CH19811	Seminar
320.	CH	B.Tech CHEMICAL ENGINEERING	CH19812	Project
321.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19101	Advanced Data Structures and Algorithms
322.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19102	Advanced Operating Systems
323.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19103	Advanced Software Engineering
324.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19112	Advanced Software Engineering Laboratory
325.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19201	Advanced Databases
326.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19202	Networking Technologies
327.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19211	Advanced Databases Laboratory
328.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19213	Big Data Analytics lab
329.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19216	Mini Project with Seminar
330.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19311	Project Phase – I
331.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19411	Project Phase – II



332.	CU, DS, ET,ED	M.E. COMMUNICATION SYSTEMS, M.E. ENGINEERING DESIGN M.TECH DATA SCIENCE, M.E. EMBEDDED SYSTEM TECHNOLOGIES	CP19O31	Business Analytics
333.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P06	Big Data Analytics
334.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P07	Web Search and Information Retrieval
335.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P08	User Interface Design
336.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19P12	Mobile Application and Services
337.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	CP19111	Advanced Data Structures Laboratory
338.	IT	B.Tech INFORMATION TECHNOLOGY	CS17403	Computer Networks
339.	IT	B.Tech INFORMATION TECHNOLOGY	CS17412	Computer Networks Laboratory
340.	CS,IT	B.E. COMPUTER SCIENCE & ENGINEERING B.TECH INFORMATION TECHNOLOGY	CS17501	Distributed Systems
341.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17502	Theory of Computation
342.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17503	Graphics and Multimedia
343.	CS,ECE,IT	B.E. COMPUTER SCIENCE & ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY	CS17504	Cryptography and Network Security
344.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17505	Internet Programming
345.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17511	Cryptography and Network Security
346.	CS	B.E. COMPUTER SCIENCE	CS17512	Graphics and Multimedia



		& ENGINEERING		Labarotary
347.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17513	Internet Programming Laboratory
348.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17601	Game Programming
349.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17602	Artificial Intelligence
350.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17603	Mobile Computing
351.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17604	Compiler Design
352.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17611	Game Programming Laboratory
353.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17612	Mini Project
354.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17701	Resource Management Techniques
355.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17702	Cloud Computing
356.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17711	Cloud Computing Laboratory
357.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17811	Project Work
358.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17E77	Comprehension in Computer Science Engineering
359.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17E83	Cyber Forensics
360.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17E85	Business Intelligence and Applications
361.	AI, CS	B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.E. COMPUTER SCIENCE & ENGINEERING	CS19211	Python Programming Lab



362.	AI, CS, EE, EC	B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS19241	Data Structures
363.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS19301	Computer Architecture
364.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS19341	Design and Analysis of Algorithms
365.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS19342	Object Oriented Programming Paradigm
366.	AT, EC	B.E. AUTOMOBILE ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS19411	Python Programming for Machine Learning
367.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS19441	Operating Systems
368.	CS,IT	B.E. COMPUTER SCIENCE & ENGINEERING B.TECH INFORMATION TECHNOLOGY	CS19442	Software Engineering Concepts
369.	IT	M.E. COMMUNICATION SYSTEMS	CS19443	Database Management Systems
370.	CU	M.E. COMMUNICATION SYSTEMS	CU19101	Advanced Radiation Systems
371.	CU	M.E. COMMUNICATION SYSTEMS	CU19103	Advanced Digital Communication Techniques
372.	CU	M.E. COMMUNICATION SYSTEMS	CU19111	Communication Systems Laboratory
373.	CU	M.E. COMMUNICATION SYSTEMS	CU19141	Advanced Digital Signal Processing
374.	CU	M.E. COMMUNICATION SYSTEMS	CU19202	MIC and RF System Design
375.	CU	M.E. COMMUNICATION	CU19203	Communication System Modeling



		SYSTEMS		and Simulation
376.	CU	M.E. COMMUNICATION SYSTEMS	CU19211	RF System Design Laboratory
377.	CU	M.E. COMMUNICATION SYSTEMS	CU19301	Wireless Ad Hoc and Sensor Networks
378.	CU	M.E. COMMUNICATION SYSTEMS	CU19311	Project Work (Phase I)
379.	CU	M.E. COMMUNICATION SYSTEMS	CU19411	Project Work (Phase II)
380.	CU	M.E. COMMUNICATION SYSTEMS	CU19P13	MEMS and NEMS
381.	CU	M.E. COMMUNICATION SYSTEMS	CU19P23	Cognitive Radio
382.	CU	M.E. COMMUNICATION SYSTEMS	CU19P32	Digital Image and Video processing
383.	CU	M.E. COMMUNICATION SYSTEMS	CU19P42	Internetworking Multimedia
384.	BT, CH, FT	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.TECH FOOD TECHNOLOGY	CY19141	Chemistry for Technologists
385.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CY19142	Chemistry For Electronics Engineering
386.	CE, CS, EE, IT	B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CY19143	Applied Chemistry
387.	AE, AT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CY19241	ENGINEERING CHEMISTRY



388.	CH	B.Tech CHEMICAL ENGINEERING	CY19242	Physical Chemistry
389.	CH	B.Tech CHEMICAL ENGINEERING	CY19301	Organic Chemistry
390.	DS	M.TECH DATA SCIENCE	DS19101	Programming for Data Science
391.	DS	M.TECH DATA SCIENCE	DS19102	Advanced Data Structures and Algorithmic methods
392.	DS	M.TECH DATA SCIENCE	DS19103	Data Analysis and Visualization
393.	DS	M.TECH DATA SCIENCE	DS19104	Scalable Systems for Data Science
394.	DS	M.TECH DATA SCIENCE	DS19111	Advanced Data Structures and Algorithmic Laboratory
395.	DS	M.TECH DATA SCIENCE	DS19112	Data Analysis and using Python Laboratory
396.	DS	M.TECH DATA SCIENCE	DS19201	Big Data Analytics and Tools
397.	CP, DS	M.E. COMPUTER SCIENCE&ENGINEERING, M.TECH DATA SCIENCE	DS19202	Cloud Computing Technologies
398.	DS	M.TECH DATA SCIENCE	DS19203	Machine Learning Techniques
399.	DS	M.TECH DATA SCIENCE	DS19204	Computer Vision
400.	DS	M.TECH DATA SCIENCE	DS19211	Big Data Laboratory
401.	DS	M.TECH DATA SCIENCE	DS19212	Cloud Computing Technologies Laboratory
402.	DS	M.TECH DATA SCIENCE	DS19301	Security for Data Science
403.	DS	M.TECH DATA SCIENCE	DS19311	Project Work (Phase I)
404.	DS	M.TECH DATA SCIENCE	DS19411	Project Work (Phase II)
405.	DS	M.TECH DATA SCIENCE	DS19P25	Information Retrieval Techniques
406.	DS	M.TECH DATA SCIENCE	DS19P31	Health Care Analytics
407.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17501	Digital Communication
408.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17502	Digital Signal Processing
409.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17503	Transmission Lines and waveguides
410.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17504	Principles of Microprocessor and Microcontroller



411.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17511	Digital Signal Processing Laboratory
412.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17512	Communication Systems Laboratory
413.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17513	Microprocessors and Microcontroller with peripheral interfacing Laboratory
414.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17601	VLSI Design
415.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17602	Antennas and Wave Propagation
416.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17603	Communication Networks
417.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17604	Wireless Communication
418.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17611	VLSI Design Laboratory
419.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17612	Networks Laboratory
420.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17701	RF and Microwave Engineering
421.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17702	Optical Communication and networks
422.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17703	Embedded and Real Time Systems
423.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17711	Embedded Laboratory
424.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17712	Advanced Communication Systems Laboratory



425.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17713	Mini Project
426.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17811	Project Work
427.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E61	Medical Electronics
428.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E63	Micro Electro Mechanical Systems
429.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E65	Digital Image Processing
430.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E66	Soft Computing
431.	EC	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	EC17E72	Cognitive Radio
432.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	EC19242	Principles of Electronics
433.	AI	B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	EC19243	Principles of Digital Electronics
434.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19311	Analog and Digital Circuits Laboratory
435.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	EC19341	Digital Logic and Microprocessor
436.	AT	B.E. AUTOMOBILE ENGINEERING	EC19351	Basic Electronics Engineering
437.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19401	Microprocessors and Microcontrollers
438.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC19411	Microprocessors and Microcontrollers Laboratory
439.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	ED19032	Operation Research
440.	ED	M.E. ENGINEERING	ED19101	Computer Applications In Design



		DESIGN		
441.	ED	M.E. ENGINEERING DESIGN	ED19102	Advanced Mechanics Of Materials
442.	ED	M.E. ENGINEERING DESIGN	ED19103	Vibration Analysis And Control
443.	ED	M.E. ENGINEERING DESIGN	ED19104	Advanced Mechanisms In Design
444.	ED	M.E. ENGINEERING DESIGN	ED19111	Mechanism Design Lab
445.	ED	M.E. ENGINEERING DESIGN	ED19112	Vibration Lab
446.	ED	M.E. ENGINEERING DESIGN	ED19201	Finite Element Methods In Mechanical Design
447.	ED	M.E. ENGINEERING DESIGN	ED19202	Integrated Product Design And Process Development
448.	ED	M.E. ENGINEERING DESIGN	ED19203	Design With Advanced Materials
449.	ED	M.E. ENGINEERING DESIGN	ED19211	Product Design And Development Lab
450.	ED	M.E. ENGINEERING DESIGN	ED19212	Analysis Lab
451.	ED	M.E. ENGINEERING DESIGN	ED19311	Technical Seminar/Internship
452.	ED	M.E. ENGINEERING DESIGN	ED19312	Dissertation-I
453.	ED	M.E. ENGINEERING DESIGN	ED19P12	Composite Materials And Mechanics
454.	ED	M.E. ENGINEERING DESIGN	ED19P22	Additive Manufacturing
455.	ED	M.E. ENGINEERING DESIGN	ED19P25	Engineering Fracture Mechanics
456.	ED	M.E. ENGINEERING DESIGN	ED19P27	Corrosion And Surface Engineering
457.	ED	M.E. ENGINEERING DESIGN	ED19P31	Product Life Cycle Management
458.	ED	M.E. ENGINEERING DESIGN	ED19P38	Material Characterisation Techniques
459.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17501	Power System Analysis
460.	EE	B.E. ELECTRICAL AND ELECTRONICS	EE17502	Microprocessors, Microcontrollers and Applications



		ENGINEERING		
461.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17503	Electrical Machines – II
462.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17504	Power Electronics
463.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17505	Discrete Time Systems and Signal Processing
464.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17511	Microprocessors, Microcontrollers and Applications Laboratory
465.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17512	Electrical Machines Lab -II
466.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17601	Solid State Drives
467.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17602	Embedded Systems
468.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17603	Design of Electrical Apparatus
469.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17611	Power Electronics and Drives Laboratory
470.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17612	IOT Application in Electrical Engineering
471.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17613	Mini Project
472.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17701	Protection and Switchgear
473.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17702	Power System Operation and Control
474.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17703	Renewable Energy Systems



475.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17711	Power System Simulation Laboratory
476.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17712	Renewable Energy Systems Lab
477.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17811	Project Work
478.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E51	Restructured Power System
479.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E52	PLC AND SCADA
480.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E63	Special Electrical Machines
481.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E66	Power Quality
482.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E71	Comprehension in Electrical and Electronics Engineering
483.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E72	Electric Energy Utilization and Conservation
484.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E81	Flexible AC Transmission Systems
485.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E84	Smart Grid
486.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E86	SMPS and UPS
487.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE17E87	Energy Management and Auditing
488.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	EE19141	Principles of Electrical Engineering



489.	AT, EC, ME, MT, RO	B.E. AUTOMOBILE ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	EE19241	Basic Electrical Engineering
490.	AE, AI, CE, CS, FT, IT	B.E. AERONAUTICAL ENGINEERING, B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY	EE19242	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
491.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19243	Electric Circuits
492.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19301	Electromagnetic Theory
493.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19302	Electronic Devices and Circuits
494.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19303	Electrical Machines –I
495.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19311	Electrical Machines –I Laboratory
496.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19312	Electronic Devices and Circuits Laboratory
497.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19401	Transmission and Distribution



498.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19402	Electrical Machines - II
499.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19411	Electrical Machines – II Laboratory
500.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19441	Linear Integrated Circuits and Applications
501.	EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	EE19442	Digital Logic Circuits
502.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19101	Real Time Systems
503.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19102	Advanced Digital Systems
504.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19103	Design of Microcontroller Based Systems
505.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19104	Design of Embedded Systems
506.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19111	Embedded System Laboratory I
507.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19201	VLSI Architecture and Design Methodologies
508.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19202	Wireless and Mobile Communication
509.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19203	Software for Embedded Systems
510.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19211	Embedded System Laboratory II
511.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19301	Embedded Networking
512.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19311	Project Work (Phase I)
513.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19312	IOT Applications for Embedded Systems
514.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19411	Project Work (Phase II)
515.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P21	Digital Instrumentation
516.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P25	Programming with VHDL



517.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P32	Soft Computing Techniques
518.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	ET19P34	Advanced Embedded Systems
519.	FT	B.TECH FOOD TECHNOLOGY	FT17502	Food Processing and Preservation
520.	FT	B.TECH FOOD TECHNOLOGY	FT17503	Baking and Confectionary Technology
521.	FT	B.TECH FOOD TECHNOLOGY	FT17504	Professional Ethics for Food Technologists
522.	FT	B.TECH FOOD TECHNOLOGY	FT17511	Food Processing and Preservation Laboratory
523.	FT	B.TECH FOOD TECHNOLOGY	FT17512	Baking and Confectionary Technology Laboratory
524.	FT	B.TECH FOOD TECHNOLOGY	FT17601	Food Process Engineering and Economics
525.	FT	B.TECH FOOD TECHNOLOGY	FT17602	Dairy Process Technology
526.	FT	B.TECH FOOD TECHNOLOGY	FT17603	Fruit and Vegetable Processing Technology
527.	FT	B.TECH FOOD TECHNOLOGY	FT17611	Fruit and Vegetable Processing Technology Laboratory
528.	FT	B.TECH FOOD TECHNOLOGY	FT17612	Dairy Process Technology Laboratory
529.	FT	B.TECH FOOD TECHNOLOGY	FT19201	Food chemistry
530.	FT	B.TECH FOOD TECHNOLOGY	FT19211	Food Chemistry Laboratory
531.	FT	B.TECH FOOD TECHNOLOGY	FT19301	Food Microbiology
532.	FT	B.TECH FOOD TECHNOLOGY	FT19302	Biochemistry & Nutrition
533.	FT	B.TECH FOOD TECHNOLOGY	FT19303	Food Process Calculations
534.	FT	B.TECH FOOD TECHNOLOGY	FT19311	Food Microbiology Laboratory
535.	FT	B.TECH FOOD TECHNOLOGY	FT19312	Biochemistry & Nutrition Laboratory
536.	FT	B.TECH FOOD TECHNOLOGY	FT19402	Unit operations in Food Industries
537.	FT	B.TECH FOOD TECHNOLOGY	FT19403	Food Processing and Preservation Technology



538.	FT	B.TECH FOOD TECHNOLOGY	FT19411	Chemical Engineering Laboratory
539.	FT	B.TECH FOOD TECHNOLOGY	FT19412	Food Processing and Preservation Laboratory
540.	AT, CE, MT	B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHATRONICS	GE17451	Total Quality Management
541.	EC, MT	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING B.E. MECHATRONICS ENGINEERING	GE17551	Principles of Management
542.	AE	B.E. AUTOMOBILE ENGINEERING	GE17651	Management for Engineers
543.	CE, EE, EC	B.E. CIVIL ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	GE17E51	Human Values and Professional Ethics
544.	AE, AI, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY,	GE17E52	Entrepreneurship Development



		B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION		
545.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	GE19101	ENGINEERING GRAPHICS



546.	AE, AI, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	GE19121	ENGINEERING PRACTICES - CIVIL AND MECHANICAL
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547.	AE, AI, AT, BM, CH, CE, CD, CS, EE, EC, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.TECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE19122	ENGINEERING PRACTICES - ELECTRICAL AND ELECTRONICS
548.	AE, AI, BT, CE, CD, CS, EE, EC, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, B.TECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL	GE19141	PROGRAMMING USING C



		ENGINEERING		
549.	BM	B.E. BIOMEDICAL ENGINEERING	GE19142	Programming using C
550.	AE, AT, CE, ME, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. ROBOTICS & AUTOMATION	GE19201	ENGINEERING MECHANICS
551.	BT, EE	B.TECH BIOTECHNOLOGY, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	GE19202	Basic Civil and Mechanical Engineering
552.	AT,CE,CS, ME,MT	B.E. AERONAUTICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE19211	Problem solving and programming in Python
553.	EE,ME	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. MECHANICAL ENGINEERING	GE19301	LIFE SCIENCE FOR ENGINEERS
554.	AT,BT,IT, MT	B.E. AUTOMOBILE ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHATRONICS	GE19303	Economics for Engineers



555.	AE, AT, BM, BT, CH, CS, CB, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE19304	Fundamentals of Management for Engineers
556.	BT, CH	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	GE19421	SOFT SKILLS - I
557.	CH	B.Tech CHEMICAL ENGINEERING	GE19521	Soft Skills-II
558.	BM, EE	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	GE19621	Problem Solving Techniques
559.	AE, AT, EE	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING,	HS17361	Interpersonal Skills/ Listening and Speaking



		B.E. ELECTRICAL AND ELECTRONICS ENGINEERING		
560.	ME	B.E. MECHANICAL ENGINEERING	HS17561	Communication Skills - Laboratory Based
561.	AE, AT, BM, BT, CH, CE, CD, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	HS17661	Professional Communication



562.	AE, AT, BM, BT, CH, CE, CD, CS, EE, EC, FT, IT, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	HS19151	TECHNICAL ENGLISH
563.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	HS19152	Business Communication & Value Science – I
564.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	HS19251	Business Communication & Value Science – II
565.	CB	B.Tech INFORMATION TECHNOLOGY	HS19411	Business Communication & Value Science – III
566.	IT	B.Tech INFORMATION TECHNOLOGY	IT17501	Automata Theory and Compiler Design
567.	IT	B.Tech INFORMATION TECHNOLOGY	IT17502	Web Technology
568.	IT	B.Tech INFORMATION	IT17503	Embedded Programming



		TECHNOLOGY		
569.	IT	B.Tech INFORMATION TECHNOLOGY	IT17511	Web Technology Laboratory
570.	IT	B.Tech INFORMATION TECHNOLOGY	IT17512	Embedded Programming Laboratory
571.	IT	B.Tech INFORMATION TECHNOLOGY	IT17601	Computational Intelligence
572.	IT	B.Tech INFORMATION TECHNOLOGY	IT17602	Mobile Communication
573.	IT	B.Tech INFORMATION TECHNOLOGY	IT17603	Agile Methodologies
574.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	IT17611	Mobile Application Development Laboratory
575.	IT	B.Tech INFORMATION TECHNOLOGY	IT17612	Mini Project
576.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	IT17701	Data Analytics
577.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	IT17711	Data Analytics Laboratory
578.	IT	B.Tech INFORMATION TECHNOLOGY	IT17811	Project Work
579.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	IT17E62	Data Warehousing and Data Mining
580.	IT	B.Tech INFORMATION TECHNOLOGY	IT17E74	Design Thinking
581.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17E75	Software Project Management
582.	IT	B.Tech INFORMATION TECHNOLOGY	IT17E81	Service Oriented Architecture
583.	CS	B.Tech INFORMATION TECHNOLOGY	IT17E82	Internet of Things
584.	IT	B.Tech INFORMATION TECHNOLOGY	IT19241	Data Structures Fundamentals
585.	IT	B.Tech INFORMATION TECHNOLOGY	IT19301	Digital Electronics



586.	IT	B.Tech INFORMATION TECHNOLOGY	IT19302	Software Engineering Essentials
587.	IT	B.Tech INFORMATION TECHNOLOGY	IT19303	Advanced Data Structures
588.	IT	B.Tech INFORMATION TECHNOLOGY	IT19341	Introduction to OOP and Java
589.	IT	B.Tech INFORMATION TECHNOLOGY	IT19401	Computer Organization
590.	IT	B.Tech INFORMATION TECHNOLOGY	IT19441	Operating System Design
591.	AE, AT, CE, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MA19151	ALGEBRA AND CALCULUS
592.	BM, CS, EE, EC, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY	MA19152	Linear Algebra and Applied Calculus
593.	BT, CH	B.Tech BIOTECHNOLOGY B.Tech CHEMICAL ENGINEERING	MA19153	Applied Calculus
594.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19154	Discrete Mathematics
595.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19155	Introductory topics in Statistics, Probability and Calculus
596.	CD	B.E. COMPUTER SCIENCE AND DESIGN	MA19156	Linear Algebra and Calculus



597.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19241	Statistical Modeling
598.	AE, AT, BT, CH, CE, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.E. ROBOTICS & AUTOMATION	MA19251	DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS
599.	BM, CS, EE, EC	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MA19252	Differential Equations and Complex Variables
600.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19253	Linear Algebra
601.	AI	B.Tech. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	MA19254	Probability and Inferential Statistics
602.	AE, AT, CH	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.Tech CHEMICAL ENGINEERING	MA19255	Transforms and Partial Differential Equations
603.	BM	B.E. BIOMEDICAL ENGINEERING	MA19351	TRANSFORMS & STATISTICS
604.	BT, EE	B.TECH BIOTECHNOLOGY,	MA19352	Transforms and Special Functions



		B.E. ELECTRICAL AND ELECTRONICS ENGINEERING		
605.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA19353	Transforms and Numerical Methods
606.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MA19354	Transforms and Discrete Mathematics
607.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	MA19355	Transforms and Applications
608.	AE, CH, CE	B.E. AERONAUTICAL ENGINEERING, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING	MA19441	Optimization Techniques
609.	BT	B.TECH BIOTECHNOLOGY	MA19451	NUMERICAL METHODS
610.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA19453	Probability and Statistics
611.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MA19454	Probability, Statistics and Queuing Theory
612.	ME	B.E. MECHANICAL ENGINEERING	MA19455	Statistics & Numerical Methods
613.	ME	B.E. MECHANICAL ENGINEERING	ME17501	Design of Machine Elements
614.	ME	B.E. MECHANICAL ENGINEERING	ME17502	Dynamics of Machines
615.	ME	B.E. MECHANICAL ENGINEERING	ME17503	Metrology and Measurements
616.	ME	B.E. MECHANICAL ENGINEERING	ME17504	Heat and Mass Transfer
617.	ME	B.E. MECHANICAL ENGINEERING	ME17511	Kinematics and Dynamics Laboratory
618.	ME	B.E. MECHANICAL ENGINEERING	ME17512	Thermal Engineering Laboratory
619.	ME	B.E. MECHANICAL ENGINEERING	ME17513	Metrology and Measurements Laboratory
620.	ME	B.E. MECHANICAL ENGINEERING	ME17514	Design and Development Project - I
621.	ME	B.E. MECHANICAL	ME17601	Automobile Engineering



		ENGINEERING		
622.	ME	B.E. MECHANICAL ENGINEERING	ME17602	Design of Transmission Systems
623.	ME	B.E. MECHANICAL ENGINEERING	ME17603	Thermal Engineering – II
624.	ME	B.E. MECHANICAL ENGINEERING	ME17604	Finite Element Analysis
625.	ME	B.E. MECHANICAL ENGINEERING	ME17605	Elements of Computer Aided Design
626.	ME	B.E. MECHANICAL ENGINEERING	ME17611	C.A.D. / C.A.M. Laboratory
627.	ME	B.E. MECHANICAL ENGINEERING	ME17612	Design and Development Project – II
628.	ME	B.E. MECHANICAL ENGINEERING	ME17701	Mechatronics
629.	ME	B.E. MECHANICAL ENGINEERING	ME17702	Hydraulics and Pneumatics
630.	ME	B.E. MECHANICAL ENGINEERING	ME17703	Process Planning and Cost Estimation
631.	ME	B.E. MECHANICAL ENGINEERING	ME17711	Simulation and Analysis Laboratory
632.	ME	B.E. MECHANICAL ENGINEERING	ME17712	Automation Laboratory
633.	ME	B.E. MECHANICAL ENGINEERING	ME17713	Comprehension
634.	ME	B.E. MECHANICAL ENGINEERING	ME17714	Technical Seminar/ In plant Training
635.	ME	B.E. MECHANICAL ENGINEERING	ME17811	Project Work
636.	ME	B.E. MECHANICAL ENGINEERING	ME17E62	Unconventional Machining Processes
637.	ME	B.E. MECHANICAL ENGINEERING	ME17E63	Renewable Sources of Energy
638.	ME	B.E. MECHANICAL ENGINEERING	ME17E71	Introduction to Power plant Engineering (Elective II)
639.	ME	B.E. MECHANICAL ENGINEERING	ME17E72	Refrigeration and Air conditioning (Elective II)
640.	ME	B.E. MECHANICAL ENGINEERING	ME17E73	Welding Technology (Elective II)
641.	ME	B.E. MECHANICAL ENGINEERING	ME17E75	Gas Dynamics and Jet Propulsion (Elective II)
642.	ME	B.E. MECHANICAL	ME17E76	Robotics (Elective III)



		ENGINEERING		
643.	ME	B.E. MECHANICAL ENGINEERING	ME17E77	Computational Fluid Dynamics (Elective III)
644.	ME	B.E. MECHANICAL ENGINEERING	ME17E78	Computer Integrated Manufacturing Systems (Elective III)
645.	ME	B.E. MECHANICAL ENGINEERING	ME17E79	Non Destructive Testing and Evaluation (Elective III)
646.	ME	B.E. MECHANICAL ENGINEERING	ME17E81	Production Planning and Control
647.	ME	B.E. MECHANICAL ENGINEERING	ME17E82	Operations Research
648.	ME	B.E. MECHANICAL ENGINEERING	ME17E85	Advanced I.C. Engines
649.	ME	B.E. MECHANICAL ENGINEERING	ME17E86	Additive Manufacturing
650.	ME	B.E. MECHANICAL ENGINEERING	ME17E88	Energy Engineering and Management
651.	ME	B.E. MECHANICAL ENGINEERING	ME19201	Manufacturing Processes
652.	BM	B.E. MECHANICAL ENGINEERING	ME19251	Engineering Mechanics for Biomedical Engineers
653.	ME	B.E. BIOMEDICAL ENGINEERING	ME19301	Engineering Thermodynamics
654.	ME	B.E. MECHANICAL ENGINEERING	ME19302	Metal cutting and Machine tools
655.	ME	B.E. MECHANICAL ENGINEERING	ME19303	Kinematics of Machinery
656.	ME	B.E. MECHANICAL ENGINEERING	ME19311	Machine Drawing Lab
657.	ME	B.E. MECHANICAL ENGINEERING	ME19312	Manufacturing Tech Lab
658.	ME	B.E. MECHANICAL ENGINEERING	ME19401	Thermal Engineering
659.	ME	B.E. MECHANICAL ENGINEERING	ME19402	Strength of Materials
660.	ME	B.E. MECHANICAL ENGINEERING	ME19403	Fluid Mechanics & Machinery
661.	ME	B.E. MECHANICAL ENGINEERING	ME19404	Engineering Materials & Metallurgy
662.	ME	B.E. MECHANICAL ENGINEERING	ME19411	Strength of Materials and Fluid Mechanics and Machinery



				Laboratory
663.	IT	B.Tech INFORMATION TECHNOLOGY	ME19412	Thermal Engineering Lab - I
664.	AV	M.E. AVIONICS	MG17E81	Lean Startup Management
665.	MX	M.E. MEDICAL ELECTRONICS	MH19101	Advanced Applied Mathematics
666.	BY	M.TECH BIOTECHNOLOGY	MH19102	Applied Mathematics for Electronics Engineers
667.	CP	M.E. COMPUTER SCIENCE&ENGINEERING	MH19103	Statistical Techniques for Biotechnologist
668.	CU	M.E. COMMUNICATION SYSTEMS	MH19104	Applied Probability and Statistics
669.	ET	M.E. EMBEDDED SYSTEM TECHNOLOGIES	MH19105	Applied Mathematics for Communication Engineers
670.	MT	B.E. MECHATRONICS	MH19106	Applied Mathematics for Electrical Engineers
671.	MT	B.E. MECHATRONICS	MT17501	CNC Technology and Applications
672.	MT	B.E. MECHATRONICS	MT17502	Programming for automation Using C/C++
673.	MT	B.E. MECHATRONICS	MT17503	Thermodynamics and Heat Transfer
674.	MT	B.E. MECHATRONICS	MT17504	Theory of Machines and Mechanisms
675.	MT	B.E. MECHATRONICS	MT17505	Industrial Electronics and Applications
676.	MT	B.E. MECHATRONICS	MT17511	Power Electronic Devices Laboratory
677.	MT	B.E. MECHATRONICS	MT17512	Dynamics Laboratory
678.	MT	B.E. MECHATRONICS	MT17513	Programming for automation Using C/C++ Laboratory
679.	MT	B.E. MECHATRONICS	MT17E75	Automotive Mechatronics
680.	MT	B.E. MECHATRONICS	MT17514	Mini Project
681.	MT	B.E. MECHATRONICS	MT17601	Fundamentals of Machine Design
682.	MT	B.E. MECHATRONICS	MT17602	Design of Mechatronics System
683.	MT	B.E. MECHATRONICS	MT17603	Applied Hydraulics and Pneumatics
684.	MT	B.E. MECHATRONICS	MT17604	Industrial Automation
685.	MT	B.E. MECHATRONICS	MT17611	Applied Hydraulics and Pneumatics Laboratory
686.	MT	B.E. MECHATRONICS	MT17612	Industrial Automation Laboratory



687.	MT	B.E. MECHATRONICS	MT17613	Comprehension
688.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MT17701	Computer Aided Design and Manufacturing
689.	MT	B.E. MECHATRONICS	MT17702	Robotics and Machine vision system
690.	MT	B.E. MECHATRONICS	MT17711	Computer Aided Engineering Laboratory
691.	MT	B.E. MECHATRONICS	MT17712	Robotics Laboratory
692.	MT	B.E. MECHATRONICS	MT17713	Project Workphase I
693.	MT,RO	B.E. MECHATRONICS, B,E, ROBOTICS & AUTOMATION	MT17811	Project Workphase II
694.	MT	B.E. MECHATRONICS	MT19221	Computer Aided Drawing Lab
695.	MT	B.E. MECHATRONICS	MT17E71	Autonomous Mobile Robots
696.	MT	B.E. MECHATRONICS	MT19301	Analog Devices and Circuits
697.	MT	B.E. MECHATRONICS	MT19302	Digital System Design
698.	MT	B.E. MECHATRONICS	MT19303	Fluid mechanics and thermal sciences
699.	MT	B.E. MECHATRONICS	MT19304	Mechanics of Solids
700.	MT	B.E. MECHATRONICS	MT19311	Digital System Design Lab
701.	MT	B.E. MECHATRONICS	MT19312	Strength of Materials and Fluid Mechanics Lab
702.	MT	B.E. MECHATRONICS	MT19401	Manufacturing Technology
703.	MT	B.E. MECHATRONICS	MT19402	Microcontrollers and Embedded Systems
704.	MT	B.E. MECHATRONICS	MT19403	Sensors and Instrumentation
705.	MT	B.E. MECHATRONICS	MT19411	Microprocessors and Microcontrollers for Automation Laboratory
706.	MT	B.E. MECHATRONICS	MT19412	Sensors and Instrumentation Lab
707.	MT	B.E. MECHATRONICS	MT19421	Manufacturing Technology lab
708.	MX	M.E. MEDICAL ELECTRONICS	ME19P79	Non-Destructive Testing and Evaluation
709.	MX	M.E. MEDICAL ELECTRONICS	MX19101	Anatomy & Physiology of Human Body
710.	MX	M.E. MEDICAL ELECTRONICS	MX19102	Biosignal Acquisition and Processing
711.	MX	M.E. MEDICAL ELECTRONICS	MX19103	Research and Patenting Methodology for Bioengineers



712.	MX	M.E. MEDICAL ELECTRONICS	MX19104	Advanced Biomedical Equipment
713.	MX	M.E. MEDICAL ELECTRONICS	MX19111	Biomedical Instrumentation and Processing Laboratory
714.	MX	M.E. MEDICAL ELECTRONICS	MX19201	Medical Imaging and Processing Techniques
715.	MX	M.E. MEDICAL ELECTRONICS	MX19202	Biophotonics
716.	MX	M.E. MEDICAL ELECTRONICS	MX19203	Medical Device Development - Concept to Market
717.	MX	M.E. MEDICAL ELECTRONICS	MX19221	Technical Seminar on research topics
718.	MX	M.E. MEDICAL ELECTRONICS	MX19241	Advanced Microcontrollers and Prototype Development
719.	MX	M.E. MEDICAL ELECTRONICS	MX19311	Project Work – Phase I
720.	MX	M.E. MEDICAL ELECTRONICS	MX19312	Training in Healthcare Sector
721.	MX	M.E. MEDICAL ELECTRONICS	MX19411	Project Work - Phase II
722.	MX	M.E. MEDICAL ELECTRONICS	MX19P13	Medical Informatics
723.	MX	M.E. MEDICAL ELECTRONICS	MX19P23	Rehabilitation & Assistive Technology
724.	MX	M.E. MEDICAL ELECTRONICS	MX19P26	Physiological Control Systems
725.	MX	M.E. MEDICAL ELECTRONICS	MX19P28	Structure and Function of Biomaterials
726.	MX	B.E. MECHANICAL ENGINEERING	MX19P33	Medical Textiles
727.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	OCE1701	Disaster Management
728.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	OCS1902	OOPS using JAVA
729.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	OGE1701	Human Rights
730.	ME,AT,EC,MT,	B.E. AUTOMOBILE ENGINEERING,B.E. ELECTRONICS & COMMUNICATION ENGINEERING , B.E. MECHATRONICS, B.E.	OGE1703	German Language



		MECHANICAL ENGINEERING		
731.	AT,EC,MT ,ME	B.E. AUTOMOBILE ENGINEERING,B.E. ELECTRONICS & COMMUNICATION ENGINEERING , B.E. MECHATRONICS, B.E. MECHANICAL ENGINEERING	OGE1705	Programing logic (Open Elective- II)
732.	EC,MT	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING, B.E. MECHATRONICS	OGE1706	Advanced Programming Logic
733.	AT,MT	B.E. AUTOMOBILE ENGINEERING B.E MECHATRONICS ENGINEERING	OME1705	Supply chain and Logistics Management
734.	AT	B.E. AUTOMOBILE ENGINEERING	OMT1702	Elements of Automation
735.	CU,CS,DS ,ED	M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE&ENGINEERING, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES	OIT1706	Machine Learning and R Programming
736.	AV, BY, CU, CP, DS, ED, ET	M.E. AVIONICS, M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE&ENGINEERING, M.TECH DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM TECHNOLOGIES	PG19101	Research Methodology and IPR



737.	AE, AT, CE, ME, MT, RO	B.E. AERONAUTICAL ENGINEERING B.E.AUTOMOBILE ENGINEERING B.E. CIVIL ENGINEERING B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS AND AUTOMATION	PH19141	PHYSICS OF MATERIALS
738.	BM, BT	B.E. BIOMEDICAL ENGINEERING B.TECH BIOTECHNOLOGY	PH19142	Physics for Bioscience
739.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	PH19143	Fundamentals of Physics
740.	CH	B.Tech CHEMICAL ENGINEERING	PH19151	Physics for Chemical Engineering
741.	AI, CD, CS, IT	B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING B.E COMPUTER SCIENCE AND DESIGN, B.E. COMPUTER SCIENCE AND ENGINEERING B.TECH INFORMATION TECHNOLOGY	PH19241	Physics for Information Science
742.	EE, EC	B.E. ELECTRICAL ENGINEERING B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	PH19242	Physics for Electronics Engineering
743.	AE	B.E. AERONAUTICAL ENGINEERING	PH19243	Material Science



List of courses offered across all programs during last five years

ACADEMIC YEAR 2019-20

S.No	Program Code	Program Name	Course code	Name of the Course
1.	AE	B.E. AERONAUTICAL ENGINEERING	AE17301	Manufacturing Technology
2.	AE	B.E. AERONAUTICAL ENGINEERING	AE17302	Aero Engineering Thermodynamics
3.	AE	B.E. AERONAUTICAL ENGINEERING	AE17303	Fluid Mechanics and Machinery
4.	AE	B.E. AERONAUTICAL ENGINEERING	AE17304	Solid Mechanics
5.	AE	B.E. AERONAUTICAL ENGINEERING	AE17305	Element of Aeronautics
6.	AE	B.E. AERONAUTICAL ENGINEERING	AE17311	Thermodynamics Laboratory
7.	AE	B.E. AERONAUTICAL ENGINEERING	AE17312	Computer Aided Modeling Laboratory
8.	AE	B.E. AERONAUTICAL ENGINEERING	AE17361	Solid Mechanics and Fluid Mechanics Laboratory
9.	AE	B.E. AERONAUTICAL ENGINEERING	AE17401	Aerodynamics - I
10.	AE	B.E. AERONAUTICAL ENGINEERING	AE17402	Aircraft Systems and Instruments
11.	AE	B.E. AERONAUTICAL ENGINEERING	AE17403	Mechanics of Machines
12.	AE	B.E. AERONAUTICAL ENGINEERING	AE17404	Aircraft Structures - I
13.	AE	B.E. AERONAUTICAL ENGINEERING	AE17405	Aircraft Performance
14.	AE	B.E. AERONAUTICAL ENGINEERING	AE17411	Aero Engine and Systems Laboratory
15.	AE	B.E. AERONAUTICAL ENGINEERING	AE17412	Aerodynamics Laboratory - I
16.	AE	B.E. AERONAUTICAL ENGINEERING	AE17413	Aircraft Component Drawing
17.	AE	B.E. AERONAUTICAL ENGINEERING	AE17501	Propulsion - I
18.	AE	B.E. AERONAUTICAL ENGINEERING	AE17502	Aircraft Structures - II
19.	AE	B.E. AERONAUTICAL	AE17503	Aerodynamics - II



		ENGINEERING		
20.	AE	B.E. AERONAUTICAL ENGINEERING	AE17504	Aircraft Stability and Control
21.	AE	B.E. AERONAUTICAL ENGINEERING	AE17505	Control Engineering
22.	AE	B.E. AERONAUTICAL ENGINEERING	AE17511	Aircraft Structures Laboratory
23.	AE	B.E. AERONAUTICAL ENGINEERING	AE17512	Airframe Repair Laboratory
24.	AE	B.E. AERONAUTICAL ENGINEERING	AE17513	Aerodynamics Laboratory - II
25.	AE	B.E. AERONAUTICAL ENGINEERING	AE17514	Industrial Training*
26.	AE	B.E. AERONAUTICAL ENGINEERING	AE17601	Propulsion - II
27.	AE	B.E. AERONAUTICAL ENGINEERING	AE17602	Finite Element Methods
28.	AE	B.E. AERONAUTICAL ENGINEERING	AE17603	Flight Vehicle Design
29.	AE	B.E. AERONAUTICAL ENGINEERING	AE17604	Composite Materials and Structures
30.	AE	B.E. AERONAUTICAL ENGINEERING	AE17605	Experimental Aerodynamics
31.	AE	B.E. AERONAUTICAL ENGINEERING	AE17611	Structural Analysis and MATLAB Laboratory
32.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E51	Theory of Elasticity
33.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E52	Heat Transfer
34.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E53	Airframe Maintenance and Repair
35.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E54	Total Quality Management
36.	AE	B.E. AERONAUTICAL ENGINEERING	AE17E55	Applied Aerodynamics
37.	AE	B.E. AERONAUTICAL ENGINEERING	AE6005	Helicopter Theory
38.	AE	B.E. AERONAUTICAL ENGINEERING	AE6006	Theory of Plates and Shells
39.	AE	B.E. AERONAUTICAL ENGINEERING	AE6007	Fatigue and Fracture
40.	AE	B.E. AERONAUTICAL	AE6008	UAV Systems



		ENGINEERING		
41.	AE	B.E. AERONAUTICAL ENGINEERING	AE6009	Industrial Aerodynamics
42.	AE	B.E. AERONAUTICAL ENGINEERING	AE6010	Airframe Maintenance and Repair
43.	AE	B.E. AERONAUTICAL ENGINEERING	AE6011	Aero Engine Maintenance and Repair
44.	AE	B.E. AERONAUTICAL ENGINEERING	AE6012	Air Traffic Control and Planning
45.	AE	B.E. AERONAUTICAL ENGINEERING	AE6013	Hypersonic Aerodynamics
46.	AE	B.E. AERONAUTICAL ENGINEERING	AE6014	Experimental Aerodynamics
47.	AE	B.E. AERONAUTICAL ENGINEERING	AE6015	Rockets and Missiles
48.	AE	B.E. AERONAUTICAL ENGINEERING	AE6016	Structural Dynamics
49.	AE	B.E. AERONAUTICAL ENGINEERING	AE6701	Avionics
50.	AE	B.E. AERONAUTICAL ENGINEERING	AE6702	Experimental Stress Analysis
51.	AE	B.E. AERONAUTICAL ENGINEERING	AE6711	Aircraft Design Project
52.	AE	B.E. AERONAUTICAL ENGINEERING	AE6712	Aircraft Systems Laboratory
53.	AE	B.E. AERONAUTICAL ENGINEERING	AE6713	Flight Integration Systems and Control Laboratory
54.	AE	B.E. AERONAUTICAL ENGINEERING	AE6801	Wind Tunnel Techniques
55.	AE	B.E. AUTOMOBILE ENGINEERING	AE6811	Project Work
56.	AT	B.E. AUTOMOBILE ENGINEERING	AT17301	Automotive Engines
57.	AT	B.E. AUTOMOBILE ENGINEERING	AT17302	Automotive Chassis
58.	AT	B.E. AUTOMOBILE ENGINEERING	AT17303	Automotive Heat Transfer
59.	AT	B.E. AUTOMOBILE ENGINEERING	AT17304	Production Technology - I
60.	AT	B.E. AUTOMOBILE ENGINEERING	AT17311	(a) Thermal Laboratory and (b) Fluid Mechanics and Machinery Laboratory



61.	AT	B.E. AUTOMOBILE ENGINEERING	AT17312	Engine Performance and Emission Testing Laboratory
62.	AT	B.E. AUTOMOBILE ENGINEERING	AT17313	Automotive Components Lab
63.	AT	B.E. AUTOMOBILE ENGINEERING	AT17401	Theory of Machines
64.	AT	B.E. AUTOMOBILE ENGINEERING	AT17402	Automotive Transmission
65.	AT	B.E. AUTOMOBILE ENGINEERING	AT17403	Engineering Materials and Metallurgy
66.	AT	B.E. AUTOMOBILE ENGINEERING	AT17404	Production Technology - II
67.	AT	B.E. AUTOMOBILE ENGINEERING	AT17405	Strength of Materials for Automobile Engineers
68.	AT	B.E. AUTOMOBILE ENGINEERING	AT17411	(a) Strength of Materials Laboratory and(b) Theory of Machines Laboratory
69.	AT	B.E. AUTOMOBILE ENGINEERING	AT17412	Production Technology Laboratory
70.	AT	B.E. AUTOMOBILE ENGINEERING	AT17413	Computer Aided Automotive Machine Drawing Lab
71.	AT	B.E. AUTOMOBILE ENGINEERING	AT17501	Vehicle Dynamics
72.	AT	B.E. AUTOMOBILE ENGINEERING	AT17502	Electrical Drives and Microcontrollers
73.	AT	B.E. AUTOMOBILE ENGINEERING	AT17503	Automotive Electrical and Electronics
74.	AT	B.E. AUTOMOBILE ENGINEERING	AT17504	Automotive Pollution and Control
75.	AT	B.E. AUTOMOBILE ENGINEERING	AT17505	Machine Design
76.	AT	B.E. AUTOMOBILE ENGINEERING	AT17511	Automotive Electrical and Electronics Laboratory
77.	AT	B.E. AUTOMOBILE ENGINEERING	AT17512	Geometric Modelling of Automotive Systems
78.	AT	B.E. AUTOMOBILE ENGINEERING	AT17601	Automotive System Design
79.	AT	B.E. AUTOMOBILE ENGINEERING	AT17602	Electric and Hybrid Vehicles
80.	AT	B.E. AUTOMOBILE ENGINEERING	AT17603	Automotive Fuels and Lubricants
81.	AT	B.E. AUTOMOBILE ENGINEERING	AT17604	Finite Element Analysis for Automobile Engineers



82.	AT	B.E. AUTOMOBILE ENGINEERING	AT17611	Automotive Fuels and Lubricants Laboratory
83.	AT	B.E. AUTOMOBILE ENGINEERING	AT17612	Computer Aided Vehicle Design Data Characteristics Laboratory
84.	AT	B.E. AUTOMOBILE ENGINEERING	AT17613	Mini Project
85.	AT	B.E. AUTOMOBILE ENGINEERING	AT6007	New Generation and Hybrid Vehicles
86.	AT	B.E. AUTOMOBILE ENGINEERING	AT6011	Automotive Safety
87.	AT	B.E. AUTOMOBILE ENGINEERING	AT6013	Transport Management
88.	AT	B.E. AUTOMOBILE ENGINEERING	AT6701	Engine and Vehicle Management System
89.	AT	B.E. AUTOMOBILE ENGINEERING	AT6702	Vehicle Maintenance
90.	AT	B.E. AUTOMOBILE ENGINEERING	AT6703	Automotive Pollution and Control
91.	AT	B.E. AUTOMOBILE ENGINEERING	AT6711	Engine Performance and Emission Testing Laboratory
92.	AT	B.E. AUTOMOBILE ENGINEERING	AT6712	Vehicle Maintenance Laboratory
93.	AT	B.E. AUTOMOBILE ENGINEERING	AT6801	Vehicle Body Engineering
94.	AT	M.E. AVIONICS	AT6811	Project Work
95.	AV	M.E. AVIONICS	AV17101	Aerospace Engineering (for Non-Aero Students)
96.	AV	M.E. AVIONICS	AV17102	Electronic Systems (for Aero Students)
97.	AV	M.E. AVIONICS	AV17103	Image Processing for Aerospace Applications
98.	AV	M.E. AVIONICS	AV17104	Digital Avionics
99.	AV	M.E. AVIONICS	AV17105	Flight Instrumentation
100.	AV	M.E. AVIONICS	AV17106	Avionics System Engineering
101.	AV	M.E. AVIONICS	AV17111	Avionics Integration Laboratory
102.	AV	M.E. AVIONICS	AV17112	Image Processing Laboratory
103.	AV	M.E. AVIONICS	AV17201	Communication and Navigation Systems
104.	AV	M.E. AVIONICS	AV17202	System Modelling and Simulation
105.	AV	M.E. AVIONICS	AV17203	UAV System Design
106.	AV	M.E. AVIONICS	AV17204	Aerospace Guidance and Control



107.	AV	M.E. AVIONICS	AV17211	Flight Control Systems Laboratory
108.	AV	M.E. AVIONICS	AV17212	Unmanned Aerial Vehicle Laboratory
109.	AV	M.E. AVIONICS	AV17301	Technical Seminar
110.	AV	M.E. AVIONICS	AV17311	Project Work (Phase I)
111.	AV	M.E. AVIONICS	AV17411	Project Work (Phase II)
112.	AV	M.E. AVIONICS	AV19101	Aerospace Engineering (for Non-Aero graduates)
113.	AV	M.E. AVIONICS	AV19102	Electronic Systems (for Aero graduates)
114.	AV	M.E. AVIONICS	AV19103	Digital Avionics
115.	AV	M.E. AVIONICS	AV19104	Image Processing for Aerospace Applications
116.	AV	M.E. AVIONICS	AV19111	Avionics Integration Laboratory
117.	AV	M.E. AVIONICS	AV19112	Image Processing Laboratory
118.	AV	M.E. AVIONICS	AV19201	Communication and Navigation Systems
119.	AV	M.E. AVIONICS	AV19202	Aerospace Guidance and Control
120.	AV	M.E. AVIONICS	AV19211	Flight Control Systems Laboratory
121.	AV	M.E. AVIONICS,	AV19212	Unmanned Aerial Vehicle Laboratory
122.	AV, BY, CU, CP, DS, ED, ET, MX	M.E. AVIONICS, M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE & ENGINEERING, M.Tech DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM & TECHNOLOGIES, M.E. MEDICAL ELECTRONICS	AC19101	English for Research Paper Writing



123.	AV, BY, CU, CP, DS, ED, ET, MX	M.E. AVIONICS, M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE & ENGINEERING, M.Tech DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM & TECHNOLOGIES, M.E. MEDICAL ELECTRONICS	AC19102	Constitution of India
124.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19101	Principles of Management and Business Environment
125.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19102	Managerial Economics, Indian Economy and Policy
126.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19103	Statistical Methods
127.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19104	Indian Ethos, Business Ethics, CSR & Governance
128.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19105	Organizational Behaviour
129.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19106	Financial Reporting, Statements and Analysis
130.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19107	Legal Aspects of Business
131.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19108	Business Communication
132.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19201	Operations Management
133.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19202	Corporate Strategy and Entrepreneurship
134.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19203	Marketing Management
135.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19204	Financial Management
136.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19205	Human Resources Management
137.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19206	Marketing Research
138.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19207	Applied Operations Research
139.	CB	B.TECH COMPUTER SCIENCE	BA19208	Fundamentals of Economics



		& BUSINESS SYSTEMS		
140.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19211	Computer Applications for Business
141.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19311	Summer Training (EEC)
142.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19411	Project work (EEC)
143.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P01	Consumer Behaviour
144.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P03	Retail Management
145.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P04	Product and Brand Management
146.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P05	Integrated Marketing Communication Strategy
147.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P07	Services Marketing
148.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P11	Investment Analysis, Portfolio Management & Financial Planning
149.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P12	Managing Banks and Financial Institutions
150.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P13	FinTech and Blockchain Applications in Finance
151.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P15	Financial Derivatives
152.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P16	Financial Markets and Institutions
153.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P21	Manpower Planning, Recruitment, and Selection
154.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P22	Employee Relations & Labour laws
155.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P24	Performance Management Systems
156.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P25	Organisational Leadership
157.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P26	Strategic HRM
158.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P51	Indian Models in Entrepreneurship
159.	BA	MASTER OF BUSINESS ADMINISTRATION	BA19P53	E - Retailing
160.	BM	B.E. BIOMEDICAL	BM17301	Human Anatomy and Physiology



		ENGINEERING		
161.	BM	B.E. BIOMEDICAL ENGINEERING	BM17302	Sensors and Measurements
162.	BM	B.E. BIOMEDICAL ENGINEERING	BM17303	Electric fields and Machines
163.	BM	B.E. BIOMEDICAL ENGINEERING	BM17304	Electronic circuits
164.	BM	B.E. BIOMEDICAL ENGINEERING	BM17305	Biochemical Science
165.	BM	B.E. BIOMEDICAL ENGINEERING	BM17311	Biochemistry and Physiology Laboratory
166.	BM	B.E. BIOMEDICAL ENGINEERING	BM17312	Electronic circuits and Laboratory
167.	BM	B.E. BIOMEDICAL ENGINEERING	BM17313	PCB Design Laboratory
168.	BM	B.E. BIOMEDICAL ENGINEERING	BM17401	Biomedical Instrumentation
169.	BM	B.E. BIOMEDICAL ENGINEERING	BM17402	Analog and Digital Integrated Circuits
170.	BM	B.E. BIOMEDICAL ENGINEERING	BM17403	Pathology and Microbiology
171.	BM	B.E. BIOMEDICAL ENGINEERING	BM17411	Analog and Digital Integrated Circuits Laboratory
172.	BM	B.E. BIOMEDICAL ENGINEERING	BM17412	Pathology and Microbiology Laboratory
173.	BM	B.E. BIOMEDICAL ENGINEERING	BM17501	Principles of Communication Systems
174.	BM	B.E. BIOMEDICAL ENGINEERING	BM17502	Biocontrol Systems
175.	BM	B.E. BIOMEDICAL ENGINEERING	BM17503	Signals and Systems Analysis
176.	BM	B.E. BIOMEDICAL ENGINEERING	BM17504	Microprocessor, Microcontroller and System Design
177.	BM	B.E. BIOMEDICAL ENGINEERING	BM17505	Hospital Engineering and Management
178.	BM	B.E. BIOMEDICAL ENGINEERING	BM17511	Microprocessor, Microcontroller and System Design Laboratory
179.	BM	B.E. BIOMEDICAL ENGINEERING	BM17512	Biomedical Instrumentation Laboratory
180.	BM	B.E. BIOMEDICAL ENGINEERING	BM17601	Digital Signal Processing Techniques
181.	BM	B.E. BIOMEDICAL	BM17602	Diagnostic Equipment



		ENGINEERING		
182.	BM	B.E. BIOMEDICAL ENGINEERING	BM17603	Biomechanics
183.	BM	B.E. BIOMEDICAL ENGINEERING	BM17604	Medical Physics
184.	BM	B.E. BIOMEDICAL ENGINEERING	BM17605	Therapeutic Equipment
185.	BM	B.E. BIOMEDICAL ENGINEERING	BM17611	Digital Signals and Processing Laboratory
186.	BM	B.E. BIOMEDICAL ENGINEERING	BM17612	Diagnostic and Therapeutic Equipment Laboratory
187.	BM	B.E. BIOMEDICAL ENGINEERING	BM17613	Medical Industrial Training
188.	BM	B.E. BIOMEDICAL ENGINEERING	BM19241	Electric Circuits and Electron Devices
189.	BM	B.E. BIOMEDICAL ENGINEERING	BM6005	Bioinformatics
190.	BM	B.E. BIOMEDICAL ENGINEERING	BM6010	Assist Devices
191.	BM	B.E. BIOMEDICAL ENGINEERING	BM6012	Wearable Systems
192.	BM	B.E. BIOMEDICAL ENGINEERING	BM6701	Pattern Recognition and Neural Networks
193.	BM	B.E. BIOMEDICAL ENGINEERING	BM6703	Medical Optics
194.	BM	B.E. BIOMEDICAL ENGINEERING	BM6711	Hospital Training
195.	BM	B.E. BIOMEDICAL ENGINEERING	BM6712	Digital Image Processing Laboratory
196.	BM	B.E. BIOMEDICAL ENGINEERING	BM6801	Rehabilitation Engineering
197.	BM	B.E. BIOMEDICAL ENGINEERING	BM6811	Project Work
198.	BT	B.TECH BIOTECHNOLOGY	BT19201	Biochemistry
199.	BT	B.TECH BIOTECHNOLOGY	BT19211	Biochemistry Laboratory
200.	BT	B.TECH BIOTECHNOLOGY	BT19301	Microbiology
201.	BT	B.TECH BIOTECHNOLOGY	BT19302	Enzyme Technology and Bio transformations
202.	BT	B.TECH BIOTECHNOLOGY	BT19303	Cell Biology
203.	BT	B.TECH BIOTECHNOLOGY	BT19304	Stoichiometry and Thermodynamics
204.	BT	B.TECH BIOTECHNOLOGY	BT19305	Basic Industrial Biotechnology



205.	BT	B.TECH BIOTECHNOLOGY	BT19311	Microbiology Laboratory
206.	BT	B.TECH BIOTECHNOLOGY	BT19312	Basic Biotechnology Laboratory
207.	BT	B.TECH BIOTECHNOLOGY	BT19401	Analytical Techniques in Biotechnology
208.	BT	B.TECH BIOTECHNOLOGY	BT19402	Fluid Mechanics and Heat transfer
209.	BT	B.TECH BIOTECHNOLOGY	BT19403	Food Biotechnology
210.	BT	B.TECH BIOTECHNOLOGY	BT19411	Heat and Mass Transfer Laboratory
211.	BT	B.TECH BIOTECHNOLOGY	BT19412	Food Processing and Preservation Laboratory
212.	BT	B.TECH BIOTECHNOLOGY	BT19501	Bioprocess Principles
213.	BT	B.TECH BIOTECHNOLOGY	BT19502	Molecular Biology
214.	BT	B.TECH BIOTECHNOLOGY	BT19503	Separation Process Principles
215.	BT	B.TECH BIOTECHNOLOGY	BT19504	Immunology
216.	BT	B.TECH BIOTECHNOLOGY	BT19511	Bioprocess Laboratory- I
217.	BT	B.TECH BIOTECHNOLOGY	BT19512	Immunology Laboratory
218.	BT	B.TECH BIOTECHNOLOGY	BT19601	Bioprocess Technology
219.	BT	B.TECH BIOTECHNOLOGY	BT19602	Genetic Engineering
220.	BT	B.TECH BIOTECHNOLOGY	BT19603	Chemical Reaction Engineering
221.	BT	B.TECH BIOTECHNOLOGY	BT19604	Innovation and Design Thinking for Biotechnologists
222.	BT	B.TECH BIOTECHNOLOGY	BT19611	Bioprocess Laboratory II
223.	BT	B.TECH BIOTECHNOLOGY	BT19612	Molecular Biology and Genetic Engineering Laboratory
224.	BT	B.TECH BIOTECHNOLOGY	BT19613	Numerical Programming for Biotechnologists
225.	BT	B.TECH BIOTECHNOLOGY	BT19614	Industry Training
226.	BT	B.TECH BIOTECHNOLOGY	BT19701	Downstream Processing
227.	BT	B.TECH BIOTECHNOLOGY	BT19702	Bioinformatics
228.	BT	B.TECH BIOTECHNOLOGY	BT19703	Protein Engineering
229.	BT	B.TECH BIOTECHNOLOGY	BT19711	Downstream Processing Laboratory
230.	BT	B.TECH BIOTECHNOLOGY	BT19712	Bioinformatics Laboratory
231.	BT	B.TECH BIOTECHNOLOGY	BT19801	Project Work
232.	BY	M.TECH BIOTECHNOLOGY	BY19101	Advanced Genetic Engineering
233.	BY	M.TECH BIOTECHNOLOGY	BY19102	Enzyme Technology and Fermentation Technology
234.	BY	M.TECH BIOTECHNOLOGY	BY19103	Bioinformatics and Applications
235.	BY	M.TECH BIOTECHNOLOGY	BY19111	Preparative and Analytical Techniques in Biotechnology
236.	BY	M.TECH BIOTECHNOLOGY	BY19201	Bio separation Technology



237.	BY	M.TECH BIOTECHNOLOGY	BY19202	Bioreaction Engineering
238.	BY	M.TECH BIOTECHNOLOGY	BY19203	Biopharmaceuticals and Biosimilars
239.	BY	M.TECH BIOTECHNOLOGY	BY19204	Immunotechnology
240.	BY	M.TECH BIOTECHNOLOGY	BY19205	Advanced Genomics and Proteomics
241.	BY	M.TECH BIOTECHNOLOGY	BY19211	Immunotechnology Laboratory
242.	BY	M.TECH BIOTECHNOLOGY	BY19311	Advanced Molecular Biology and Genetic Engineering Laboratory
243.	BY	M.TECH BIOTECHNOLOGY	BY19312	Bioprocess and Downstream processing laboratory
244.	BY	M.TECH BIOTECHNOLOGY	BY19313	Project Phase I
245.	BY	M.TECH BIOTECHNOLOGY	BY19411	Project Phase II
246.	BY	M.TECH BIOTECHNOLOGY	BY19P11	Molecular concepts in Biotechnology
247.	BY	M.TECH BIOTECHNOLOGY	BY19P12	Analytical Techniques in Biotechnology
248.	BY	M.TECH BIOTECHNOLOGY	BY19P14	Oncogenetics
249.	BY	M.TECH BIOTECHNOLOGY	BY19P15	Advances in Animal Biotechnology
250.	BY	M.TECH BIOTECHNOLOGY	BY19P18	Food Science and Technology
251.	BY	M.TECH BIOTECHNOLOGY	BY19P21	Bionanotechnology
252.	BY	M.TECH BIOTECHNOLOGY	BY19P23	Advances in Molecular Pathogenesis
253.	BY	M.TECH BIOTECHNOLOGY	BY19P26	Tissue Engineering
254.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	CB19141	Fundamentals of Computer Science
255.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	CB19241	Data Structures & Algorithms
256.	CE	B.E. CIVIL ENGINEERING	CE17301	Engineering Geology
257.	CE	B.E. CIVIL ENGINEERING	CE17302	Construction Materials
258.	CE	B.E. CIVIL ENGINEERING	CE17303	Strength of Materials I
259.	CE	B.E. CIVIL ENGINEERING	CE17304	Fluid Mechanics
260.	CE	B.E. CIVIL ENGINEERING	CE17305	Surveying
261.	CE	B.E. CIVIL ENGINEERING	CE17311	Surveying Laboratory
262.	CE	B.E. CIVIL ENGINEERING	CE17312	Strength of Materials Laboratory
263.	CE	B.E. CIVIL ENGINEERING	CE17401	Construction Techniques, Equipment and Practice
264.	CE	B.E. CIVIL ENGINEERING	CE17402	Strength of Materials II
265.	CE	B.E. CIVIL ENGINEERING	CE17403	Applied Hydraulic Engineering
266.	CE	B.E. CIVIL ENGINEERING	CE17404	Concrete Technology
267.	CE	B.E. CIVIL ENGINEERING	CE17405	Soil Mechanics
268.	CE	B.E. CIVIL ENGINEERING	CE17411	Soil Mechanics Laboratory



269.	CE	B.E. CIVIL ENGINEERING	CE17412	Hydraulic Engineering Laboratory
270.	CE	B.E. CIVIL ENGINEERING	CE17501	Design of Reinforced Concrete Elements
271.	CE	B.E. CIVIL ENGINEERING	CE17502	Foundation Engineering
272.	CE	B.E. CIVIL ENGINEERING	CE17503	Structural Analysis I
273.	CE	B.E. CIVIL ENGINEERING	CE17504	Highway Engineering
274.	CE	B.E. CIVIL ENGINEERING	CE17511	Construction Materials Laboratory
275.	CE	B.E. CIVIL ENGINEERING	CE17512	Survey Camp
276.	CE	B.E. CIVIL ENGINEERING	CE17513	Highway Engineering Laboratory
277.	CE	B.E. CIVIL ENGINEERING	CE17601	Design of Steel Structural Elements
278.	CE	B.E. CIVIL ENGINEERING	CE17602	Structural Analysis II
279.	CE	B.E. CIVIL ENGINEERING	CE17603	Irrigation Engineering
280.	CE	B.E. CIVIL ENGINEERING	CE17604	Water Supply Engineering
281.	CE	B.E. CIVIL ENGINEERING	CE17605	Waste Water Engineering
282.	CE	B.E. CIVIL ENGINEERING	CE17611	Water and Waste Water Analysis Laboratory
283.	CE	B.E. CIVIL ENGINEERING	CE17612	Irrigation and Environmental Engineering Drawing
284.	CE	B.E. CIVIL ENGINEERING	CE19211	Computer Aided Building Drawing
285.	CE	B.E. CIVIL ENGINEERING	CE6006	Traffic Engineering and Management
286.	CE	B.E. CIVIL ENGINEERING	CE6010	Pavement Engineering
287.	CE	B.E. CIVIL ENGINEERING	CE6012	Ground Improvement Techniques
288.	CE	B.E. CIVIL ENGINEERING	CE6016	Prefabricated Structures
289.	CE	B.E. CIVIL ENGINEERING	CE6021	Repair and Rehabilitation of Structures
290.	CE	B.E. CIVIL ENGINEERING	CE6701	Structural Dynamics and Earthquake Engineering
291.	CE	B.E. CIVIL ENGINEERING	CE6702	Prestressed Concrete Structures
292.	CE	B.E. CIVIL ENGINEERING	CE6703	Water Resources and Irrigation Engineering
293.	CE	B.E. CIVIL ENGINEERING	CE6711	Computer Aided Design and Drafting Laboratory
294.	CE	B.E. CIVIL ENGINEERING	CE6712	Design Project
295.	CE	B.E. CIVIL ENGINEERING	CE6713	Estimation and Quantity Surveying
296.	CE	B.E. CIVIL ENGINEERING	CE6811	Project Work
297.	CH	B.Tech CHEMICAL ENGINEERING	CH19301	Solid Mechanics
298.	CH	B.Tech CHEMICAL	CH19302	Chemical Process Calculations



		ENGINEERING		
299.	CH	B.Tech CHEMICAL ENGINEERING	CH19341	Fluid Mechanics for Chemical Engineers
300.	CH	B.Tech CHEMICAL ENGINEERING	CH19401	Chemical Process Industries
301.	CH	B.Tech CHEMICAL ENGINEERING	CH19402	Thermodynamics
302.	CH	B.Tech CHEMICAL ENGINEERING	CH19403	Heat Transfer
303.	CH	B.Tech CHEMICAL ENGINEERING	CH19441	Particle science and Technology
304.	CH	B.Tech CHEMICAL ENGINEERING	CH19501	Process Engineering Economics
305.	CH	B.Tech CHEMICAL ENGINEERING	CH19502	Chemical Engineering Thermodynamics
306.	CH	B.Tech CHEMICAL ENGINEERING	CH19503	Mass Transfer I
307.	CH	B.Tech CHEMICAL ENGINEERING	CH19504	Chemical Reaction Engineering I
308.	CH	B.Tech CHEMICAL ENGINEERING	CH19511	Heat Transfer Lab
309.	CH	B.Tech CHEMICAL ENGINEERING	CH19601	Mass Transfer II
310.	CH	B.Tech CHEMICAL ENGINEERING	CH19602	Chemical Reaction Engineering II
311.	CH	B.Tech CHEMICAL ENGINEERING	CH19603	Process Control
312.	CH	B.Tech CHEMICAL ENGINEERING	CH19611	Process Equipment Design
313.	CH	B.Tech CHEMICAL ENGINEERING	CH19612	Mass Transfer Lab
314.	CH	B.Tech CHEMICAL ENGINEERING	CH19613	Innovation and Design Thinking for Chemical Engineers
315.	CH	B.Tech CHEMICAL ENGINEERING	CH19701	Transport Phenomena
316.	CH	B.Tech CHEMICAL ENGINEERING	CH19702	Comprehensive Chemical Engineering
317.	CH	B.Tech CHEMICAL ENGINEERING	CH19703	Computer Applications in Chemical Engineering
318.	CH	B.Tech CHEMICAL ENGINEERING	CH19711	Chemical Reaction Engineering lab
319.	CH	B.Tech CHEMICAL	CH19712	Process Control Lab



		ENGINEERING		
320.	CH	B.Tech CHEMICAL ENGINEERING	CH19713	Computer Applications In Chemical Engineering Lab
321.	CH	B.Tech CHEMICAL ENGINEERING	CH19811	Seminar
322.	CH	B.Tech CHEMICAL ENGINEERING	CH19812	Project
323.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17301	Security Principles
324.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17311	Project Work(Phase I)
325.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17411	Project Work(Phase II)
326.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E35	Trust Computing
327.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E36	Internet of Things
328.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E39	Information Storage Management
329.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19101	Advanced Data Structures and Algorithms
330.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19102	Advanced Operating Systems
331.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19103	Advanced Software Engineering
332.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19111	Advanced Data Structures Laboratory
333.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19112	Advanced Software Engineering Laboratory
334.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19201	Advanced Databases
335.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19202	Networking Technologies
336.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19211	Advanced Databases Laboratory
337.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19213	Big Data Analytics lab
338.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19216	Mini Project with Seminar
339.	CU,ED	M.E. COMMUNICATION ENGINEERING, M.E. ENGINEERING DESIGN	CP19031	Business Analytics



340.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP19P06	Big Data Analytics
341.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS17201	Data Structures
342.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS17211	Data Structures Laboratory
343.	CS,IT	B.E. COMPUTER SCIENCE & ENGINEERING B.Tech INFORMATION TECHNOLOGY	CS17301	Design and Analysis of Algorithms
344.	CS,IT	B.E. COMPUTER SCIENCE & ENGINEERING B.Tech INFORMATION TECHNOLOGY	CS17302	Object Oriented Programming
345.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17303	Computer Architecture
346.	IT,CS	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17304	Database Management Systems
347.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17311	Object Oriented Programming Laboratory
348.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17312	Database Management Systems Laboratory
349.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	CS17351	Object Oriented Programming Paradigm
350.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	CS17361	Object Oriented Programming Paradigm Laboratory
351.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION	CS17401	Operating Systems



		TECHNOLOGY		
352.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17402	Software Engineering
353.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17403	Computer Networks
354.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17411	Operating Systems Laboratory
355.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CS17412	Computer Networks Laboratory
356.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17501	Distributed Systems
357.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17502	Theory of Computation
358.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17503	Graphics and Multimedia
359.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17504	Cryptography and Network Security
360.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17505	Internet Programming
361.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17511	Cryptography and Network Security
362.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17512	Graphics and Multimedia Labarotary
363.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17513	Internet Programming Laboratory
364.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17601	Game Programming
365.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17602	Artificial Intelligence
366.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17603	Mobile Computing
367.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17604	Compiler Design



368.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17611	Game Programming Laboratory
369.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17612	Mini Project
370.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17701	Resource Management Techniques
371.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17702	Cloud Computing
372.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17711	Cloud Computing Laboratory
373.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17811	Project Work
374.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17E77	Comprehension in Computer Science Engineering
375.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17E83	Cyber Forensics
376.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17E85	Business Intelligence and Applications
377.	CS, EC	B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS19211	Python Programming Lab
378.	IT	B.Tech INFORMATION TECHNOLOGY	CS19241	Data Structures
379.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS6004	Cyber Forensics
380.	BM	B.E. BIOMEDICAL ENGINEERING	CS6303	Computer Architecture
381.	IT	B.Tech INFORMATION TECHNOLOGY	CS6551	Computer Networks
382.	IT	B.Tech INFORMATION TECHNOLOGY	CS6701	Cryptography and Network Security
383.	CU	M.E. COMMUNICATION SYSTEMS,	CS6703	Grid and Cloud Computing
384.	CU	M.E. COMMUNICATION SYSTEMS,	CU17301	Wireless Adhoc and Sensor networks
385.	CU	M.E. COMMUNICATION SYSTEMS,	CU17311	Technical Paper Writing
386.	CU	M.E. COMMUNICATION SYSTEMS,	CU17312	Project Work (Phase I)



387.	CU	M.E. COMMUNICATION SYSTEMS,	CU17411	Project Work (Phase II)
388.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E32	Internetworking Multimedia
389.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E36	Communication Network Security
390.	CU	M.E. COMMUNICATION SYSTEMS,	CU19101	Advanced Radiation Systems
391.	CU	M.E. COMMUNICATION SYSTEMS,	CU19111	Communication Systems Laboratory
392.	CU	M.E. COMMUNICATION SYSTEMS,	CU19202	MIC and RF System Design
393.	CU	M.E. COMMUNICATION SYSTEMS,	CU19203	Communication System Modeling and Simulation
394.	CU	M.E. COMMUNICATION SYSTEMS,	CU19211	RF System Design Laboratory
395.	CU	M.E. COMMUNICATION SYSTEMS,	CU19P13	MEMS and NEMS
396.	CU	M.E. COMMUNICATION SYSTEMS,	CU19P23	Cognitive Radio
397.	CU	M.E. COMMUNICATION SYSTEMS,	CU19P32	Digital Image and Video processing
398.	BT, CH, FT	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.TECH FOOD TECHNOLOGY	CY19141	Chemistry for Technologists
399.	CE, CS, EE, IT	B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.Tech INFORMATION TECHNOLOGY	CY19142	Chemistry For Electronics Engineering
400.	AE, AT, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	CY19143	Applied Chemistry
401.	CH	B.Tech CHEMICAL ENGINEERING	CY19241	ENGINEERING CHEMISTRY
402.	CH	B.Tech CHEMICAL	CY19242	Physical Chemistry



		ENGINEERING		
403.	DS	M.Tech DATA SCIENCE	CY19301	Organic Chemistry
404.	DS	M.Tech DATA SCIENCE	DS19101	Programming for Data Science
405.	DS	M.Tech DATA SCIENCE	DS19102	Advanced Data Structures and Algorithmic methods
406.	DS	M.Tech DATA SCIENCE	DS19103	Data Analysis and Visualization
407.	DS	M.Tech DATA SCIENCE	DS19104	Scalable Systems for Data Science
408.	DS	M.Tech DATA SCIENCE	DS19111	Advanced Data Structures and Algorithmic Laboratory
409.	DS	M.Tech DATA SCIENCE	DS19112	Data Analysis and using Python Laboratory
410.	DS	M.Tech DATA SCIENCE	DS19201	Big Data Analytics and Tools
411.	DS	M.Tech DATA SCIENCE	DS19202	Cloud Computing Technologies
412.	DS	M.Tech DATA SCIENCE	DS19203	MACHINE LEARNING TECHNIQUES
413.	DS	M.Tech DATA SCIENCE	DS19204	Computer Vision
414.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17301	<u>Electronic Circuits-I</u>
415.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17302	<u>Digital Electronics</u>
416.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17303	Signals and systems
417.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17311	Analog and Digital Circuits Laboratory
418.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17351	Microprocessors and Microcontrollers
419.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17352	Communication Engineering
420.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17361	Microprocessors and Microcontrollers Laboratory
421.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17401	Electronic Circuits- II



422.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17404	Linear Integrated Circuits
423.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17405	Electromagnetic Fields
424.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17411	Circuit Design and Simulation Laboratory
425.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17412	Linear Integrated Circuits Laboratory
426.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17501	Digital Communication
427.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17502	Digital Signal Processing
428.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17503	Transmission Lines and waveguides
429.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17504	Principles of Microprocessors and Microcontroller
430.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17511	Digital Signal Processing Laboratory
431.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17512	Communication Systems Laboratory
432.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17513	Microprocessors and Microcontroller with peripheral interfacing Laboratory
433.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17601	VLSI Design
434.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17602	Antennas and Wave Propagation
435.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17603	Communication Networks



436.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17604	Wireless Communication
437.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17611	VLSI Design Laboratory
438.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17612	Networks Laboratory
439.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E61	Medical Electronics
440.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17E63	Micro Electro Mechanical Systems
441.	CB	B.Tech COMPUTER SCIENCE AND BUSINESS SYSTEMS	EC19242	Principles of Electronics
442.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6001	Medical Electronics
443.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6004	Satellite Communication
444.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6007	Speech Processing
445.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6014	Cognitive Radio
446.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6512	Communication System Laboratory
447.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6702	Optical Communication and Networks
448.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6703	Embedded and Real Time Systems
449.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6711	Embedded Laboratory



450.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6712	Optical and Microwave Laboratory
451.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6801	Wireless Communication
452.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6811	Project Work
453.	ED	M.E. ENGINEERING DESIGN	ED17301	Mechanisms Design and Simulation
454.	ED	M.E. ENGINEERING DESIGN	ED17311	Project Work (Phase I)
455.	ED	M.E. ENGINEERING DESIGN	ED17411	Project Work (Phase II)
456.	ED	M.E. ENGINEERING DESIGN	ED17E32	Design of Hydraulic and Pneumatic Systems
457.	ED	M.E. ENGINEERING DESIGN	ED17E37	Composite Materials and Mechanics
458.	ED	M.E. ENGINEERING DESIGN	ED19101	Computer Applications In Design
459.	ED	M.E. ENGINEERING DESIGN	ED19102	Advanced Mechanics Of Materials
460.	ED	M.E. ENGINEERING DESIGN	ED19103	Vibration Analysis And Control
461.	ED	M.E. ENGINEERING DESIGN	ED19104	Advanced Mechanisms In Design
462.	ED	M.E. ENGINEERING DESIGN	ED19111	Mechanism Design Lab
463.	ED	M.E. ENGINEERING DESIGN	ED19112	Vibration Lab
464.	ED	M.E. ENGINEERING DESIGN	ED19201	Finite Element Methods In Mechanical Design
465.	ED	M.E. ENGINEERING DESIGN	ED19202	Integrated Product Design And Process Development
466.	ED	M.E. ENGINEERING DESIGN	ED19203	Design With Advanced Materials
467.	ED	M.E. ENGINEERING DESIGN	ED19211	Product Design And Development Lab
468.	ED	M.E. ENGINEERING DESIGN	ED19212	Analysis Lab
469.	ED	M.E. ENGINEERING DESIGN	ED19P12	Composite Materials And Mechanics
470.	ED	M.E. ENGINEERING DESIGN	ED19P22	Additive Manufacturing
471.	ED	M.E. ENGINEERING DESIGN	ED19P25	Engineering Fracture Mechanics
472.	ED	M.E. ENGINEERING DESIGN	ED19P27	Corrosion And Surface Engineering
473.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17303	Electromagnetic Theory
474.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17304	Linear Integrated Circuits and Applications



475.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17305	Electronic Devices and Circuits
476.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17306	Power Plant Engineering
477.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17311	Electronics Laboratory
478.	ME	B.E. MECHANICAL ENGINEERING	EE17351	Electrical Drives and Controls
479.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17353	Electrical and Instrumentation Engineering
480.	ME	B.E. MECHANICAL ENGINEERING	EE17361	Electrical Engineering Laboratory
481.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17401	Measurements and Instrumentation
482.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17402	Electrical Machines - I
483.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17403	Transmission and Distribution
484.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17404	Control Systems
485.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17405	Digital Logic Circuits
486.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17411	Electrical Machines Laboratory– I
487.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17412	Linear and Digital Integrated Circuits Laboratory
488.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17413	Control and Instrumentation Laboratory
489.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17501	Power System Analysis



490.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17502	Microprocessors, Microcontrollers and Applications
491.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17503	Electrical Machines – II
492.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17504	Power Electronics
493.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17505	Discrete Time Systems and Signal Processing
494.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17511	Microprocessors, Microcontrollers and Applications Laboratory
495.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17512	Electrical Machines Lab -II
496.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17601	Solid State Drives
497.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17602	Embedded Systems
498.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17603	Design of Electrical Apparatus
499.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17611	Power Electronics and Drives Laboratory
500.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17612	IOT Application in Electrical Engineering
501.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17613	Mini Project
502.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17E51	Restructured Power System
503.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17E52	PLC AND SCADA
504.	EE	B.E. ELECTRICAL &	EE17E63	Special Electrical Machines



		ELECTRONICS ENGINEERING		
505.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17E66	Power Quality
506.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	EE19141	Principles of Electrical Engineering
507.	ME,AE,CE ,CS,FT	B.E. AERONAUTICAL ENGINEERING, B.E. MECHANICAL ENGINEERING B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH FOOD TECHNOLOGY	GE19241	Programming using C
508.	ME,AE,CE ,CS,FT	B.E. AERONAUTICAL ENGINEERING, B.E. MECHANICAL ENGINEERING B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH FOOD TECHNOLOGY	EE19242	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING
509.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE19243	Electric Circuits
510.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6004	Flexible AC Transmission Systems
511.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6005	Power Quality
512.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6009	Power Electronics for Renewable Energy Systems
513.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6701	High Voltage Engineering
514.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6702	Protection and Switchgear
515.	EE	B.E. ELECTRICAL & ELECTRONICS	EE6703	Special Electrical Machines



		ENGINEERING		
516.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6711	Power System Simulation Laboratory
517.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6712	Comprehension
518.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6801	Electric Energy Generation, Utilization and Conservation
519.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6811	Project Work
520.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EI6703	Fibre Optics and Laser Instruments
521.	CE	B.E. CIVIL ENGINEERING	EN6501	Municipal Solid Waste Management
522.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17311	Project Work (Phase I)
523.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17312	IOT Applications for Embedded Systems
524.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17411	Project Work (Phase II)
525.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E31	Advanced Embedded Systems
526.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E33	Cryptography and Network Security
527.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E35	Computer in Networking and Digital Control
528.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19101	Real Time Systems
529.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19102	Advanced Digital Systems
530.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19103	Design of Microcontroller Based Systems
531.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19104	Design of Embedded Systems
532.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19111	Embedded System Laboratory I
533.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19201	VLSI Architecture and Design Methodologies
534.	ET	M.E. EMBEDDED SYSTEM &	ET19202	Wireless and Mobile



		TECHNOLOGIES		Communication
535.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19203	Software for Embedded Systems
536.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19211	Embedded System Laboratory II
537.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19P21	Digital Instrumentation
538.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET19P25	Programming with VHDL
539.	FT	B.TECH FOOD TECHNOLOGY	FT17301	Introduction to Food Processing
540.	FT	B.TECH FOOD TECHNOLOGY	FT17302	Food Process Calculations
541.	FT	B.TECH FOOD TECHNOLOGY	FT17303	Food Microbiology
542.	FT	B.TECH FOOD TECHNOLOGY	FT17304	Fluid Mechanics
543.	FT	B.TECH FOOD TECHNOLOGY	FT17305	Human Nutrition and Dietetics
544.	FT	B.TECH FOOD TECHNOLOGY	FT17311	Food Microbiology Laboratory
545.	FT	B.TECH FOOD TECHNOLOGY	FT17312	Clinical Nutrition Lab
546.	FT	B.TECH FOOD TECHNOLOGY	FT17401	Food Analysis
547.	FT	B.TECH FOOD TECHNOLOGY	FT17402	Fundamentals of Heat and Mass Transfer
548.	FT	B.TECH FOOD TECHNOLOGY	FT17403	Food Additives
549.	FT	B.TECH FOOD TECHNOLOGY	FT17404	Unit Operations for Food Industries
550.	FT	B.TECH FOOD TECHNOLOGY	FT17411	Food Analysis Laboratory
551.	FT	B.TECH FOOD TECHNOLOGY	FT17412	Unit Operations Laboratory
552.	FT	B.TECH FOOD TECHNOLOGY	FT19201	Food chemistry
553.	FT	B.TECH FOOD TECHNOLOGY	FT19211	Food Chemistry Laboratory
554.	ME	B.E. MECHANICAL ENGINEERING	GE17451	Total Quality Management
555.	AE	B.E. AERONAUTICAL ENGINEERING	GE17651	Management for Engineers
556.	ME	B.E. CIVIL ENGINEERING	GE17E51	Human Values and Professional Ethics



557.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE19101	ENGINEERING GRAPHICS
558.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE19121	ENGINEERING PRACTICES - CIVIL AND MECHANICAL



559.	AE, AT, BM, CE, CS, EE, EC, IT, ME	B.E. AERONAUTICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE19122	ENGINEERING PRACTICES - ELECTRICAL AND ELECTRONICS
560.	AE, AT, BM, CE, CS, EE, EC, IT, ME	B.E. AERONAUTICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE19141	PROGRAMMING USING C
561.	AE, AT, CE, ME	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.E. CIVIL ENGINEERING B.E. MECHANICAL ENGINEERING	GE19201	ENGINEERING MECHANICS



562.	BT, EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING, B.TECH BIOTECHNOLOGY TECHNOLOGY	GE19202	Basic Civil and Mechanical Engineering
563.	AT, FT	B.E. AUTOMOBILE ENGINEERING, B.TECH FOOD TECHNOLOGY	GE19211	Problem solving and programming in Python
564.	BT, CH	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	GE19304	Fundamentals of Management for Engineers
565.	BT, CH	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	GE19421	Soft skills - I
566.	BT, CH	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	GE19521	Soft Skills-II
567.	EE, EC, IT, ME	B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE19621	Problem Solving Techniques
568.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	GE6075	Professional Ethics in Engineering



569.	AE, AT, AI, BT, BM,CS,CB ,CD,CH,C E,EE,EC,I T,FT,ME, MT,RO	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTES SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19101	Environmental Science and Engineering
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570.	AE, AT, AI, BT, BM,CS,CB ,CD,CH,C E,EE,ECE, IT,FT,ME, MT,RO	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTES SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19102	Indian Constitution and Freedom Movement
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571.	AE, AT, AI, BT, BM,CS,CB ,CD,CH,C E,EE,EC,I T,FT,ME, MT,RO	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.TECH ARTIFICIAL INTELLIGENCE & MACHINE LEARNING B.TECH BIOTECHNOLOGY B.E. BIOMEDICAL ENGINEERING B.E. COMPUTES SCIENCE & ENGINEERING B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS B.E. COMPUTER SCIENCE & DESIGN B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.TECH FOOD TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS ENGINEERING B.E. ROBOTICS & AUTOMATION	MC19301	Essence of Indian Traditional Knowledge
572.	AE	B.E. AERONAUTICAL ENGINEERING	GE6082	Indian Constitution and Society
573.	AE,CE,EE, EC,ME	B.E. AERONAUTICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS &	GE6083	Disaster Management



		COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING		
574.	AT,BM,C E,CS,EE,E C,FT,IT,M E	B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE6757	Total Quality Management
575.	CE,FT,IT, ME	B.E. CIVIL ENGINEERING, B.TECH FOOD TECHNOLOGY, B.Tech INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	HS17361	Interpersonal Skills - Listening & Speaking
576.	AE, AT, EE	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING	HS17461	Advanced Reading and Writing
577.	ME	B.E. MECHANICAL ENGINEERING	HS17561	Communication Skills - Laboratory Based



578.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.E. MECHANICAL ENGINEERING	HS17661	Professional Communication
579.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	HS19151	TECHNICAL ENGLISH
580.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	HS19152	Business Communication & Value Science – I
581.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	HS19251	Business Communication & Value Science – II
582.	ME	B.E. MECHANICAL ENGINEERING	IE6605	Production Planning and Control
583.	IT	B.Tech INFORMATION TECHNOLOGY	IT17301	Computer Organization
584.	IT	B.Tech INFORMATION TECHNOLOGY	IT17411	Information Systems Analysis and Design Laboratory
585.	IT	B.Tech INFORMATION TECHNOLOGY	IT17501	Automata Theory and Compiler Design
586.	IT	B.Tech INFORMATION TECHNOLOGY	IT17502	Web Technology
587.	IT	B.Tech INFORMATION TECHNOLOGY	IT17503	Embedded Programming
588.	IT	B.Tech INFORMATION TECHNOLOGY	IT17511	Web Technology Laboratory
589.	IT	B.Tech INFORMATION	IT17512	Embedded Programming Laboratory



		TECHNOLOGY		
590.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17611	Mobile Application Development Laboratory
591.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17701	Data Analytics
592.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17711	Data Analytics Laboratory
593.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17E62	Data Warehousing and Data Mining
594.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17E75	Software Project Management
595.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT17E82	Internet of Things
596.	BM,IT	B.E. BIOMEDICAL ENGINEERING, B.Tech INFORMATION TECHNOLOGY	IT6005	Digital Image Processing
597.	IT	B.Tech INFORMATION TECHNOLOGY	IT6006	Data Analytics
598.	IT	B.Tech INFORMATION TECHNOLOGY	IT6701	Information Management
599.	IT	B.Tech INFORMATION TECHNOLOGY	IT6702	Data Warehousing and Data Mining
600.	IT	B.Tech INFORMATION TECHNOLOGY	IT6711	Data Mining Laboratory
601.	IT	B.Tech INFORMATION TECHNOLOGY	IT6712	Security Laboratory
602.	IT	B.Tech INFORMATION TECHNOLOGY	IT6713	Grid and Cloud Computing Laboratory
603.	IT	B.Tech INFORMATION TECHNOLOGY	IT6801	Service Oriented Architecture
604.	IT	B.Tech INFORMATION TECHNOLOGY	IT6811	Project Work
605.	AV	M.E. AVIONICS	MA17177	Advanced Applied Mathematics
606.	AE, AT, EE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHANICAL	MA17351	TRANSFORMS AND PARTIAL DIFFERENTIAL Equations



		ENGINEERING		
607.	BM, IT	B.E. BIOMEDICAL ENGINEERING, B.Tech INFORMATION TECHNOLOGY	MA17352	Linear Algebra and Applied Calculus
608.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA17353	Probability and statistics
609.	AE, CE, EE	B.E. AERONAUTICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING	MA17354	Discrete Mathematics
610.	AT, ME	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	MA17451	Numerical Methods
611.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA17452	Statistics and Numerical Methods
612.	AE, AT, CE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING	MA17453	Probability, Statistics and Queuing Theory
613.	BM, CS, EE, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.Tech INFORMATION TECHNOLOGY	MA19151	ALGEBRA AND CALCULUS
614.	BT, CH	B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	MA19152	Linear Algebra and Applied Calculus
615.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	MA19153	Applied Calculus
616.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	MA19154	Discrete Mathematics



617.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	MA19155	Introductory topics in Statistics, Probability and Calculus
618.	AE, AT, BT, CH, CE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING	MA19241	Statistical Modeling
619.	BM, CS, EE, EC	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MA19251	DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS
620.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	MA19252	Differential Equations and Complex Variables
621.	CH	B.Tech CHEMICAL ENGINEERING	MA19253	Linear Algebra
622.	BT	B.TECH BIOTECHNOLOGY	MA19351	Transforms and Statistics
623.	CH	B.Tech CHEMICAL ENGINEERING	MA19353	Transforms and Numerical Methods
624.	BT	B.TECH BIOTECHNOLOGY	MA19451	Numerical Methods
625.	BM	B.E. BIOMEDICAL ENGINEERING	MA19453	Probability and Statistics
626.	ME	B.E. MECHANICAL ENGINEERING	MD6008	Fiber Optics and Laser in Medicine
627.	ME	B.E. MECHANICAL ENGINEERING	ME 6019	Non Destructive Testing and Materials
628.	ME	B.E. MECHANICAL ENGINEERING	ME17301	Engineering Thermodynamics
629.	ME	B.E. MECHANICAL ENGINEERING	ME17302	Kinematics of Machinery
630.	ME	B.E. MECHANICAL ENGINEERING	ME17303	Manufacturing Technology - I



631.	ME	B.E. MECHANICAL ENGINEERING	ME17311	Manufacturing Technology Laboratory - I
632.	AT	B.E. AUTOMOBILE ENGINEERING	ME17312	Computer Aided Machine Drawing
633.	ME,AT	B.E. MECHANICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING	ME17401	Fluid Mechanics and Machinery
634.	ME	B.E. MECHANICAL ENGINEERING	ME17402	Strength of Materials
635.	ME	B.E. MECHANICAL ENGINEERING	ME17403	Manufacturing Technology– II
636.	ME	B.E. MECHANICAL ENGINEERING	ME17404	Thermal Engineering- I
637.	ME	B.E. MECHANICAL ENGINEERING	ME17411	Manufacturing Technology Laboratory–II
638.	ME	B.E. MECHANICAL ENGINEERING	ME17412	Strength of Materials and Fluid Mechanics and Machinery Laboratory
639.	ME	B.E. MECHANICAL ENGINEERING	ME17501	Design of Machine Elements
640.	ME	B.E. MECHANICAL ENGINEERING	ME17502	Dynamics of Machines
641.	ME	B.E. MECHANICAL ENGINEERING	ME17503	Metrology and Measurements
642.	ME	B.E. MECHANICAL ENGINEERING	ME17504	Heat and Mass Transfer
643.	ME	B.E. MECHANICAL ENGINEERING	ME17511	Kinematics and Dynamics Laboratory
644.	ME	B.E. MECHANICAL ENGINEERING	ME17512	Thermal Engineering Laboratory
645.	ME	B.E. MECHANICAL ENGINEERING	ME17513	Metrology and Measurements Laboratory
646.	ME	B.E. MECHANICAL ENGINEERING	ME17514	Design and Development Project - I
647.	ME	B.E. MECHANICAL ENGINEERING	ME17601	Automobile Engineering
648.	ME	B.E. MECHANICAL ENGINEERING	ME17602	Design of Transmission Systems
649.	ME	B.E. MECHANICAL ENGINEERING	ME17603	Thermal Engineering – II
650.	ME	B.E. MECHANICAL ENGINEERING	ME17604	Finite Element Analysis



651.	ME	B.E. MECHANICAL ENGINEERING	ME17605	Elements of Computer Aided Design
652.	ME	B.E. MECHANICAL ENGINEERING	ME17611	C.A.D. / C.A.M. Laboratory
653.	ME	B.E. MECHANICAL ENGINEERING	ME17612	Design and Development Project - II
654.	ME	B.E. MECHANICAL ENGINEERING	ME17E61	Composite Materials and Mechanics
655.	ME	B.E. MECHANICAL ENGINEERING	ME17E62	Unconventional Machining Processes
656.	ME	B.E. MECHANICAL ENGINEERING	ME17E63	Renewable Sources of Energy
657.	ME	B.E. BIOMEDICAL ENGINEERING	ME19201	Manufacturing Processes
658.	BM	B.E. MECHANICAL ENGINEERING	ME19251	Engineering Mechanics for Biomedical Engineers
659.	ME	B.E. MECHANICAL ENGINEERING	ME6005	Process Planning and Cost Estimation (Elective II)
660.	ME	B.E. MECHANICAL ENGINEERING	ME6008	Welding Technology
661.	ME	B.E. MECHANICAL ENGINEERING	ME6009	Energy conservation and Management
662.	ME	B.E. MECHANICAL ENGINEERING	ME6010	Robotics
663.	ME	B.E. AERONAUTICAL ENGINEERING	ME6012	Maintenance Engineering
664.	ME	B.E. MECHANICAL ENGINEERING	ME6014	Computational Fluid Dynamics
665.	ME	B.E. MECHANICAL ENGINEERING	ME6016	Advanced I.C. Engines
666.	ME	B.E. MECHANICAL ENGINEERING	ME6018	Additive Manufacturing
667.	ME	B.E. MECHANICAL ENGINEERING	ME6021	Hydraulics and Pneumatics
668.	ME,AT	B.E. AUTOMOBILE ENGINEERING B.E. MECHANICAL ENGINEERING	ME6602	Automobile Engineering
669.	ME	B.E. MECHANICAL ENGINEERING	ME6603	Finite Element Analysis
670.	ME	B.E. MECHANICAL ENGINEERING	ME6701	Power Plant Engineering



671.	ME	B.E. MECHANICAL ENGINEERING	ME6702	Mechatronics
672.	ME	B.E. MECHANICAL ENGINEERING	ME6703	Computer Integrated Manufacturing
673.	ME	B.E. MECHANICAL ENGINEERING	ME6711	Simulation and Analysis Lab
674.	ME	B.E. MECHANICAL ENGINEERING	ME6712	Mechatronics Lab
675.	ME	B.E. MECHANICAL ENGINEERING	ME6713	Comprehension
676.	ME	B.E. MECHANICAL ENGINEERING	ME6811	Project Work
677.	ME	B.E. MECHANICAL ENGINEERING	MG6071	Entrepreneurship Development
678.	IT	B.Tech INFORMATION TECHNOLOGY	MG6088	Software Project Management
679.	CE, EE, EC	B.E. CIVIL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MG6851	Principles of Management
680.	CE, EE, EC	B.E. CIVIL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MG6863	Engineering Economics
681.	MX	M.E. MEDICAL ELECTRONICS	MH19101	Advanced Applied Mathematics
682.	AV	M.E AVIONICS	MH19102	Applied Mathematics for Electronics Engineers
683.	BY	M.TECH BIOTECHNOLOGY	MH19103	Statistical Techniques for Biotechnologist
684.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	MH19104	Applied Probability and Statistics
685.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	MH19106	Applied Mathematics for Electrical Engineers
686.	MT	B.E. MECHATRONICS ENGINEERING	MT17301	Electrical Machines and Drives
687.	MT	B.E. MECHATRONICS	MT17302	Digital Electronics and



		ENGINEERING		microprocessor
688.	MT	B.E. MECHATRONICS ENGINEERING	MT17303	AnalogDevices and Circuits
689.	MT	B.E. MECHATRONICS ENGINEERING	MT17311	Electrical Machines and Drives Laboratory
690.	MT	B.E. MECHATRONICS ENGINEERING	MT17312	Computer Aided Machine Drawing
691.	MT	B.E. MECHATRONICS ENGINEERING	MT17401	Manufacturing Processes
692.	MT	B.E. MECHATRONICS ENGINEERING	MT17402	System Dynamics and Control
693.	MT	B.E. MECHATRONICS ENGINEERING	MT17403	Embedded Systems And Microcontrollers
694.	MT	B.E. MECHATRONICS ENGINEERING	MT17404	Sensors and Instrumentation
695.	MT	B.E. MECHATRONICS ENGINEERING	MT17411	Microprocessors and Microcontrollers for Automation Laboratory
696.	MT	B.E. MECHATRONICS ENGINEERING	MT17412	Machining Processes Laboratory
697.	MT	B.E. MECHATRONICS ENGINEERING	MT17413	Sensors and Instrumentation Laboratory
698.	MT	B.E. MECHATRONICS ENGINEERING	MT17501	CNC Technology and Applications
699.	MT	B.E. MECHATRONICS ENGINEERING	MT17502	Programming for automation Using C/C++
700.	MT	B.E. MECHATRONICS ENGINEERING	MT17503	Thermodynamicsand HeatTransfer
701.	MT	B.E. MECHATRONICS ENGINEERING	MT17504	Theory of Machines and Mechanisms
702.	MT	B.E. MECHATRONICS ENGINEERING	MT17505	Industrial Electronics and Applications
703.	MT	B.E. MECHATRONICS ENGINEERING	MT17511	Power Electronic Devices Laboratory
704.	MT	B.E. MECHATRONICS ENGINEERING	MT17512	Dynamics Laboratory
705.	MT	B.E. MECHATRONICS ENGINEERING	MT17513	Programming for automation Using C/C++ Laboratory
706.	MT	B.E. MECHATRONICS ENGINEERING	MT17514	Mini Project
707.	MT	B.E. MECHATRONICS ENGINEERING	MT17601	Fundamentals of Machine Design



708.	MT	B.E. MECHATRONICS ENGINEERING	MT17602	Design of Mechatronics System
709.	MT	B.E. MECHATRONICS ENGINEERING	MT17603	Applied Hydraulics and Pneumatics
710.	MT	B.E. MECHATRONICS ENGINEERING	MT17604	Industrial Automation
711.	MT	B.E. MECHATRONICS ENGINEERING	MT17611	Applied Hydraulics and Pneumatics Laboratory
712.	MT	B.E. MECHATRONICS ENGINEERING	MT17612	Industrial Automation Laboratory
713.	MT	B.E. MECHATRONICS ENGINEERING	MT17613	Comprehension
714.	MT	B.E. MECHATRONICS ENGINEERING	ME19221	Computer Aided Drawing Lab
715.	MT	B.E. MECHATRONICS ENGINEERING	MT6003	Engineering Economics and Cost Analysis
716.	MT	B.E. MECHATRONICS ENGINEERING	MT6004	Industrial Electronics and Applications
717.	MT	B.E. MECHATRONICS ENGINEERING	MT6701	Medical Mechatronics
718.	MT	B.E. MECHATRONICS ENGINEERING	MT6702	Modeling and Simulation
719.	MT	B.E. MECHATRONICS ENGINEERING	MT6703	Robotics and Machine Vision System
720.	MT	B.E. MECHATRONICS ENGINEERING	MT6711	Computer Aided Design & Computer Aided Manufacturing Laboratory
721.	MT	B.E. MECHATRONICS ENGINEERING	MT6712	Robotics Laboratory
722.	MT	B.E. MECHATRONICS ENGINEERING	MT6713	Design and Fabrication Project
723.	MT	B.E. MECHATRONICS ENGINEERING	MT6801	Automotive Electronics
724.	MT	B.E. MECHATRONICS ENGINEERING	MT6811	Project Work
725.	MX	M.E. MEDICAL ELECTRONICS	MX17301	Biophotonics
726.	MX	M.E. MEDICAL ELECTRONICS	MX17311	PROJECT WORK (PHASE I)
727.	MX	M.E. MEDICAL ELECTRONICS	MX17312	Training In Healthcare Sector
728.	MX	M.E. MEDICAL ELECTRONICS	MX17411	Project Work (Phase II)



729.	MX	M.E. MEDICAL ELECTRONICS	MX19101	Anatomy & Physiology of Human Body
730.	MX	M.E. MEDICAL ELECTRONICS	MX19102	Biosignal Acquisition and Processing
731.	MX	M.E. MEDICAL ELECTRONICS	MX19103	Research and Patenting Methodology for Bioengineers
732.	MX	M.E. MEDICAL ELECTRONICS	MX19104	Advanced Biomedical Equipment
733.	MX	M.E. MEDICAL ELECTRONICS	MX19111	Biomedical Instrumentation and Processing Laboratory
734.	MX	M.E. MEDICAL ELECTRONICS	MX19201	Medical Imaging and Processing Techniques
735.	MX	M.E. MEDICAL ELECTRONICS	MX19202	Biophotonics
736.	MX	M.E. MEDICAL ELECTRONICS	MX19203	Medical Device Development - Concept to Market
737.	MX	M.E. MEDICAL ELECTRONICS	MX19221	Technical Seminar on research topics
738.	MX	M.E. MEDICAL ELECTRONICS	MX19241	Advanced Microcontrollers and Prototype Development
739.	MX	M.E. MEDICAL ELECTRONICS	MX19P13	Medical Informatics
740.	MX	M.E. MEDICAL ELECTRONICS	MX19P23	Rehabilitation & Assistive Technology
741.	MX	M.E. MEDICAL ELECTRONICS	MX19P26	Physiological Control Systems
742.	MX	M.E. MEDICAL ELECTRONICS	MX19P28	Structure and Function of Biomaterials
743.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	OGE1701	Human Rights
744.	BM, CS, EC	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	OGE1703	Foreign Language -German
745.	AT, BM, EC, ME	B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION	OGE1705	Programming logic



		ENGINEERING, B.E. MECHANICAL ENGINEERING		
746.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	OGE1706	Advanced Programming Logic
747.	BM	B.E. BIOMEDICAL ENGINEERING,	OIT1706	Machine Learning and R programming
748.	AT	B.E. AUTOMOBILE ENGINEERING	OME1705	Supply chain and Logistics Management
749.	AV, BY, CU, CP, DS, ED, ET	M.E. AVIONICS, M.TECH BIOTECHNOLOGY, M.E. COMMUNICATION SYSTEMS, M.E. COMPUTER SCIENCE & ENGINEERING, M.Tech DATA SCIENCE, M.E. ENGINEERING DESIGN, M.E. EMBEDDED SYSTEM & TECHNOLOGIES	PG19101	Research Methodology and IPR
750.	AE,AT, CE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING	PH19141	PHYSICS OF MATERIALS
751.	BM, BT	B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY	PH19142	Physics for Bioscience
752.	CB	B.TECH COMPUTER SCIENCE & BUSINESS SYSTEMS	PH19143	Fundamentals of Physics
753.	CH	B.Tech CHEMICAL ENGINEERING	PH19151	Physics for Chemical Engineering
754.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	PH19241	Physics for Information Science
755.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	PH19242	Physics for Electronics Engineering
756.	CH	B.Tech CHEMICAL ENGINEERING	PH19243	Material Science



List of courses offered across all programs during last five years

ACADEMIC YEAR 2018-19

S.No	Program Code	Program Name	Course code	Name of the Course
1.	AE	B.E. AERONAUTICAL ENGINEERING	AE17301	Manufacturing Technology
2.	AE	B.E. AERONAUTICAL ENGINEERING	AE17302	Aero Engineering Thermodynamics
3.	AE	B.E. AERONAUTICAL ENGINEERING	AE17303	Fluid Mechanics and Machinery
4.	AE	B.E. AERONAUTICAL ENGINEERING	AE17304	Solid Mechanics
5.	AE	B.E. AERONAUTICAL ENGINEERING	AE17305	Element of Aeronautics
6.	AE	B.E. AERONAUTICAL ENGINEERING	AE17311	Thermodynamics Laboratory
7.	AE	B.E. AERONAUTICAL ENGINEERING	AE17312	Computer Aided Modeling Laboratory
8.	AE	B.E. AERONAUTICAL ENGINEERING	AE17361	Solid Mechanics and Fluid Mechanics Laboratory
9.	AE	B.E. AERONAUTICAL ENGINEERING	AE17401	Aerodynamics - I
10.	AE	B.E. AERONAUTICAL ENGINEERING	AE17402	Aircraft Systems and Instruments
11.	AE	B.E. AERONAUTICAL ENGINEERING	AE17403	Mechanics of Machines
12.	AE	B.E. AERONAUTICAL ENGINEERING	AE17404	Aircraft Structures - I
13.	AE	B.E. AERONAUTICAL ENGINEERING	AE17405	Aircraft Performance
14.	AE	B.E. AERONAUTICAL ENGINEERING	AE17411	Aero Engine and Systems Laboratory
15.	AE	B.E. AERONAUTICAL ENGINEERING	AE17412	Aerodynamics Laboratory - I
16.	AE	B.E. AERONAUTICAL ENGINEERING	AE17413	Aircraft Component Drawing
17.	AE	B.E. AERONAUTICAL ENGINEERING	AE6005	Helicopter Theory
18.	AE	B.E. AERONAUTICAL ENGINEERING	AE6006	Theory of Plates and Shells
19.	AE	B.E. AERONAUTICAL	AE6007	Fatigue and Fracture



		ENGINEERING		
20.	AE	B.E. AERONAUTICAL ENGINEERING	AE6008	UAV Systems
21.	AE	B.E. AERONAUTICAL ENGINEERING	AE6009	Industrial Aerodynamics
22.	AE	B.E. AERONAUTICAL ENGINEERING	AE6010	Airframe Maintenance and Repair
23.	AE	B.E. AERONAUTICAL ENGINEERING	AE6011	Aero Engine Maintenance and Repair
24.	AE	B.E. AERONAUTICAL ENGINEERING	AE6012	Air Traffic Control and Planning
25.	AE	B.E. AERONAUTICAL ENGINEERING	AE6013	Hypersonic Aerodynamics
26.	AE	B.E. AERONAUTICAL ENGINEERING	AE6014	Experimental Aerodynamics
27.	AE	B.E. AERONAUTICAL ENGINEERING	AE6015	Rockets and Missiles
28.	AE	B.E. AERONAUTICAL ENGINEERING	AE6016	Structural Dynamics
29.	AE	B.E. AERONAUTICAL ENGINEERING	AE6501	Flight Dynamics
30.	AE	B.E. AERONAUTICAL ENGINEERING	AE6502	Aircraft Structures - II
31.	AE	B.E. AERONAUTICAL ENGINEERING	AE6503	Aerodynamics - II
32.	AE	B.E. AERONAUTICAL ENGINEERING	AE6504	Propulsion - II
33.	AE	B.E. AERONAUTICAL ENGINEERING	AE6505	Control Engineering
34.	AE	B.E. AERONAUTICAL ENGINEERING	AE6511	Aircraft Structures Laboratory - II
35.	AE	B.E. AERONAUTICAL ENGINEERING	AE6512	Propulsion Laboratory
36.	AE	B.E. AERONAUTICAL ENGINEERING	AE6601	Finite Element Methods
37.	AE	B.E. AERONAUTICAL ENGINEERING	AE6602	Vibrations and Elements of Aeroelasticity
38.	AE	B.E. AERONAUTICAL ENGINEERING	AE6603	Composite Materials and Structures
39.	AE	B.E. AERONAUTICAL ENGINEERING	AE6604	Aircraft Materials and Processes
40.	AE	B.E. AERONAUTICAL	AE6611	Aero Engine and Airframe



		ENGINEERING		Laboratory
41.	AE	B.E. AERONAUTICAL ENGINEERING	AE6612	Aircraft Design Project
42.	AE	B.E. AERONAUTICAL ENGINEERING	AE6613	Computer Aided Simulation Laboratory
43.	AE	B.E. AERONAUTICAL ENGINEERING	AE6701	Avionics
44.	AE	B.E. AERONAUTICAL ENGINEERING	AE6702	Experimental Stress Analysis
45.	AE	B.E. AERONAUTICAL ENGINEERING	AE6711	Aircraft Design Project
46.	AE	B.E. AERONAUTICAL ENGINEERING	AE6712	Aircraft Systems Laboratory
47.	AE	B.E. AERONAUTICAL ENGINEERING	AE6713	Flight Integration Systems and Control Laboratory
48.	AE	B.E. AERONAUTICAL ENGINEERING	AE6801	Wind Tunnel Techniques
49.	AE	B.E. AERONAUTICAL ENGINEERING	AE6811	Project Work
50.	AT	B.E. AUTOMOBILE ENGINEERING	AT17201	Applied Thermodynamics
51.	AT	B.E. AUTOMOBILE ENGINEERING	AT17301	Automotive Engines
52.	AT	B.E. AUTOMOBILE ENGINEERING	AT17302	Automotive Chassis
53.	AT	B.E. AUTOMOBILE ENGINEERING	AT17303	Automotive Heat Transfer
54.	AT	B.E. AUTOMOBILE ENGINEERING	AT17304	Production Technology - I
55.	AT	B.E. AUTOMOBILE ENGINEERING	AT17311	(a) Thermal Laboratory and (b) Fluid Mechanics and Machinery Laboratory
56.	AT	B.E. AUTOMOBILE ENGINEERING	AT17312	Engine Performance and Emission Testing Laboratory
57.	AT	B.E. AUTOMOBILE ENGINEERING	AT17313	Automotive Components Lab
58.	AT	B.E. AUTOMOBILE ENGINEERING	AT17401	Theory of Machines
59.	AT	B.E. AUTOMOBILE ENGINEERING	AT17402	Automotive Transmission
60.	AT	B.E. AUTOMOBILE ENGINEERING	AT17403	Engineering Materials and Metallurgy



61.	AT	B.E. AUTOMOBILE ENGINEERING	AT17404	Production Technology - II
62.	AT	B.E. AUTOMOBILE ENGINEERING	AT17405	Strength of Materials for Automobile Engineers
63.	AT	B.E. AUTOMOBILE ENGINEERING	AT17411	(a) Strength of Materials Laboratory and (b) Theory of Machines Laboratory
64.	AT	B.E. AUTOMOBILE ENGINEERING	AT17412	Production Technology Laboratory
65.	AT	B.E. AUTOMOBILE ENGINEERING	AT17413	Computer Aided Automotive Machine Drawing Lab
66.	AT	B.E. AUTOMOBILE ENGINEERING	AT6002	Alternative Fuels and Energy Systems
67.	AT	B.E. AUTOMOBILE ENGINEERING	AT6007	New Generation and Hybrid Vehicles
68.	AT	B.E. AUTOMOBILE ENGINEERING	AT6011	Automotive Safety
69.	AT	B.E. AUTOMOBILE ENGINEERING	AT6013	Transport Management
70.	AT	B.E. AUTOMOBILE ENGINEERING	AT6501	Automotive Transmission
71.	AT	B.E. AUTOMOBILE ENGINEERING	AT6502	Automotive Electrical and Electronics Systems
72.	AT	B.E. AUTOMOBILE ENGINEERING	AT6503	Vehicle Design Data Characteristics
73.	AT	B.E. AUTOMOBILE ENGINEERING	AT6504	Automotive Fuels and Lubricants
74.	AT	B.E. AUTOMOBILE ENGINEERING	AT6511	Automotive Electrical and Electronics Laboratory
75.	AT	B.E. AUTOMOBILE ENGINEERING	AT6512	Automotive Fuels and Lubricants Laboratory
76.	AT	B.E. AUTOMOBILE ENGINEERING	AT6601	Automotive Engine Components Design
77.	AT	B.E. AUTOMOBILE ENGINEERING	AT6602	Automotive Chassis Components Design
78.	AT	B.E. AUTOMOBILE ENGINEERING	AT6603	Two and Three Wheelers
79.	AT	B.E. AUTOMOBILE ENGINEERING	AT6604	Vehicle Dynamics
80.	AT	B.E. AUTOMOBILE ENGINEERING	AT6611	Computer Aided Engine and Chassis Design Laboratory
81.	AT	B.E. AUTOMOBILE ENGINEERING	AT6612	Two and Three Wheelers Laboratory



82.	AT	B.E. AUTOMOBILE ENGINEERING	AT6701	Engine and Vehicle Management System
83.	AT	B.E. AUTOMOBILE ENGINEERING	AT6702	Vehicle Maintenance
84.	AT	B.E. AUTOMOBILE ENGINEERING	AT6703	Automotive Pollution and Control
85.	AT	B.E. AUTOMOBILE ENGINEERING	AT6711	Engine Performance and Emission Testing Laboratory
86.	AT	B.E. AUTOMOBILE ENGINEERING	AT6712	Vehicle Maintenance Laboratory
87.	AT	B.E. AUTOMOBILE ENGINEERING	AT6801	Vehicle Body Engineering
88.	AT	B.E. AUTOMOBILE ENGINEERING	AT6811	Project Work
89.	AV	M.E. AVIONICS	AV17101	Aerospace Engineering (for Non-Aero Students)
90.	AV	M.E. AVIONICS	AV17102	Electronic Systems (for Aero Students)
91.	AV	M.E. AVIONICS	AV17103	Image Processing for Aerospace Applications
92.	AV	M.E. AVIONICS	AV17104	Digital Avionics
93.	AV	M.E. AVIONICS	AV17105	Flight Instrumentation
94.	AV	M.E. AVIONICS	AV17106	Avionics System Engineering
95.	AV	M.E. AVIONICS	AV17111	Avionics Integration Laboratory
96.	AV	M.E. AVIONICS	AV17112	Image Processing Laboratory
97.	AV	M.E. AVIONICS	AV17201	Communication and Navigation Systems
98.	AV	M.E. AVIONICS	AV17202	System Modelling and Simulation
99.	AV	M.E. AVIONICS	AV17203	UAV System Design
100.	AV	M.E. AVIONICS	AV17204	Aerospace Guidance and Control
101.	AV	M.E. AVIONICS	AV17211	Flight Control Systems Laboratory
102.	AV	M.E. AVIONICS	AV17212	Unmanned Aerial Vehicle Laboratory
103.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17101	Principles of Management
104.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17102	Statistics for Management
105.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17103	Economic Analysis for Business
106.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17104	Total Quality Management



107.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17105	Organizational Behaviour
108.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17106	Accounting for Management
109.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17107	Legal Aspects of Business
110.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17108	Spoken and Written Communication #
111.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17201	Operations Management
112.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17202	Financial Management
113.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17203	Marketing Management
114.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17204	Human Resource Management
115.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17205	Information Management
116.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17206	Applied Operations Research
117.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17207	Business Research Methods
118.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17211	Data Analysis and Business Modelling
119.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17301	International Business Management
120.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17302	Strategic Management
121.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17311	Summer Training
122.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17411	Project Work
123.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E04	Integrated Marketing Communication
124.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E05	Retail Marketing
125.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E06	Services Marketing
126.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E11	Banking Financial Services Management
127.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E13	Financial Derivatives



128.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E15	Security Analysis and Portfolio Management
129.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E21	Entrepreneurship Development
130.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E22	Industrial Relations and Labour Welfare
131.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E26	Strategic Human Resource Management
132.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E41	Logistics Management
133.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E45	Services Operations Management
134.	BA	MASTER OF BUSINESS ADMINISTRATION	BA17E47	Supply Chain Management
135.	BM	B.E. BIOMEDICAL ENGINEERING	BM17301	Human Anatomy and Physiology
136.	BM	B.E. BIOMEDICAL ENGINEERING	BM17302	Sensors and Measurements
137.	BM	B.E. BIOMEDICAL ENGINEERING	BM17303	Electric fields and Machines
138.	BM	B.E. BIOMEDICAL ENGINEERING	BM17304	Electronic circuits
139.	BM	B.E. BIOMEDICAL ENGINEERING	BM17305	Biochemical Science
140.	BM	B.E. BIOMEDICAL ENGINEERING	BM17311	Biochemistry and Physiology Laboratory
141.	BM	B.E. BIOMEDICAL ENGINEERING	BM17312	Electronic circuits and Laboratory
142.	BM	B.E. BIOMEDICAL ENGINEERING	BM17313	PCB Design Laboratory
143.	BM	B.E. BIOMEDICAL ENGINEERING	BM17401	Biomedical Instrumentation
144.	BM	B.E. BIOMEDICAL ENGINEERING	BM17402	Analog and Digital Integrated Circuits
145.	BM	B.E. BIOMEDICAL ENGINEERING	BM17403	Pathology and Microbiology
146.	BM	B.E. BIOMEDICAL ENGINEERING	BM17411	Analog and Digital Integrated Circuits Laboratory
147.	BM	B.E. BIOMEDICAL ENGINEERING	BM17412	Pathology and Microbiology Laboratory
148.	BM	B.E. BIOMEDICAL ENGINEERING	BM6002	Biometric Systems



149.	BM	B.E. BIOMEDICAL ENGINEERING	BM6003	Virtual Reality
150.	BM	B.E. BIOMEDICAL ENGINEERING	BM6005	Bioinformatics
151.	BM	B.E. BIOMEDICAL ENGINEERING	BM6010	Assist Devices
152.	BM	B.E. BIOMEDICAL ENGINEERING	BM6012	Wearable Systems
153.	BM	B.E. BIOMEDICAL ENGINEERING	BM6501	Bio Control Systems
154.	BM	B.E. BIOMEDICAL ENGINEERING	BM6502	Diagnostic and Therapeutic Equipment - I
155.	BM	B.E. BIOMEDICAL ENGINEERING	BM6503	Bio Materials and Artificial Organs
156.	BM	B.E. BIOMEDICAL ENGINEERING	BM6504	Biomedical Instrumentation
157.	BM	B.E. BIOMEDICAL ENGINEERING	BM6511	Microprocessor and Microcontroller Laboratory
158.	BM	B.E. BIOMEDICAL ENGINEERING	BM6512	Bio Medical Instrumentation Laboratory
159.	BM	B.E. BIOMEDICAL ENGINEERING	BM6601	Radiological Equipment
160.	BM	B.E. BIOMEDICAL ENGINEERING	BM6602	Biomechanics
161.	BM	B.E. BIOMEDICAL ENGINEERING	BM6603	Diagnostic and Therapeutic Equipment - II
162.	BM	B.E. BIOMEDICAL ENGINEERING	BM6611	Digital Signal Processing Laboratory
163.	BM	B.E. BIOMEDICAL ENGINEERING	BM6612	Diagnostic and Therapeutic Equipment Laboratory
164.	BM	B.E. BIOMEDICAL ENGINEERING	BM6701	Pattern Recognition and Neural Networks
165.	BM	B.E. BIOMEDICAL ENGINEERING	BM6702	Medical Informatics
166.	BM	B.E. BIOMEDICAL ENGINEERING	BM6703	Medical Optics
167.	BM	B.E. BIOMEDICAL ENGINEERING	BM6711	Hospital Training
168.	BM	B.E. BIOMEDICAL ENGINEERING	BM6712	Digital Image Processing Laboratory
169.	BM	B.E. BIOMEDICAL ENGINEERING	BM6801	Rehabilitation Engineering



170.	BM	B.E. BIOMEDICAL ENGINEERING	BM6811	Project Work
171.	BT	BTECH BIOTECHNOLOGY	BT17201	Biochemistry
172.	BT	BTECH BIOTECHNOLOGY	BT17211	Biochemistry Laboratory
173.	BT	BTECH BIOTECHNOLOGY	BT17301	Enzyme Technology and Bio- Transformations
174.	BT	BTECH BIOTECHNOLOGY	BT17302	Basic Industrial Biotechnology
175.	BT	BTECH BIOTECHNOLOGY	BT17303	Instrumental Methods of Analysis
176.	BT	BTECH BIOTECHNOLOGY	BT17304	Cell Biology
177.	BT	BTECH BIOTECHNOLOGY	BT17305	Stoichiometry and Fluid Mechanics
178.	BT	BTECH BIOTECHNOLOGY	BT17311	Instrumental Methods of Analysis Laboratory
179.	BT	BTECH BIOTECHNOLOGY	BT17312	Cell Biology Laboratory
180.	BT	BTECH BIOTECHNOLOGY	BT17401	Chemical Thermodynamics for Biotechnologists
181.	BT	BTECH BIOTECHNOLOGY	BT17402	Unit operations
182.	BT	BTECH BIOTECHNOLOGY	BT17403	Food Biotechnology
183.	BT	BTECH BIOTECHNOLOGY	BT17404	Microbiology
184.	BT	BTECH BIOTECHNOLOGY	BT17411	Chemical Engineering Laboratory
185.	BT	BTECH BIOTECHNOLOGY	BT17412	Microbiology Laboratory
186.	BT	BTECH BIOTECHNOLOGY	BT17501	Bioprocess Principles
187.	BT	BTECH BIOTECHNOLOGY	BT17502	Mass Transfer Operations
188.	BT	BTECH BIOTECHNOLOGY	BT17503	Molecular Biology
189.	BT	BTECH BIOTECHNOLOGY	BT17504	Bioinformatics
190.	BT	BTECH BIOTECHNOLOGY	BT17511	Bioprocess Laboratory I



191.	BT	BTECH BIOTECHNOLOGY	BT17512	Molecular Biology Laboratory
192.	BT	BTECH BIOTECHNOLOGY	BT17513	Bioinformatics Laboratory
193.	BT	BTECH BIOTECHNOLOGY	BT17601	Biopharmaceutical Technology
194.	BT	BTECH BIOTECHNOLOGY	BT17602	Bioprocess Technology
195.	BT	BTECH BIOTECHNOLOGY	BT17603	Genetic Engineering
196.	BT	BTECH BIOTECHNOLOGY	BT17604	Chemical Reaction Engineering
197.	BT	BTECH BIOTECHNOLOGY	BT17611	Bioprocess Laboratory II
198.	BT	BTECH BIOTECHNOLOGY	BT17612	Genetic Engineering Laboratory
199.	BT	BTECH BIOTECHNOLOGY	BT17613	Numerical Programming for Biotechnologists
200.	BT	BTECH BIOTECHNOLOGY	BT17614	Industry Training
201.	BT	BTECH BIOTECHNOLOGY	BT17701	Downstream Processing
202.	BT	BTECH BIOTECHNOLOGY	BT17702	Immunology
203.	BT	BTECH BIOTECHNOLOGY	BT17703	Protein Engineering
204.	BT	BTECH BIOTECHNOLOGY	BT17711	Downstream Processing Laboratory
205.	BT	BTECH BIOTECHNOLOGY	BT17712	Immunology Laboratory
206.	BT	BTECH BIOTECHNOLOGY	BT17811	Project Work
207.	BY	M.TECH BIOTECHNOLOGY	BY17101	Advanced Genetic Engineering
208.	BY	M.TECH BIOTECHNOLOGY	BY17102	Enzyme Technology and Fermentation Technology
209.	BY	M.TECH BIOTECHNOLOGY	BY17103	Bioinformatics and Applications
210.	BY	M.TECH BIOTECHNOLOGY	BY17111	Preparative and Analytical Techniques in Biotechnology
211.	BY	M.TECH BIOTECHNOLOGY	BY17201	Bio separation Technology



212.	BY	M.TECH BIOTECHNOLOGY	BY17202	Bioprocess Engineering
213.	BY	M.TECH BIOTECHNOLOGY	BY17203	Biopharmaceuticals and Biosimilars
214.	BY	M.TECH BIOTECHNOLOGY	BY17204	Immunotechnology
215.	BY	M.TECH BIOTECHNOLOGY	BY17205	Advanced Genomics and Proteomics
216.	BY	M.TECH BIOTECHNOLOGY	BY17211	Immunotechnology Laboratory
217.	BY	M.TECH BIOTECHNOLOGY	BY17311	Advanced Molecular Biology and Genetic Engineering Laboratory
218.	BY	M.TECH BIOTECHNOLOGY	BY17312	Bioprocess and Downstream processing laboratory
219.	BY	M.TECH BIOTECHNOLOGY	BY17313	Project Phase I
220.	BY	M.TECH BIOTECHNOLOGY	BY17411	Project Phase II
221.	BY	M.TECH BIOTECHNOLOGY	BY17E11	Molecular concepts in Biotechnology
222.	BY	M.TECH BIOTECHNOLOGY	BY17E14	Advances in Animal Biotechnology
223.	BY	M.TECH BIOTECHNOLOGY	BY17E15	Analytical Techniques in Biotechnology
224.	BY	M.TECH BIOTECHNOLOGY	BY17E17	Oncogenetics
225.	BY	M.TECH BIOTECHNOLOGY	BY17E18	Biotechnology in Food Processing
226.	BY	M.TECH BIOTECHNOLOGY	BY17E23	Advances in Molecular Pathogenesis
227.	BY	M.TECH BIOTECHNOLOGY	BY17E27	Tissue Engineering
228.	CE	B.E. CIVIL ENGINEERING	CE17211	Computer Aided Building Drawing
229.	CE	B.E. CIVIL ENGINEERING	CE17301	Engineering Geology
230.	CE	B.E. CIVIL ENGINEERING	CE17302	Construction Materials
231.	CE	B.E. CIVIL ENGINEERING	CE17303	Strength of Materials I
232.	CE	B.E. CIVIL ENGINEERING	CE17304	Fluid Mechanics



233.	CE	B.E. CIVIL ENGINEERING	CE17305	Surveying
234.	CE	B.E. CIVIL ENGINEERING	CE17311	Surveying Laboratory
235.	CE	B.E. CIVIL ENGINEERING	CE17312	Strength of Materials Laboratory
236.	CE	B.E. CIVIL ENGINEERING	CE17401	Construction Techniques, Equipment and Practice
237.	CE	B.E. CIVIL ENGINEERING	CE17402	Strength of Materials II
238.	CE	B.E. CIVIL ENGINEERING	CE17403	Applied Hydraulic Engineering
239.	CE	B.E. CIVIL ENGINEERING	CE17404	Concrete Technology
240.	CE	B.E. CIVIL ENGINEERING	CE17405	Soil Mechanics
241.	CE	B.E. CIVIL ENGINEERING	CE17411	Soil Mechanics Laboratory
242.	CE	B.E. CIVIL ENGINEERING	CE17412	Hydraulic Engineering Laboratory
243.	CE	B.E. CIVIL ENGINEERING	CE6001	Hydrology
244.	CE	B.E. CIVIL ENGINEERING	CE6002	Concrete Technology
245.	CE	B.E. CIVIL ENGINEERING	CE6005	Construction Planning and Scheduling
246.	CE	B.E. CIVIL ENGINEERING	CE6006	Traffic Engineering and Management
247.	CE	B.E. CIVIL ENGINEERING	CE6012	Ground Improvement Techniques
248.	CE	B.E. CIVIL ENGINEERING	CE6016	Prefabricated Structures
249.	CE	B.E. CIVIL ENGINEERING	CE6021	Repair and Rehabilitation of Structures
250.	CE	B.E. CIVIL ENGINEERING	CE6501	Structural Analysis I
251.	CE	B.E. CIVIL ENGINEERING	CE6502	Foundation Engineering
252.	CE	B.E. CIVIL ENGINEERING	CE6503	Environmental Engineering I
253.	CE	B.E. CIVIL ENGINEERING	CE6504	Highway Engineering



254.	CE	B.E. CIVIL ENGINEERING	CE6505	Design of Reinforced Concrete Elements
255.	CE	B.E. CIVIL ENGINEERING	CE6506	Construction Techniques, Equipment and Practice
256.	CE	B.E. CIVIL ENGINEERING	CE6511	Soil Mechanics Laboratory
257.	CE	B.E. CIVIL ENGINEERING	CE6512	Survey Camp
258.	CE	B.E. CIVIL ENGINEERING	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
259.	CE	B.E. CIVIL ENGINEERING	CE6602	Structural Analysis II
260.	CE	B.E. CIVIL ENGINEERING	CE6603	Design of Steel Structures
261.	CE	B.E. CIVIL ENGINEERING	CE6604	Railways, Airports and Harbour Engineering
262.	CE	B.E. CIVIL ENGINEERING	CE6605	Environmental Engineering II
263.	CE	B.E. CIVIL ENGINEERING	CE6611	Environmental Engineering Laboratory
264.	CE	B.E. CIVIL ENGINEERING	CE6612	Concrete and Highway Engineering Laboratory
265.	CE	B.E. CIVIL ENGINEERING	CE6701	Structural Dynamics and Earthquake Engineering
266.	CE	B.E. CIVIL ENGINEERING	CE6702	Prestressed Concrete Structures
267.	CE	B.E. CIVIL ENGINEERING	CE6703	Water Resources and Irrigation Engineering
268.	CE	B.E. CIVIL ENGINEERING	CE6711	Computer Aided Design and Drafting Laboratory
269.	CE	B.E. CIVIL ENGINEERING	CE6712	Design Project
270.	CE	B.E. CIVIL ENGINEERING	CE6713	Estimation and Quantity Surveying
271.	CE	B.E. CIVIL ENGINEERING	CE6811	Project Work
272.	CH	B.Tech CHEMICAL ENGINEERING	CH 17301	Chemical Process Calculations
273.	AE	B.Tech CHEMICAL ENGINEERING	CH17151	Engineering Chemistry
274.	CH	B.Tech CHEMICAL ENGINEERING	CH17201	Principles of Chemical Engineering



275.	CH	B.Tech CHEMICAL ENGINEERING	CH17302	Fluid Mechanics for Chemical Engineers
276.	CH	B.Tech CHEMICAL ENGINEERING	CH17303	Solid Mechanics for Technologists
277.	CH	B.Tech CHEMICAL ENGINEERING	CH17401	Chemical Engineering Thermodynamics I
278.	CH	B.Tech CHEMICAL ENGINEERING	CH17402	Heat Transfer
279.	CH	B.Tech CHEMICAL ENGINEERING	CH17403	Mechanical Operations
280.	CH	B.Tech CHEMICAL ENGINEERING	CH17411	Fluid Mechanics Laboratory
281.	CH	B.Tech CHEMICAL ENGINEERING	CH17501	Chemical Process Industries
282.	CH	B.Tech CHEMICAL ENGINEERING	CH17502	Chemical Engineering Thermodynamics II
283.	CH	B.Tech CHEMICAL ENGINEERING	CH17503	Mass Transfer I
284.	CH	B.Tech CHEMICAL ENGINEERING	CH17504	Chemical Reaction Engineering I
285.	CH	B.Tech CHEMICAL ENGINEERING	CH17511	Mechanical Operations Laboratory
286.	CH	B.Tech CHEMICAL ENGINEERING	CH17512	Heat Transfer Laboratory
287.	CH	B.Tech CHEMICAL ENGINEERING	CH17601	Chemical Reaction Engineering II
288.	CH	B.Tech CHEMICAL ENGINEERING	CH17602	Mass Transfer II
289.	CH	B.Tech CHEMICAL ENGINEERING	CH17603	Process Instrumentation Dynamics and Control
290.	CH	B.Tech CHEMICAL ENGINEERING	CH17604	Process Engineering Economics
291.	CH	B.Tech CHEMICAL ENGINEERING	CH17611	Computational Programming Laboratory for Chemical Engineers
292.	CH	B.Tech CHEMICAL ENGINEERING	CH17612	Chemical Reaction Engineering Laboratory
293.	CH	B.Tech CHEMICAL ENGINEERING	CH17701	Transport Phenomena
294.	CH	B.Tech CHEMICAL ENGINEERING	CH17702	Process Equipment Design
295.	CH	B.Tech CHEMICAL ENGINEERING	CH17703	Optimization of Chemical Processes



296.	CH	B.Tech CHEMICAL ENGINEERING	CH17704	Comprehensive Chemical Engineering
297.	CH	B.Tech CHEMICAL ENGINEERING	CH17711	Process Control Laboratory
298.	CH	B.Tech CHEMICAL ENGINEERING	CH17712	Mass Transfer Laboratory
299.	CH	B.Tech CHEMICAL ENGINEERING	CH17713	Mini Project
300.	CH	B.Tech CHEMICAL ENGINEERING	CH17811	Project Work
301.	CH	B.Tech CHEMICAL ENGINEERING	CH17E12	Fluidization Engineering
302.	CH	B.Tech CHEMICAL ENGINEERING	CH17E13	Food Technology
303.	CH	B.Tech CHEMICAL ENGINEERING	CH17E14	Instrumental Methods of Chemical Analysis
304.	CH	B.Tech CHEMICAL ENGINEERING	CH17E15	Computer Applications in Chemical Engineering
305.	CH	B.Tech CHEMICAL ENGINEERING	CH17E21	Air Pollution and Control
306.	CH	B.Tech CHEMICAL ENGINEERING	CH17E22	Frontiers of Chemical Engineering
307.	CH	B.Tech CHEMICAL ENGINEERING	CH17E23	Industrial Process Plant Safety
308.	CH	B.Tech CHEMICAL ENGINEERING	CH17E31	Electrochemical Engineering
309.	CH	B.Tech CHEMICAL ENGINEERING	CH17E33	Waste water treatment
310.	CH	B.Tech CHEMICAL ENGINEERING	CH17E34	Modern Separation Techniques
311.	CH	B.Tech CHEMICAL ENGINEERING	CH17E35	Petroleum Technology
312.	CH	B.Tech CHEMICAL ENGINEERING	CH17E42	Process Modeling and Simulation
313.	CH	B.Tech CHEMICAL ENGINEERING	CH17E43	Process Plant Utilities
314.	CH	B.Tech CHEMICAL ENGINEERING	CH17E44	Biochemical Engineering
315.	CH	B.Tech CHEMICAL ENGINEERING	CH17E52	Petroleum Refining and Petrochemicals
316.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17101	Design and Management of Computer Networks



317.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17102	Advanced Data Structures and Algorithms
318.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17103	Multicore Architectures
319.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17104	Advanced Operating Systems
320.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17111	Advanced Data Structures Lab
321.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17201	Cloud Computing Technologies
322.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17202	Advanced Databases
323.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17203	Machine Learning Techniques
324.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17204	Big Data Analytics
325.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17211	Cloud Computing Lab
326.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17212	Term paper writing and seminar
327.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17301	Security Principles
328.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17311	Project Work(Phase I)
329.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17411	Project Work(Phase II)
330.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E24	Software Quality Assurance and Testing
331.	CP	M.E. COMPUTER	CP17E27	Software Requirements



		SCIENCE & ENGINEERING		Engineering
332.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E35	Trust Computing
333.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E36	Internet of Things
334.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E39	Information Storage Management
335.	BM, CS, EC, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17201	Data Structures
336.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17202	Digital System Design
337.	BM,CS,EC, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17211	Data Structures Laboratory
338.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17212	Digital System Design Laboratory
339.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17301	Design and Analysis of Algorithms



340.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17302	Object Oriented Programming
341.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17303	Computer Architecture
342.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17304	Database Management Systems
343.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17311	Object Oriented Programming Laboratory
344.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17312	Database Management Systems Laboratory
345.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	CS17351	Object Oriented Programming Paradigm
346.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	CS17361	Object Oriented Programming Paradigm Laboratory
347.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17401	Operating Systems
348.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17402	Software Engineering
349.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17403	Computer Networks



350.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17411	Operating Systems Laboratory
351.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17412	Computer Networks Laboratory
352.	IT	B.TECH INFORMATION TECHNOLOGY	CS6001	C# and .Net Programming
353.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6004	Cyber Forensics
354.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6008	Human Computer Interaction
355.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS6303	Computer Architecture
356.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6501	Internet Programming
357.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6502	Object Oriented Analysis and Design
358.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6503	Theory of Computation
359.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6504	Computer Graphics
360.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6511	Case Tools Laboratory
361.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6512	Internet Programming Laboratory
362.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6513	Computer Graphics Laboratory



363.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	CS6551	Computer Networks
364.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6601	Distributed Systems
365.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6611	Mobile Application Development Laboratory
366.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6612	Compiler Laboratory
367.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6659	Artificial Intelligence
368.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6660	Compiler Design
369.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6701	Cryptography and Network Security
370.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6702	Graph Theory and Applications
371.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6703	Grid and Cloud Computing
372.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6704	Resource Management Techniques
373.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6711	Security Laboratory
374.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6712	Grid and Cloud Computing Laboratory
375.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6801	Multi – Core Architectures and Programming
376.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6811	Project Work
377.	CU	M.E. COMMUNICATION	CU17101	Advanced Radiation Systems



		SYSTEMS,		
378.	CU	M.E. COMMUNICATION SYSTEMS,	CU17102	Optical Networks
379.	CU	M.E. COMMUNICATION SYSTEMS,	CU17103	Advanced Digital Communication Techniques
380.	CU	M.E. COMMUNICATION SYSTEMS,	CU17104	Advanced Digital Signal Processing
381.	CU	M.E. COMMUNICATION SYSTEMS,	CU17111	Communication Systems Laboratory
382.	CU	M.E. COMMUNICATION SYSTEMS,	CU17201	Wireless Communication Networks
383.	CU	M.E. COMMUNICATION SYSTEMS,	CU17202	MIC and RF System Design
384.	CU	M.E. COMMUNICATION SYSTEMS,	CU17203	Communication System Modeling and Simulation
385.	CU	M.E. COMMUNICATION SYSTEMS,	CU17211	Innovative System Design Laboratory
386.	CU	M.E. COMMUNICATION SYSTEMS,	CU17311	Technical Paper Writing
387.	CU	M.E. COMMUNICATION SYSTEMS,	CU17312	Project Work (Phase I)
388.	CU	M.E. COMMUNICATION SYSTEMS,	CU17411	Project Work (Phase II)
389.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E12	Real Time Embedded Systems
390.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E13	MEMS and NEMS
391.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E25	Digital Image and Video processing
392.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E36	Communication Network Security



393.	AT, BM, BT, CH, CE, CS, EE, EC, IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CY17151	Engineering Chemistry
394.	CH	B.Tech CHEMICAL ENGINEERING	CY17201	Chemistry for Technologists
395.	BT	BTECH BIOTECHNOLOGY	CY17202	Bioorganic Chemistry
396.	CH	B.Tech CHEMICAL ENGINEERING	CY17211	Chemical Analysis Laboratory
397.	AE, AT, BM, BT, CE, CS, EC, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING,	CY17251	Environmental Science and Engineering



		B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS		
398.	CH	B.Tech CHEMICAL ENGINEERING	CY17301	Organic Chemistry
399.	CH	B.Tech CHEMICAL ENGINEERING	CY17401	Physical Chemistry
400.	CH	B.Tech CHEMICAL ENGINEERING	CY17412	Organic Chemistry Laboratory
401.	BM	B.E. BIOMEDICAL ENGINEERING	EC17201	Electron Devices
402.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17211	Circuits and Devices Laboratory
403.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17301	Electronic Circuits-I
404.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17302	Digital Electronics
405.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17303	Signals and systems
406.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17311	Analog and Digital Circuits Laboratory
407.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	EC17351	Microprocessors and Microcontrollers
408.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	EC17352	Communication Engineering



409.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	EC17361	Microprocessors and Microcontrollers Laboratory
410.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17401	Electronic Circuits- II
411.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17402	Communication Theory
412.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17403	Control system Engineering
413.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17404	Linear Integrated Circuits
414.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17405	Electromagnetic Fields
415.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17411	Circuit Design and Simulation Laboratory
416.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17412	Linear Integrated Circuits Laboratory
417.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6001	Medical Electronics
418.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6004	Satellite Communication
419.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6007	Speech Processing
420.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6014	Cognitive Radio
421.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6501	Digital Communication



422.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6502	Principles of Digital Signal Processing
423.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6503	Transmission Lines and Wave Guides
424.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6504	Microprocessor and Microcontroller
425.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6511	Digital Signal Processing Laboratory
426.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6512	Communication System Laboratory
427.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6513	Microprocessor and Microcontroller Laboratory
428.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6601	VLSI Design
429.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6611	Computer Networks Laboratory
430.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6612	VLSI Design Laboratory
431.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EC6651	Communication Engineering
432.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6711	Embedded Laboratory
433.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6801	Wireless Communication
434.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6811	Project Work



435.	ED	M.E. ENGINEERING DESIGN	ED17101	Mechanical Behavior of Materials
436.	ED	M.E. ENGINEERING DESIGN	ED17102	Computer Applications in Design
437.	ED	M.E. ENGINEERING DESIGN	ED17103	Quality Concepts in Design
438.	ED	M.E. ENGINEERING DESIGN	ED17104	Advanced Finite Element Analysis
439.	ED	M.E. ENGINEERING DESIGN	ED17111	CAD Laboratory
440.	ED	M.E. ENGINEERING DESIGN	ED17112	Advanced Analysis and Simulation Laboratory
441.	ED	M.E. ENGINEERING DESIGN	ED17201	Research Methodology
442.	ED	M.E. ENGINEERING DESIGN	ED17202	Engineering Fracture Mechanics
443.	ED	M.E. ENGINEERING DESIGN	ED17203	Integrated Mechanical Design
444.	ED	M.E. ENGINEERING DESIGN	ED17204	Vibration Analysis and Control
445.	ED	M.E. ENGINEERING DESIGN	ED17211	Vibrations Lab
446.	ED	M.E. ENGINEERING DESIGN	ED17212	Design Project
447.	ED	M.E. ENGINEERING DESIGN	ED17301	Mechanisms Design and Simulation
448.	ED	M.E. ENGINEERING DESIGN	ED17311	Project Work (Phase I)
449.	ED	M.E. ENGINEERING DESIGN	ED17411	Project Work (Phase II)
450.	ED	M.E. ENGINEERING DESIGN	ED17E12	Design of Pressure Vessel and Piping (Elective I)
451.	ED	M.E. ENGINEERING DESIGN	ED17E25	Surface Engineering
452.	ED	M.E. ENGINEERING DESIGN	ED17E26	Advanced Mechanics of Materials
453.	ED	M.E. ENGINEERING DESIGN	ED17E32	Design of Hydraulic and Pneumatic Systems
454.	ED	M.E. ENGINEERING DESIGN	ED17E37	Composite Materials and Mechanics
455.	BM, EE	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRICAL &	EE17202	Electric Circuit Theory



		ELECTRONICS ENGINEERING		
456.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17211	Electric Circuits Laboratory
457.	CE	B.E. CIVIL ENGINEERING	EE17251	Basic Electrical and Electronics Engineering
458.	AE, AT, FT, ME, MT, CH	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.TECH FOOD TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS, B.Tech CHEMICAL ENGINEERING	EE17252	Basic Electrical, Electronics and Instrumentation Engineering
459.	CH	B.Tech CHEMICAL ENGINEERING	EE17301	Principles of Electrical and Electronics Engineering
460.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17303	Electromagnetic Theory
461.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17304	Linear Integrated Circuits and Applications
462.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17305	Electronic Devices and Circuits
463.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17306	Power Plant Engineering
464.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17311	Electronics Laboratory
465.	ME	B.E. MECHANICAL ENGINEERING	EE17351	Electrical Drives and Controls
466.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EE17353	Electrical and Instrumentation Engineering
467.	ME	B.E. MECHANICAL ENGINEERING	EE17361	Electrical Engineering Laboratory



468.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17401	Measurements and Instrumentation
469.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17402	Electrical Machines - I
470.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17403	Transmission and Distribution
471.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17404	Control Systems
472.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17405	Digital Logic Circuits
473.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17411	Electrical Machines Laboratory– I
474.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17412	Linear and Digital Integrated Circuits Laboratory
475.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE17413	Control and Instrumentation Laboratory
476.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6002	Power System Transients
477.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6004	Flexible AC Transmission Systems
478.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6005	Power Quality
479.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6009	Power Electronics for Renewable Energy Systems
480.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6501	Power System Analysis
481.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6502	Microprocessors and Microcontrollers



482.	MT,EE	B.E. MECHATRONICS B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6503	Power Electronics
483.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6504	Electrical Machines - II
484.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6511	Control and Instrumentation Laboratory
485.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6512	Electrical Machines Laboratory - II
486.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6601	Solid State Drives
487.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6602	Embedded Systems
488.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6603	Power System Operation and Control
489.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6604	Design of Electrical Machines
490.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6611	Power Electronics and Drives Laboratory
491.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6612	Microprocessors and Microcontrollers Laboratory
492.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6613	Presentation Skills and Technical Seminar
493.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6701	High Voltage Engineering
494.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6702	Protection and Switchgear
495.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6703	Special Electrical Machines



496.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6711	Power System Simulation Laboratory
497.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6712	Comprehension
498.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6801	Electric Energy Generation, Utilization and Conservation
499.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EE6811	Project Work
500.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	EI6703	Fibre Optics and Laser Instruments
501.	CE	B.E. CIVIL ENGINEERING	EN6501	Municipal Solid Waste Management
502.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17101	Real Time Systems
503.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17102	Advanced Digital System Design
504.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17103	Microcontroller Based System Design
505.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17104	Design of Embedded Systems
506.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17111	Embedded System Laboratory I
507.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17201	VLSI Architecture and Design Methodologies
508.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17202	Embedded Networking
509.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17203	Wireless and Mobile Communication
510.	ET	M.E. EMBEDDED SYSTEM &	ET17204	Software for Embedded Systems



		TECHNOLOGIES		
511.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17211	Embedded System Laboratory II
512.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17311	Project Work (Phase I)
513.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17312	IOT Applications for Embedded Systems
514.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17411	Project Work (Phase II)
515.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E11	Digital Instrumentation
516.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E22	Programming with VHDL
517.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E31	Advanced Embedded Systems
518.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E33	Cryptography and Network Security
519.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E35	Computer in Networking and Digital Control
520.	CU	M.E. COMMUNICATION SYSTEMS	CU17E23	Cognitive Radio
521.	CU	M.E. COMMUNICATION SYSTEMS	CU17E28	High Performance Networks
522.	CU	M.E. COMMUNICATION SYSTEMS	CU17E32	Internetworking Multimedia
523.	FT	B.TECH FOOD TECHNOLOGY	FT17202	Food Chemistry
524.	FT	B.TECH FOOD TECHNOLOGY	FT17211	Food chemistry Lab



525.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17151	Problem Solving and Python Programming
526.	AE, AT, BM, BT, CE, CS, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS	GE17152	Engineering Graphics



		ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS		
527.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY B.Tech CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. COMPUTER SCIENCE & ENGINEERING B.E. ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH FOOD TECHNOLOGY B.TECH INFORMATION TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS	GE17161	Problem Solving and Python Programming Lab



528.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.TECH INFO RMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17162	Physics and Chemistry Laboratory
529.	AE, AT, CE, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17251	Engineering Mechanics



530.	AE, AT, BM, BT, CE, CS, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17261	Engineering Practice Laboratory
531.	AE, AT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17262	Basic Electrical, Electronics and Instrumentation Engineering Laboratory
532.	BT, ME	BTECH BIOTECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE17451	Total Quality Management
533.	CH	B.Tech CHEMICAL ENGINEERING	GE17E25	Human values and Professional Ethics



534.	EE, EC, IT, ME, MT	B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE6075	Professional Ethics in Engineering
535.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	GE6082	Indian Constitution and Society
536.	AE	B.E. AERONAUTICAL ENGINEERING	GE6083	Disaster Management
537.	AE, AT, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHATRONICS	GE6351	Environmental Science and Engineering
538.	AT	B.E. AUTOMOBILE ENGINEERING	GE6563	Communication Skills - Laboratory Based
539.	AE, BM, CE, CS, EE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHANICAL ENGINEERING	GE6674	Communication and Soft Skills- Laboratory Based
540.	AE, EE, EC, ME	B.E. AERONAUTICAL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS &	GE6757	Total Quality Management



		COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING		
541.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	HS17151	Communicative English



542.	AT, AE, BM, BT, CH, CE, CS, EC, EE, FT, IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. AERONAUTICAL ENGINEERING B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	HS17251	Technical English
543.	AT, AE, BM, BT, CH, CE, CS, EC, EE, FT, IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. AERONAUTICAL ENGINEERING B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING,	HS17252	Professional English Communication



		B.TECH FOOD TECHNOLOGY, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS		
544.	AT, BT, CE, CS, EC, IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, BTECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	HS17361	Interpersonal Skills - Listening & Speaking
545.	BT, CE, IT, ME	BTECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	HS17461	Advanced Reading and writing
546.	EE	B.E. ELECTRICAL & ELECTRONICS ENGINEERING	IC6501	Control Systems
547.	ME	B.E. MECHANICAL ENGINEERING	IE6605	Production Planning and Control
548.	IT	B.TECH INFORMATION TECHNOLOGY	IT17201	Information Technology Essentials
549.	IT	B.TECH INFORMATION TECHNOLOGY	IT17202	Digital Principles and System Design
550.	IT	B.TECH INFORMATION TECHNOLOGY	IT17211	Digital Lab



551.	IT	B.TECH INFORMATION TECHNOLOGY	IT17301	Computer Organization
552.	IT	B.TECH INFORMATION TECHNOLOGY	IT17411	Information Systems Analysis and Design Laboratory
553.	BM, EC, MT	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHATRONICS	IT6005	Digital Image Processing
554.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	IT6006	Data Analytics
555.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT6502	Digital Signal Processing
556.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT6601	Mobile Computing
557.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT6702	Data Warehousing and Data Mining
558.	AE, AT, BM, BT, CH, CE, CS, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS &	MA17151	Engineering Mathematics – I



		COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS		
559.	MX	M.E. MEDICAL ELECTRONICS	MA17171	Applied Mathematics for Electronics Engineers
560.	BY	M.TECH BIOTECHNOLOGY	MA17172	Applied Statistics for Biotechnologists
561.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	MA17173	Applied Probability and Statistics
562.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	MA17174	Applied Mathematics for Electrical Engineers
563.	ED	M.E. ENGINEERING DESIGN	MA17176	Advanced Numerical Methods
564.	AV	M.E. AVIONICS	MA17177	Advanced Applied Mathematics
565.	AE, AT, BM, BT, CH, CE, CS, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL	MA17251	Engineering Mathematics – II



		ENGINEERING, B.E. MECHATRONICS		
566.	AE, AT, BT, CE, EE, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, BTECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MA17351	TRANSFORMS AND PARTIAL DIFFERENTIAL EQUATIONS
567.	EC,BM	B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.E. BIOMEDICAL ENGINEERING	MA17352	Linear Algebra and Partial Differential Equations
568.	BM, BT, CH, IT	B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.TECH INFORMATION TECHNOLOGY	MA17353	Probability and statistics
569.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	MA17354	Discrete Mathematics
570.	AE, CH, CE, EE	B.E. AERONAUTICAL ENGINEERING, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING	MA17451	Numerical Methods



571.	AT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MA17452	Statistics and Numerical Methods
572.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA17453	Probability, Statistics and Queuing Theory
573.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	MA17454	Transforms and Random Processes
574.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA6566	Discrete Mathematics
575.	BM	B.E. BIOMEDICAL ENGINEERING	MD6008	Fiber Optics and Lasers in Medicine
576.	BM	B.E. BIOMEDICAL ENGINEERING	MD6501	Hospital Management
577.	BM	B.E. BIOMEDICAL ENGINEERING	MD6702	Physiological Modeling
578.	BM	B.E. BIOMEDICAL ENGINEERING	ME17202	Engineering Mechanics for Biomedical Engineers
579.	BT, EE	BTECH BIOTECHNOLOGY, B.E. ELECTRICAL & ELECTRONICS ENGINEERING	ME17251	Basic Civil and Mechanical Engineering
580.	ME	B.E. MECHANICAL ENGINEERING	ME17301	Engineering Thermodynamics
581.	ME	B.E. MECHANICAL ENGINEERING	ME17302	Kinematics of Machinery
582.	ME	B.E. MECHANICAL ENGINEERING	ME17303	Manufacturing Technology - I
583.	ME	B.E. MECHANICAL ENGINEERING	ME17311	Manufacturing Technology Laboratory - I
584.	ME	B.E. MECHANICAL ENGINEERING	ME17312	Computer Aided Machine Drawing
585.	AT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME17401	Fluid Mechanics and Machinery



586.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME17402	Strength of Materials
587.	ME	B.E. MECHANICAL ENGINEERING	ME17403	Manufacturing Technology– II
588.	ME	B.E. MECHANICAL ENGINEERING	ME17404	Thermal Engineering- I
589.	ME	B.E. MECHANICAL ENGINEERING	ME17411	Manufacturing Technology Laboratory–II
590.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME17412	Strength of Materials and Fluid Mechanics and Machinery Laboratory
591.	ME	B.E. MECHANICAL ENGINEERING	ME6002	Refrigeration and Air conditioning
592.	ME	B.E. MECHANICAL ENGINEERING	ME6004	Unconventional Machining Processes
593.	ME	B.E. MECHANICAL ENGINEERING	ME6005	Process Planning and Cost Estimation (Elective II)
594.	ME	B.E. MECHANICAL ENGINEERING	ME6008	Welding Technology
595.	ME	B.E. MECHANICAL ENGINEERING	ME6010	Robotics
596.	ME	B.E. MECHANICAL ENGINEERING	ME6012	Maintenance Engineering
597.	AE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6014	Computational Fluid Dynamics
598.	ME	B.E. MECHANICAL ENGINEERING	ME6016	Advanced I.C. Engines
599.	ME	B.E. MECHANICAL ENGINEERING	ME6018	Additive Manufacturing
600.	ME	B.E. MECHANICAL ENGINEERING	ME6021	Hydraulics and Pneumatics
601.	ME	B.E. MECHANICAL ENGINEERING	ME6501	Computer Aided Design
602.	ME	B.E. MECHANICAL ENGINEERING	ME6502	Heat and Mass Transfer
603.	AT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME6503	Design of Machine Elements



604.	ME	B.E. MECHANICAL ENGINEERING	ME6504	Metrology and Measurements
605.	ME	B.E. MECHANICAL ENGINEERING	ME6505	Dynamics of Machines
606.	ME	B.E. MECHANICAL ENGINEERING	ME6511	Dynamics Laboratory
607.	ME	B.E. MECHANICAL ENGINEERING	ME6512	Thermal Engineering Laboratory-II
608.	ME	B.E. MECHANICAL ENGINEERING	ME6513	Metrology and Measurements Laboratory
609.	ME	B.E. MECHANICAL ENGINEERING	ME6601	Design of Transmission Systems
610.	ME,MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME6602	Automobile Engineering
611.	AT, ME	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6603	Finite Element Analysis
612.	ME	B.E. MECHANICAL ENGINEERING	ME6604	Gas Dynamics and Jet Propulsion
613.	ME	B.E. MECHANICAL ENGINEERING	ME6611	C.A.D. / C.A.M. Laboratory
614.	ME	B.E. MECHANICAL ENGINEERING	ME6612	Design and Fabrication Project
615.	EE, ME	B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6701	Power Plant Engineering
616.	ME	B.E. MECHANICAL ENGINEERING	ME6702	Mechatronics
617.	ME	B.E. MECHANICAL ENGINEERING	ME6703	Computer Integrated Manufacturing
618.	ME	B.E. MECHANICAL ENGINEERING	ME6711	Simulation and Analysis Lab
619.	ME	B.E. MECHANICAL ENGINEERING	ME6712	Mechatronics Lab
620.	ME	B.E. MECHANICAL ENGINEERING	ME6713	Comprehension
621.	ME	B.E. MECHANICAL ENGINEERING	ME6811	Project Work
622.	MT	B.E. MECHATRONICS	MF6505	CNC Machining Technology



623.	MT	B.E. MECHATRONICS	MG6071	Entrepreneurship Development
624.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	MG6088	Software Project Management
625.	AE, AT, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MG6851	Principles of Management
626.	ME	B.E. MECHANICAL ENGINEERING	MG6863	Engineering Economics
627.	MT	B.E. MECHATRONICS	MT17301	Electrical Machines and Drives
628.	MT	B.E. MECHATRONICS	MT17302	Digital Electronics and microprocessor
629.	MT	B.E. MECHATRONICS	MT17303	Analog Devices and Circuits
630.	MT	B.E. MECHATRONICS	MT17311	Electrical Machines and Drives Laboratory
631.	MT	B.E. MECHATRONICS	MT17312	Computer Aided Machine Drawing
632.	MT	B.E. MECHATRONICS	MT17401	Manufacturing Processes
633.	MT	B.E. MECHATRONICS	MT17402	System Dynamics and Control
634.	MT	B.E. MECHATRONICS	MT17403	Embedded Systems And Microcontrollers
635.	MT	B.E. MECHATRONICS	MT17404	Sensors and Instrumentation
636.	MT	B.E. MECHATRONICS	MT17411	Microprocessors and Microcontrollers for Automation Laboratory
637.	MT	B.E. MECHATRONICS	MT17412	Machining Processes Laboratory
638.	MT	B.E. MECHATRONICS	MT17413	Sensors and Instrumentation Laboratory
639.	MT	B.E. MECHATRONICS	MT6001	Advanced Manufacturing Technology



640.	MT	B.E. MECHATRONICS	MT6003	Engineering Economics and Cost Analysis
641.	MT	B.E. MECHATRONICS	MT6004	Industrial Electronics and Applications
642.	MT	B.E. MECHATRONICS	MT6501	Sensors and Signal Processing
643.	MT	B.E. MECHATRONICS	MT6502	Thermodynamics Principles and Applications
644.	MT	B.E. MECHATRONICS	MT6511	Power Electronics Laboratory
645.	MT	B.E. MECHATRONICS	MT6512	Sensors and Signal Processing Laboratory
646.	MT	B.E. MECHATRONICS	MT6513	CNC Laboratory
647.	MT	B.E. MECHATRONICS	MT6601	Micro Controller and PLC
648.	MT	B.E. MECHATRONICS	MT6602	Applied Hydraulics and Pneumatics
649.	MT	B.E. MECHATRONICS	MT6603	Design of Mechatronics System
650.	MT	B.E. MECHATRONICS	MT6604	Object Oriented Programming in C++
651.	MT	B.E. MECHATRONICS	MT6611	Micro Controller and PLC Laboratory
652.	MT	B.E. MECHATRONICS	MT6612	Object Oriented Programming Laboratory
653.	MT	B.E. MECHATRONICS	MT6613	Applied Hydraulics and Pneumatics Laboratory
654.	MT	B.E. MECHATRONICS	MT6701	Medical Mechatronics
655.	MT	B.E. MECHATRONICS	MT6702	Modeling and Simulation
656.	MT	B.E. MECHATRONICS	MT6703	Robotics and Machine Vision System
657.	MT	B.E. MECHATRONICS	MT6711	Computer Aided Design & Computer Aided Manufacturing Laboratory
658.	MT	B.E. MECHATRONICS	MT6712	Robotics Laboratory
659.	MT	B.E. MECHATRONICS	MT6713	Design and Fabrication Project
660.	MT	B.E. MECHATRONICS	MT6801	Automotive Electronics
661.	MT	B.E. MECHATRONICS	MT6811	Project Work
662.	MX	M.E. MEDICAL ELECTRONICS	MX17102	Human Anatomy and Physiology
663.	MX	M.E. MEDICAL ELECTRONICS	MX17103	Bio Signal Processing
664.	MX	M.E. MEDICAL ELECTRONICS	MX17104	Biomedical Instrumentation
665.	MX	M.E. MEDICAL ELECTRONICS	MX17111	Bio Medical Instrumentation and Processing Laboratory



666.	MX	M.E. MEDICAL ELECTRONICS	MX17201	Medical Image Processing
667.	MX	M.E. MEDICAL ELECTRONICS	MX17202	Medical Imaging and Radio Therapy
668.	MX	M.E. MEDICAL ELECTRONICS	MX17203	Advanced Microcontrollers
669.	MX	M.E. MEDICAL ELECTRONICS	MX17204	Biomedical Equipment
670.	MX	M.E. MEDICAL ELECTRONICS	MX17211	Advance Microcontrollers and Prototype Development Laboratory
671.	MX	M.E. MEDICAL ELECTRONICS	MX17301	Biophotonics
672.	MX	M.E. MEDICAL ELECTRONICS	MX17311	PROJECT WORK (PHASE I)
673.	MX	M.E. MEDICAL ELECTRONICS	MX17312	Training In Healthcare Sector
674.	MX	M.E. MEDICAL ELECTRONICS	MX17411	Project Work (Phase II)
675.	MX	M.E. MEDICAL ELECTRONICS	MX17E13	Biomaterials
676.	MX	M.E. MEDICAL ELECTRONICS	MX17E15	BioMEMS
677.	MX	M.E. MEDICAL ELECTRONICS	MX17E22	Biomechanics
678.	MX	M.E. MEDICAL ELECTRONICS	MX17E25	Advance Soft Computing
679.	AE, AT, BM, BT, CH, CE, CS, EE, EC, FT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRICAL & ELECTRONICS	PH17151	Engineering Physics



		ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH FOOD TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS		
680.	AE,ME,MT	B.E. AERONAUTICAL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	PH17251	Material Science
681.	BM	B.E. BIOMEDICAL ENGINEERING	PH17252	Physical science for Biomedical Engineers
682.	BT, CH	BTECH BIOTECHNOLOGY, B.Tech CHEMICAL ENGINEERING	PH17253	Physics of Materials
683.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	PH17254	Physics for Information Science
684.	EE, EC	B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	PH17255	Physics for Electronics Engineering
685.	CE	B.E. CIVIL ENGINEERING	PH17257	Physics for Civil Engineering
686.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	PX17E25	Soft Computing Techniques
687.	FT	B.TECH FOOD TECHNOLOGY	PY17151	Engineering Chemistry
688.	CP	M.E. COMPUTER	SE17102	Advanced Software Engineering



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		SCIENCE & ENGINEERING		
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List of courses offered across all programs during last five years

ACADEMIC YEAR 2017-18

S.No	Program Code	Program Name	Course code	Name of the Course
1.	AE	B.E. AERONAUTICAL ENGINEERING	AE6001	Theory of Elasticity
2.	AE	B.E. AERONAUTICAL ENGINEERING	AE6002	Aircraft General Engineering and Maintenance Practices
3.	AE	B.E. AERONAUTICAL ENGINEERING	AE6003	Space Mechanics
4.	AE	B.E. AERONAUTICAL ENGINEERING	AE6004	Heat Transfer
5.	AE	B.E. AERONAUTICAL ENGINEERING	AE6005	Helicopter Theory
6.	AE	B.E. AERONAUTICAL ENGINEERING	AE6006	Theory of Plates and Shells
7.	AE	B.E. AERONAUTICAL ENGINEERING	AE6007	Fatigue and Fracture
8.	AE	B.E. AERONAUTICAL ENGINEERING	AE6008	UAV Systems
9.	AE	B.E. AERONAUTICAL ENGINEERING	AE6009	Industrial Aerodynamics
10.	AE	B.E. AERONAUTICAL ENGINEERING	AE6010	Airframe Maintenance and Repair
11.	AE	B.E. AERONAUTICAL ENGINEERING	AE6011	Aero Engine Maintenance and Repair
12.	AE	B.E. AERONAUTICAL ENGINEERING	AE6012	Air Traffic Control and Planning
13.	AE	B.E. AERONAUTICAL ENGINEERING	AE6013	Hypersonic Aerodynamics
14.	AE	B.E. AERONAUTICAL ENGINEERING	AE6014	Experimental Aerodynamics
15.	AE	B.E. AERONAUTICAL ENGINEERING	AE6015	Rockets and Missiles
16.	AE	B.E. AERONAUTICAL ENGINEERING	AE6016	Structural Dynamics
17.	AE	B.E. AERONAUTICAL ENGINEERING	AE6301	Aero Engineering Thermodynamics
18.	AE	B.E. AERONAUTICAL ENGINEERING	AE6302	Elements of Aeronautics
19.	AE	B.E. AERONAUTICAL	AE6311	Thermodynamics Laboratory



		ENGINEERING		
20.	AE	B.E. AERONAUTICAL ENGINEERING	AE6312	CAM and Manufacturing Laboratory
21.	AE	B.E. AERONAUTICAL ENGINEERING	AE6401	Aerodynamics - I
22.	AE	B.E. AERONAUTICAL ENGINEERING	AE6402	Aircraft Systems and Instruments
23.	AE	B.E. AERONAUTICAL ENGINEERING	AE6403	Aircraft Structures - I
24.	AE	B.E. AERONAUTICAL ENGINEERING	AE6404	Propulsion - I
25.	AE	B.E. AERONAUTICAL ENGINEERING	AE6411	Aircraft Structures Laboratory - I
26.	AE	B.E. AERONAUTICAL ENGINEERING	AE6412	Aerodynamics Laboratory
27.	AE	B.E. AERONAUTICAL ENGINEERING	AE6413	CAD and Aircraft Component Drawing
28.	AE	B.E. AERONAUTICAL ENGINEERING	AE6501	Flight Dynamics
29.	AE	B.E. AERONAUTICAL ENGINEERING	AE6502	Aircraft Structures - II
30.	AE	B.E. AERONAUTICAL ENGINEERING	AE6503	Aerodynamics - II
31.	AE	B.E. AERONAUTICAL ENGINEERING	AE6504	Propulsion - II
32.	AE	B.E. AERONAUTICAL ENGINEERING	AE6505	Control Engineering
33.	AE	B.E. AERONAUTICAL ENGINEERING	AE6511	Aircraft Structures Laboratory - II
34.	AE	B.E. AERONAUTICAL ENGINEERING	AE6512	Propulsion Laboratory
35.	AE	B.E. AERONAUTICAL ENGINEERING	AE6601	Finite Element Methods
36.	AE	B.E. AERONAUTICAL ENGINEERING	AE6602	Vibrations and Elements of Aeroelasticity
37.	AE	B.E. AERONAUTICAL ENGINEERING	AE6603	Composite Materials and Structures
38.	AE	B.E. AERONAUTICAL ENGINEERING	AE6604	Aircraft Materials and Processes
39.	AE	B.E. AERONAUTICAL ENGINEERING	AE6611	Aero Engine and Airframe Laboratory
40.	AE	B.E. AERONAUTICAL	AE6612	Aircraft Design Project



		ENGINEERING		
41.	AE	B.E. AERONAUTICAL ENGINEERING	AE6613	Computer Aided Simulation Laboratory
42.	AE	B.E. AERONAUTICAL ENGINEERING	AE6701	Avionics
43.	AE	B.E. AERONAUTICAL ENGINEERING	AE6702	Experimental Stress Analysis
44.	AE	B.E. AERONAUTICAL ENGINEERING	AE6711	Aircraft Design Project
45.	AE	B.E. AERONAUTICAL ENGINEERING	AE6712	Aircraft Systems Laboratory
46.	AE	B.E. AERONAUTICAL ENGINEERING	AE6713	Flight Integration Systems and Control Laboratory
47.	AE	B.E. AERONAUTICAL ENGINEERING	AE6801	Wind Tunnel Techniques
48.	AE	B.E. AERONAUTICAL ENGINEERING	AE6811	Project Work
49.	MX	M.E. MEDICAL ELECTRONICS	AP7013	Pattern Recognition
50.	AT	B.E. AUTOMOBILE ENGINEERING	AT17201	Applied Thermodynamics
51.	AT	B.E. AUTOMOBILE ENGINEERING	AT6002	ALTERNATIVE FUELS AND ENERGY SYSTEMS
52.	AT	B.E. AUTOMOBILE ENGINEERING	AT6007	NEW GENERATION AND HYBRID VEHICLES
53.	AT	B.E. AUTOMOBILE ENGINEERING	AT6011	AUTOMOTIVE SAFETY
54.	AT	B.E. AUTOMOBILE ENGINEERING	AT6013	TRANSPORT MANAGEMENT
55.	AT	B.E. AUTOMOBILE ENGINEERING	AT6301	Automotive Engines
56.	AE, AT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING	AT6302	Mechanics of Machines
57.	AT	B.E. AUTOMOBILE ENGINEERING	AT6311	Automotive Components Laboratory
58.	AT	B.E. AUTOMOBILE ENGINEERING	AT6401	Applied Thermodynamics and Heat Transfer
59.	AT	B.E. AUTOMOBILE ENGINEERING	AT6402	Automotive Chassis
60.	AT	B.E. AUTOMOBILE	AT6501	Automotive Transmission



		ENGINEERING		
61.	AT	B.E. AUTOMOBILE ENGINEERING	AT6502	Automotive Electrical and Electronics Systems
62.	AT	B.E. AUTOMOBILE ENGINEERING	AT6503	Vehicle Design Data Characteristics
63.	AT	B.E. AUTOMOBILE ENGINEERING	AT6504	Automotive Fuels and Lubricants
64.	AT	B.E. AUTOMOBILE ENGINEERING	AT6511	Automotive Electrical and Electronics Laboratory
65.	AT	B.E. AUTOMOBILE ENGINEERING	AT6512	Automotive Fuels and Lubricants Laboratory
66.	AT	B.E. AUTOMOBILE ENGINEERING	AT6601	Automotive Engine Components Design
67.	AT	B.E. AUTOMOBILE ENGINEERING	AT6602	Automotive Chassis Components Design
68.	AT	B.E. AUTOMOBILE ENGINEERING	AT6603	Two and Three Wheelers
69.	AT	B.E. AUTOMOBILE ENGINEERING	AT6604	Vehicle Dynamics
70.	AT	B.E. AUTOMOBILE ENGINEERING	AT6611	Computer Aided Engine and Chassis Design Laboratory
71.	AT	B.E. AUTOMOBILE ENGINEERING	AT6612	Two and Three Wheelers Laboratory
72.	AT	B.E. AUTOMOBILE ENGINEERING	AT6701	Engine and Vehicle Management System
73.	AT	B.E. AUTOMOBILE ENGINEERING	AT6702	Vehicle Maintenance
74.	AT	B.E. AUTOMOBILE ENGINEERING	AT6703	Automotive Pollution and Control
75.	AT	B.E. AUTOMOBILE ENGINEERING	AT6711	Engine Performance and Emission Testing Laboratory
76.	AT	B.E. AUTOMOBILE ENGINEERING	AT6712	Vehicle Maintenance Laboratory
77.	AT	B.E. AUTOMOBILE ENGINEERING	AT6801	Vehicle Body Engineering
78.	AT	B.E. AUTOMOBILE ENGINEERING	AT6811	Project Work
79.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7012	Retail Management
80.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7013	Services Marketing
81.	BA	MASTER OF BUSINESS	BA7014	Integrated Marketing



		ADMINISTRATION		Communication
82.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7021	Security Analysis and Portfolio Management
83.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7022	Merchant Banking and Financial Services
84.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7026	Banking Financial Services Management
85.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7032	Entrepreneurship Development
86.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7034	Industrial Relations & Labour Welfare
87.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7036	Strategic Human Resource Management
88.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7051	Logistics and Supply Chain Management
89.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7052	Services Operations Management
90.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7053	Project Management
91.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7301	Enterprise Resource Planning
92.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7302	Strategic Management
93.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7311	Professional Skill Development
94.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7312	Summer Training
95.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7401	International Business Management
96.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7402	Business Ethics, Corporate Social Responsibility and Governance
97.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7411	Creativity and Innovation
98.	BA	MASTER OF BUSINESS ADMINISTRATION	BA7412	Project Work
99.	BM	B.E. BIOMEDICAL ENGINEERING	BM6002	Biometric systems
100.	BM	B.E. BIOMEDICAL ENGINEERING	BM6003	Virtual reality
101.	BM	B.E. BIOMEDICAL ENGINEERING	BM6010	Assist Devices



102.	BM	B.E. BIOMEDICAL ENGINEERING	BM6012	Wearable Systems
103.	BM	B.E. BIOMEDICAL ENGINEERING	BM6301	Bio Chemistry
104.	BM	B.E. BIOMEDICAL ENGINEERING	BM6302	Sensors and Measurements
105.	BM	B.E. BIOMEDICAL ENGINEERING	BM6303	Anatomy and Human Physiology
106.	BM	B.E. BIOMEDICAL ENGINEERING	BM6311	Bio Chemistry and Human Physiology Laboratory
107.	BM	B.E. BIOMEDICAL ENGINEERING	BM6312	OOPS and Data Structures Laboratory
108.	BM	B.E. BIOMEDICAL ENGINEERING	BM6401	Medical physics
109.	BM	B.E. BIOMEDICAL ENGINEERING	BM6402	Basics of Electrical Engineering
110.	BM	B.E. BIOMEDICAL ENGINEERING	BM6403	Analog and Digital ICs
111.	BM	B.E. BIOMEDICAL ENGINEERING	BM6404	Pathology and Microbiology
112.	BM	B.E. BIOMEDICAL ENGINEERING	BM6411	Circuits and ICs Laboratory
113.	BM	B.E. BIOMEDICAL ENGINEERING	BM6412	Pathology and Microbiology Laboratory
114.	BM	B.E. BIOMEDICAL ENGINEERING	BM6501	Bio Control Systems
115.	BM	B.E. BIOMEDICAL ENGINEERING	BM6502	Diagnostic and Therapeutic Equipment - I
116.	BM	B.E. BIOMEDICAL ENGINEERING	BM6503	Bio Materials and Artificial Organs
117.	BM	B.E. BIOMEDICAL ENGINEERING	BM6504	Biomedical Instrumentation
118.	BM	B.E. BIOMEDICAL ENGINEERING	BM6511	Microprocessor and Microcontroller Laboratory
119.	BM	B.E. BIOMEDICAL ENGINEERING	BM6512	Bio Medical Instrumentation Laboratory
120.	BM	B.E. BIOMEDICAL ENGINEERING	BM6601	Radiological Equipment
121.	BM	B.E. BIOMEDICAL ENGINEERING	BM6602	Biomechanics
122.	BM	B.E. BIOMEDICAL ENGINEERING	BM6603	Diagnostic and Therapeutic Equipment - II



123.	BM	B.E. BIOMEDICAL ENGINEERING	BM6611	Digital Signal Processing Laboratory
124.	BM	B.E. BIOMEDICAL ENGINEERING	BM6612	Diagnostic and Therapeutic Equipment Laboratory
125.	BM	B.E. BIOMEDICAL ENGINEERING	BM6701	Pattern Recognition and Neural Networks
126.	BM	B.E. BIOMEDICAL ENGINEERING	BM6702	Medical Informatics
127.	BM	B.E. BIOMEDICAL ENGINEERING	BM6703	Medical Optics
128.	BM	B.E. BIOMEDICAL ENGINEERING	BM6711	Hospital Training
129.	BM	B.E. BIOMEDICAL ENGINEERING	BM6712	Digital Image Processing Laboratory
130.	BM	B.E. BIOMEDICAL ENGINEERING	BM6801	Rehabilitation Engineering
131.	BM	B.E. BIOMEDICAL ENGINEERING	BM6811	Project Work
132.	BT	B.TECH BIOTECHNOLOGY	BT17201	Biochemistry
133.	BT	B.TECH BIOTECHNOLOGY	BT17211	Biochemistry Laboratory
134.	BT	B.TECH BIOTECHNOLOGY	BT17301	Enzyme Technology and Bio-Transformations
135.	BT	B.TECH BIOTECHNOLOGY	BT17302	Basic Industrial Biotechnology
136.	BT	B.TECH BIOTECHNOLOGY	BT17303	Instrumental Methods of Analysis
137.	BT	B.TECH BIOTECHNOLOGY	BT17304	Cell Biology
138.	BT	B.TECH BIOTECHNOLOGY	BT17305	Stoichiometry and Fluid Mechanics
139.	BT	B.TECH BIOTECHNOLOGY	BT17311	Instrumental Methods of Analysis Laboratory
140.	BT	B.TECH BIOTECHNOLOGY	BT17312	Cell Biology Laboratory
141.	BT	B.TECH BIOTECHNOLOGY	BT17401	Chemical Thermodynamics for Biotechnologists
142.	BT	B.TECH BIOTECHNOLOGY	BT17402	Unit operations
143.	BT	B.TECH BIOTECHNOLOGY	BT17403	Food Biotechnology
144.	BT	B.TECH BIOTECHNOLOGY	BT17404	Microbiology
145.	BT	B.TECH BIOTECHNOLOGY	BT17411	Chemical Engineering Laboratory
146.	BT	B.TECH BIOTECHNOLOGY	BT17412	Microbiology Laboratory
147.	BT	B.TECH BIOTECHNOLOGY	BT17501	Bioprocess Principles
148.	BT	B.TECH BIOTECHNOLOGY	BT17502	Mass Transfer Operations



149.	BT	B.TECH BIOTECHNOLOGY	BT17503	Molecular Biology
150.	BT	B.TECH BIOTECHNOLOGY	BT17504	Bioinformatics
151.	BT	B.TECH BIOTECHNOLOGY	BT17511	Bioprocess Laboratory I
152.	BT	B.TECH BIOTECHNOLOGY	BT17512	Molecular Biology Laboratory
153.	BT	B.TECH BIOTECHNOLOGY	BT17513	Bioinformatics Laboratory
154.	BT	B.TECH BIOTECHNOLOGY	BT17601	Biopharmaceutical Technology
155.	BT	B.TECH BIOTECHNOLOGY	BT17602	Bioprocess Technology
156.	BT	B.TECH BIOTECHNOLOGY	BT17603	Genetic Engineering
157.	BT	B.TECH BIOTECHNOLOGY	BT17604	Chemical Reaction Engineering
158.	BT	B.TECH BIOTECHNOLOGY	BT17611	Bioprocess Laboratory II
159.	BT	B.TECH BIOTECHNOLOGY	BT17612	Genetic Engineering Laboratory
160.	BT	B.TECH BIOTECHNOLOGY	BT17613	Numerical Programming for Biotechnologists
161.	BT	B.TECH BIOTECHNOLOGY	BT17614	Industry Training
162.	BT	B.TECH BIOTECHNOLOGY	BT17701	Downstream Processing
163.	BT	B.TECH BIOTECHNOLOGY	BT17702	Immunology
164.	BT	B.TECH BIOTECHNOLOGY	BT17703	Protein Engineering
165.	BT	B.TECH BIOTECHNOLOGY	BT17711	Downstream Processing Laboratory
166.	BT	B.TECH BIOTECHNOLOGY	BT17712	Immunology Laboratory
167.	BT	B.TECH BIOTECHNOLOGY	BT17811	Project Work
168.	BY	M.TECH BIOTECHNOLOGY	BY17101	Advanced Genetic Engineering
169.	BY	M.TECH BIOTECHNOLOGY	BY17102	Enzyme Technology and Fermentation Technology
170.	BY	M.TECH BIOTECHNOLOGY	BY17103	Bioinformatics and Applications
171.	BY	M.TECH BIOTECHNOLOGY	BY17111	Preparative and Analytical Techniques in Biotechnology
172.	BY	M.TECH BIOTECHNOLOGY	BY17201	Bio separation Technology
173.	BY	M.TECH BIOTECHNOLOGY	BY17202	Bioprocess Engineering
174.	BY	M.TECH BIOTECHNOLOGY	BY17203	Biopharmaceuticals and Biosimilars
175.	BY	M.TECH BIOTECHNOLOGY	BY17204	Immunotechnology
176.	BY	M.TECH BIOTECHNOLOGY	BY17205	Advanced Genomics and Proteomics
177.	BY	M.TECH BIOTECHNOLOGY	BY17211	Immunotechnology Laboratory
178.	BY	M.TECH BIOTECHNOLOGY	BY17311	Advanced Molecular Biology and Genetic Engineering Laboratory



179.	BY	M.TECH BIOTECHNOLOGY	BY17312	Bioprocess and Downstream processing laboratory
180.	BY	M.TECH BIOTECHNOLOGY	BY17313	Project Phase I
181.	BY	M.TECH BIOTECHNOLOGY	BY17411	Project Phase II
182.	BY	M.TECH BIOTECHNOLOGY	BY17E11	Molecular concepts in Biotechnology (For Engineering Stream)
183.	BY	M.TECH BIOTECHNOLOGY	BY17E14	Advances in Animal Biotechnology
184.	BY	M.TECH BIOTECHNOLOGY	BY17E15	Analytical Techniques in Biotechnology
185.	BY	M.TECH BIOTECHNOLOGY	BY17E17	Oncogenetics
186.	BY	M.TECH BIOTECHNOLOGY	BY17E18	Biotechnology in Food Processing
187.	BY	M.TECH BIOTECHNOLOGY	BY17E23	Advances in Molecular Pathogenesis
188.	BY	M.TECH BIOTECHNOLOGY	BY17E27	Tissue Engineering
189.	ED	M.E. ENGINEERING DESIGN	CC7201	Design for Manufacture Assembly and Environments
190.	CE	B.E. CIVIL ENGINEERING	CE17211	Computer Aided Building Drawing
191.	CE	B.E. CIVIL ENGINEERING	CE6002	Concrete Technology
192.	CE	B.E. CIVIL ENGINEERING	CE6005	Construction Planning and Scheduling
193.	CE	B.E. CIVIL ENGINEERING	CE6006	Traffic Engineering and Management
194.	CE	B.E. CIVIL ENGINEERING	CE6007	Housing Planning and Management
195.	CE	B.E. CIVIL ENGINEERING	CE6016	Prefabricated Structures
196.	CE	B.E. CIVIL ENGINEERING	CE6021	Repair and Rehabilitation of Structures
197.	CE	B.E. CIVIL ENGINEERING	CE6301	Engineering Geology
198.	CE	B.E. CIVIL ENGINEERING	CE6302	Mechanics of Solids
199.	CE	B.E. CIVIL ENGINEERING	CE6303	Mechanics of Fluids
200.	CE	B.E. CIVIL ENGINEERING	CE6304	Surveying I
201.	AT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CE6306	Strength of Materials
202.	CE	B.E. CIVIL ENGINEERING	CE6311	Survey Practical I



203.	CE	B.E. CIVIL ENGINEERING	CE6312	Computer Aided Building Drawing
204.	AE, AT, ME	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	CE6315	Strength of Materials Laboratory
205.	CE	B.E. CIVIL ENGINEERING	CE6401	Construction Materials
206.	CE	B.E. CIVIL ENGINEERING	CE6402	Strength of Materials
207.	CE	B.E. CIVIL ENGINEERING	CE6403	Applied Hydraulic Engineering
208.	CE	B.E. CIVIL ENGINEERING	CE6404	Surveying II
209.	CE	B.E. CIVIL ENGINEERING	CE6405	Soil Mechanics
210.	CE	B.E. CIVIL ENGINEERING	CE6411	Strength of Materials Laboratory
211.	CE	B.E. CIVIL ENGINEERING	CE6412	Hydraulic Engineering Laboratory
212.	CE	B.E. CIVIL ENGINEERING	CE6413	Survey Practical II
213.	AE, AT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CE6451	Fluid Mechanics and Machinery
214.	AE	B.E. AERONAUTICAL ENGINEERING	CE6452	Solid Mechanics
215.	AE, AT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CE6461	Fluid Mechanics and Machinery Laboratory
216.	CE	B.E. CIVIL ENGINEERING	CE6501	Structural Analysis I
217.	CE	B.E. CIVIL ENGINEERING	CE6502	Foundation Engineering
218.	CE	B.E. CIVIL ENGINEERING	CE6503	Environmental Engineering I
219.	CE	B.E. CIVIL ENGINEERING	CE6504	Highway Engineering
220.	CE	B.E. CIVIL ENGINEERING	CE6505	Design of Reinforced Concrete Elements
221.	CE	B.E. CIVIL ENGINEERING	CE6506	Construction Techniques, Equipment and Practice



222.	CE	B.E. CIVIL ENGINEERING	CE6511	Soil Mechanics Laboratory
223.	CE	B.E. CIVIL ENGINEERING	CE6512	Survey Camp
224.	CE	B.E. CIVIL ENGINEERING	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
225.	CE	B.E. CIVIL ENGINEERING	CE6602	Structural Analysis II
226.	CE	B.E. CIVIL ENGINEERING	CE6603	Design of Steel Structures
227.	CE	B.E. CIVIL ENGINEERING	CE6604	Railways, Airports and Harbour Engineering
228.	CE	B.E. CIVIL ENGINEERING	CE6605	Environmental Engineering II
229.	CE	B.E. CIVIL ENGINEERING	CE6611	Environmental Engineering Laboratory
230.	CE	B.E. CIVIL ENGINEERING	CE6612	Concrete and Highway Engineering Laboratory
231.	CE	B.E. CIVIL ENGINEERING	CE6701	Structural Dynamics and Earthquake Engineering
232.	CE	B.E. CIVIL ENGINEERING	CE6702	Prestressed Concrete Structures
233.	CE	B.E. CIVIL ENGINEERING	CE6703	Water Resources and Irrigation Engineering
234.	CE	B.E. CIVIL ENGINEERING	CE6711	Computer Aided Design and Drafting Laboratory
235.	CE	B.E. CIVIL ENGINEERING	CE6712	Design Project
236.	CE	B.E. CIVIL ENGINEERING	CE6713	Estimation and Quantity Surveying
237.	CE	B.E. CIVIL ENGINEERING	CE6811	Project Work
238.	CH	B.TECH CHEMICAL ENGINEERING	CH 17301	Chemical Process Calculations
239.	CH	B.TECH CHEMICAL ENGINEERING	CH17151	Engineering Chemistry
240.	CH	B.TECH CHEMICAL ENGINEERING	CH17201	Principles of Chemical Engineering
241.	CH	B.TECH CHEMICAL ENGINEERING	CH17302	Fluid Mechanics for Chemical Engineers
242.	CH	B.TECH CHEMICAL ENGINEERING	CH17303	Solid Mechanics for Technologists
243.	CH	B.TECH CHEMICAL ENGINEERING	CH17401	Chemical Engineering Thermodynamics I
244.	CH	B.TECH CHEMICAL ENGINEERING	CH17402	Heat Transfer
245.	CH	B.TECH CHEMICAL ENGINEERING	CH17403	Mechanical Operations
246.	CH	B.TECH CHEMICAL	CH17411	Fluid Mechanics Laboratory



		ENGINEERING		
247.	CH	B.TECH CHEMICAL ENGINEERING	CH17501	Chemical Process Industries
248.	CH	B.TECH CHEMICAL ENGINEERING	CH17502	Chemical Engineering Thermodynamics II
249.	CH	B.TECH CHEMICAL ENGINEERING	CH17503	Mass Transfer I
250.	CH	B.TECH CHEMICAL ENGINEERING	CH17504	Chemical Reaction Engineering I
251.	CH	B.TECH CHEMICAL ENGINEERING	CH17511	Mechanical Operations Laboratory
252.	CH	B.TECH CHEMICAL ENGINEERING	CH17512	Heat Transfer Laboratory
253.	CH	B.TECH CHEMICAL ENGINEERING	CH17601	Chemical Reaction Engineering II
254.	CH	B.TECH CHEMICAL ENGINEERING	CH17602	Mass Transfer II
255.	CH	B.TECH CHEMICAL ENGINEERING	CH17603	Process Instrumentation Dynamics and Control
256.	CH	B.TECH CHEMICAL ENGINEERING	CH17604	Process Engineering Economics
257.	CH	B.TECH CHEMICAL ENGINEERING	CH17611	Computational Programming Laboratory for Chemical Engineers
258.	CH	B.TECH CHEMICAL ENGINEERING	CH17612	Chemical Reaction Engineering Laboratory
259.	CH	B.TECH CHEMICAL ENGINEERING	CH17701	Transport Phenomena
260.	CH	B.TECH CHEMICAL ENGINEERING	CH17702	Process Equipment Design
261.	CH	B.TECH CHEMICAL ENGINEERING	CH17703	Optimization of Chemical Processes
262.	CH	B.TECH CHEMICAL ENGINEERING	CH17704	Comprehensive Chemical Engineering
263.	CH	B.TECH CHEMICAL ENGINEERING	CH17711	Process Control Laboratory
264.	CH	B.TECH CHEMICAL ENGINEERING	CH17712	Mass Transfer Laboratory
265.	CH	B.TECH CHEMICAL ENGINEERING	CH17713	Mini Project
266.	CH	B.TECH CHEMICAL ENGINEERING	CH17811	Project Work



267.	CH	B.TECH CHEMICAL ENGINEERING	CH17E12	Fluidization Engineering
268.	CH	B.TECH CHEMICAL ENGINEERING	CH17E13	Food Technology
269.	CH	B.TECH CHEMICAL ENGINEERING	CH17E14	Instrumental Methods of Chemical Analysis
270.	CH	B.TECH CHEMICAL ENGINEERING	CH17E15	Computer Applications in Chemical Engineering
271.	CH	B.TECH CHEMICAL ENGINEERING	CH17E21	Air Pollution and Control
272.	CH	B.TECH CHEMICAL ENGINEERING	CH17E22	Frontiers of Chemical Engineering
273.	CH	B.TECH CHEMICAL ENGINEERING	CH17E23	Industrial Process Plant Safety
274.	CH	B.TECH CHEMICAL ENGINEERING	CH17E31	Electrochemical Engineering
275.	CH	B.TECH CHEMICAL ENGINEERING	CH17E33	Waste water treatment
276.	CH	B.TECH CHEMICAL ENGINEERING	CH17E34	Modern Separation Techniques
277.	CH	B.TECH CHEMICAL ENGINEERING	CH17E35	Petroleum Technology
278.	CH	B.TECH CHEMICAL ENGINEERING	CH17E42	Process Modeling and Simulation
279.	CH	B.TECH CHEMICAL ENGINEERING	CH17E43	Process Plant Utilities
280.	CH	B.TECH CHEMICAL ENGINEERING	CH17E44	Biochemical Engineering
281.	CH	B.TECH CHEMICAL ENGINEERING	CH17E52	Petroleum Refining and Petrochemicals
282.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17101	Design and Management of Computer Networks
283.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17102	Advanced Data Structures and Algorithms
284.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17103	Multicore Architectures
285.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17104	Advanced Operating Systems
286.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17111	Advanced Data Structures Lab
287.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17201	Cloud Computing Technologies



288.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17202	Advanced Databases
289.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17203	Machine Learning Techniques
290.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17204	Big Data Analytics
291.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17211	Cloud Computing Lab
292.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17212	Term paper writing and seminar
293.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E24	Software Quality Assurance and Testing
294.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP17E27	Software Requirements Engineering
295.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7014	Software Architectures
296.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7017	Data Visualization Techniques
297.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7019	Managing Big Data
298.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7026	Software Quality Assurance
299.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7029	Information Storage Management
300.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7301	Software Process and Project Management
301.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7311	Project Work (Phase I)
302.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	CP7411	Project Work (Phase II)
303.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17201	Data Structures
304.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17202	Digital System Design
305.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS17211	Data Structures Laboratory
306.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS17212	Digital System Design Laboratory



307.	IT	B.TECH INFORMATION TECHNOLOGY	CS6001	C# and .Net Programming
308.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6004	Cyber Forensics
309.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6008	Human Computer Interaction
310.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6301	Programming and Data Structure II
311.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6302	Database Management Systems
312.	CS, EC, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6303	Computer Architecture
313.	BM, CS, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6304	Analog and Digital Communication
314.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6311	Programming and Data Structure Laboratory II
315.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6312	Database Management Systems Laboratory
316.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6401	Operating Systems
317.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6402	Design and Analysis of Algorithms
318.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING,	CS6403	Software Engineering



		B.TECH INFORMATION TECHNOLOGY		
319.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6411	Networks Laboratory
320.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6412	Microprocessor and Microcontroller Laboratory
321.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6413	Operating Systems Laboratory
322.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	CS6456	Object Oriented Programming
323.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	CS6461	Object Oriented Programming Laboratory
324.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6501	Internet Programming
325.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6502	Object Oriented Analysis and Design
326.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6503	Theory of Computation
327.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6504	Computer Graphics
328.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6511	Case Tools Laboratory
329.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6512	Internet Programming Laboratory
330.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6513	Computer Graphics Laboratory
331.	CS, EC, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6551	Computer Networks
332.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6601	Distributed Systems
333.	CS	B.E. COMPUTER SCIENCE &	CS6611	Mobile Application



		ENGINEERING		Development Laboratory
334.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6612	Compiler Laboratory
335.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6659	Artificial Intelligence
336.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6660	Compiler Design
337.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6701	Cryptography and Network Security
338.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6702	Graph Theory and Applications
339.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	CS6703	Grid and Cloud Computing
340.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6704	Resource Management Techniques
341.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6711	Security Laboratory
342.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6712	Grid and Cloud Computing Laboratory
343.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6801	Multi – Core Architectures and Programming
344.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	CS6811	Project Work
345.	CU	M.E. COMMUNICATION SYSTEMS,	CU17101	Advanced Radiation Systems
346.	CU	M.E. COMMUNICATION SYSTEMS,	CU17102	Optical Networks
347.	CU	M.E. COMMUNICATION SYSTEMS,	CU17103	Advanced Digital Communication Techniques
348.	CU	M.E. COMMUNICATION SYSTEMS,	CU17104	Advanced Digital Signal Processing
349.	CU	M.E. COMMUNICATION SYSTEMS,	CU17111	Communication Systems Laboratory
350.	CU	M.E. COMMUNICATION SYSTEMS,	CU17201	Wireless Communication Networks



351.	CU	M.E. COMMUNICATION SYSTEMS,	CU17202	MIC and RF System Design
352.	CU	M.E. COMMUNICATION SYSTEMS,	CU17203	Communication System Modeling and Simulation
353.	CU	M.E. COMMUNICATION SYSTEMS,	CU17211	Innovative System Design Laboratory
354.	CU	M.E. COMMUNICATION SYSTEMS,	CU17311	Technical Paper Writing
355.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E13	MEMS and NEMS
356.	CU	M.E. COMMUNICATION SYSTEMS,	CU7007	Internetworking Multimedia
357.	CU	M.E. COMMUNICATION SYSTEMS,	CU7311	Project Work (Phase I)
358.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E23	Cognitive Radio
359.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E25	Digital Image and Video processing
360.	CU	M.E. COMMUNICATION SYSTEMS,	CU17E28	High Performance Networks
361.	CU	M.E. COMMUNICATION SYSTEMS,	CU7411	Project Work (Phase II)
362.	AT, BM, BT, CH, CE, CS, EE, EC, IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CY17151	Engineering Chemistry



363.	CH	B.TECH CHEMICAL ENGINEERING	CY17201	Chemistry for Technologists
364.	BT	B.TECH BIOTECHNOLOGY	CY17202	Bioorganic Chemistry
365.	CH	B.TECH CHEMICAL ENGINEERING	CY17211	Chemical Analysis Laboratory
366.	AE, AT, BT, CE, CS, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.TECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	CY17251	Environmental Science and Engineering
367.	CH	B.TECH CHEMICAL ENGINEERING	CY17301	Organic Chemistry
368.	CH	B.TECH CHEMICAL ENGINEERING	CY17401	Physical Chemistry
369.	CH	B.TECH CHEMICAL ENGINEERING	CY17412	Organic Chemistry Laboratory
370.	BM	B.E. BIOMEDICAL ENGINEERING	EC17201	Electron Devices
371.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC17211	Circuits and Devices Laboratory
372.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6001	Medical Electronics
373.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6004	Satellite Communication
374.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6007	Speech Processing
375.	EC	B.E. ELECTRONICS & COMMUNICATION	EC6014	Cognitive Radio



		ENGINEERING		
376.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EC6202	Electronic Devices and Circuits
377.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6301	Object Oriented Programming and Data Structures
378.	EC, MT	B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHATRONICS	EC6302	Digital Electronics
379.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6303	Signals and Systems
380.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6304	Electronic Circuits- I
381.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6311	Analog and Digital Circuits Laboratory
382.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6312	OOPS and Data Structures Laboratory
383.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EC6361	Electronics Laboratory
384.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6401	Electronic Circuits II
385.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6402	Communication Theory
386.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6403	Electromagnetic Fields
387.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6404	Linear Integrated Circuits



388.	EC, MT	B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHATRONICS	EC6405	Control System Engineering
389.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6411	Circuit and Simulation Integrated Laboratory
390.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6412	Linear Integrated Circuit Laboratory
391.	AT	B.E. AUTOMOBILE ENGINEERING	EC6464	Electronics and Microprocessors
392.	AT	B.E. AUTOMOBILE ENGINEERING	EC6466	Electronics and Microprocessors Laboratory
393.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6501	Digital Communication
394.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6502	Principles of Digital Signal Processing
395.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6503	Transmission Lines and Wave Guides
396.	BM, CS, EC, IT	B.E. BIOMEDICAL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY	EC6504	Microprocessor and Microcontroller
397.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6511	Digital Signal Processing Laboratory
398.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6512	Communication System Laboratory
399.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6513	Microprocessor and Microcontroller Laboratory



400.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6601	VLSI Design
401.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6611	Computer Networks Laboratory
402.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6612	VLSI Design Laboratory
403.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EC6651	Communication Engineering
404.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6703	Embedded and Real Time Systems
405.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6711	Embedded Laboratory
406.	EC, IT	B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY	EC6801	Wireless Communication
407.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EC6811	Project Work
408.	ED	M.E. ENGINEERING DESIGN	ED17101	Mechanical Behavior of Materials
409.	ED	M.E. ENGINEERING DESIGN	ED17102	Computer Applications in Design
410.	ED	M.E. ENGINEERING DESIGN	ED17103	Quality Concepts in Design
411.	ED	M.E. ENGINEERING DESIGN	ED17104	Advanced Finite Element Analysis
412.	ED	M.E. ENGINEERING DESIGN	ED17111	CAD Laboratory
413.	ED	M.E. ENGINEERING DESIGN	ED17112	Advanced Analysis and Simulation Laboratory
414.	ED	M.E. ENGINEERING DESIGN	ED17201	Research Methodology
415.	ED	M.E. ENGINEERING DESIGN	ED17202	Engineering Fracture Mechanics
416.	ED	M.E. ENGINEERING DESIGN	ED17203	Integrated Mechanical Design
417.	ED	M.E. ENGINEERING DESIGN	ED17204	Vibration Analysis and Control
418.	ED	M.E. ENGINEERING DESIGN	ED17211	Vibrations Lab
419.	ED	M.E. ENGINEERING DESIGN	ED17212	Design Project



420.	ED	M.E. ENGINEERING DESIGN	ED17E12	Design of Pressure Vessel and Piping (Elective I)
421.	ED	M.E. ENGINEERING DESIGN	ED17E25	Surface Engineering
422.	ED	M.E. ENGINEERING DESIGN	ED17E26	Advanced Mechanics of Materials
423.	ED	M.E. ENGINEERING DESIGN	ED7002	Engineering Fracture Mechanics (Elective - IV)
424.	ED	M.E. ENGINEERING DESIGN	ED7004	Design of Hydraulic and Pneumatic Systems (Elective - V)
425.	ED	M.E. ENGINEERING DESIGN	ED7311	Project Work (Phase I)
426.	ED	M.E. ENGINEERING DESIGN	ED7411	Project Work(Phase II)
427.	BM	B.E. BIOMEDICAL ENGINEERING	EE17202	Electric Circuit Theory
428.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE17211	Electric Circuits Laboratory
429.	CE	B.E. CIVIL ENGINEERING	EE17251	Basic Electrical and Electronics Engineering
430.	AE, AT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	EE17252	Basic Electrical, Electronics and Instrumentation Engineering
431.	CH	B.TECH CHEMICAL ENGINEERING	EE17301	Principles of Electrical and Electronics Engineering
432.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6002	Power System Transients
433.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6004	Flexible AC Transmission Systems
434.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6005	Power Quality
435.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6009	Power Electronics for Renewable Energy Systems
436.	EE	B.E.ELECTRICAL & ELECTRONICS	EE6301	Digital Logic Circuits



		ENGINEERING		
437.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6302	Electromagnetic Theory
438.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6303	Linear Integrated Circuits and Applications
439.	EE, ME	B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHANICAL ENGINEERING	EE6311	Linear and Digital Integrated Circuits Laboratory
440.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EE6352	Electrical Engineering and Instrumentation
441.	MT	B.E. MECHATRONICS	EE6358	Electrical Machines and Drives
442.	MT	B.E. MECHATRONICS	EE6362	Electrical Machines and Drives Laboratory
443.	ME	B.E. MECHANICAL ENGINEERING	EE6365	Electrical Engineering Laboratory
444.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6401	Electrical Machines - I
445.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6402	Transmission and Distribution
446.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6403	Discrete Time Systems and Signal Processing
447.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6404	Measurements and Instrumentation
448.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6411	Electrical Machines Laboratory - I
449.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	EE6461	Electrical Engineering and Control System Laboratory
450.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6501	Power System Analysis
451.	EE	B.E.ELECTRICAL &	EE6502	Microprocessors and



		ELECTRONICS ENGINEERING		Microcontrollers
452.	EE, MT	B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHATRONICS	EE6503	Power Electronics
453.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6504	Electrical Machines - II
454.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6511	Control and Instrumentation Laboratory
455.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6512	Electrical Machines Laboratory - II
456.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6601	Solid State Drives
457.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6602	Embedded Systems
458.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6603	Power System Operation and Control
459.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6604	Design of Electrical Machines
460.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6611	Power Electronics and Drives Laboratory
461.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6612	Microprocessors and Microcontrollers Laboratory
462.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6613	Presentation Skills and Technical Seminar
463.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6701	High Voltage Engineering
464.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6702	Protection and Switchgear
465.	EE	B.E.ELECTRICAL &	EE6703	Special Electrical Machines



		ELECTRONICS ENGINEERING		
466.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6711	Power System Simulation Laboratory
467.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6712	Comprehension
468.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6801	Electric Energy Generation, Utilization and Conservation
469.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EE6811	Project Work
470.	EE	B.E.ELECTRICAL & ELECTRONICS ENGINEERING	EI6703	Fibre Optics and Laser Instruments
471.	CE	B.E. CIVIL ENGINEERING	EN6501	Municipal Solid Waste Management
472.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17101	Real Time Systems
473.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17102	Advanced Digital System Design
474.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17103	Microcontroller Based System Design
475.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17104	Design of Embedded Systems
476.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17111	Embedded System Laboratory I
477.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17201	VLSI Architecture and Design Methodologies
478.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17202	Embedded Networking
479.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17203	Wireless and Mobile Communication
480.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17204	Software for Embedded Systems
481.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17211	Embedded System Laboratory II
482.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E11	Digital Instrumentation
483.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET17E22	Programming with VHDL



484.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET7008	Advanced Embedded Systems
485.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET7010	Cryptography and Network Security
486.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET7012	Computer in Networking and Digital Control
487.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET7311	Project Work (Phase I)
488.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	ET7411	Project Work (Phase II)
489.	AE, AT, BM, BT, CH, CE, CS, EE, EC, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17151	Problem Solving and Python Programming



490.	AE, AT, BM, BT, CE, CS, EE, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17152	Engineering Graphics
491.	AE, AT, BM, BT, CH, CE, CS, EE, EC, IT, ME, MT	B.E. AERONAUTICAL ENGINEERINGB.E. AUTOMOBILE ENGINEERINGB.E. BIOMEDICAL ENGINEERINGB.TECH BIOTECHNOLOGYB.TECH CHEMICAL ENGINEERINGB.E. CIVIL ENGINEERINGB.E. COMPUTER SCIENCE & ENGINEERINGB.E.ELECTRIC AL & ELECTRONICS ENGINEERINGB.E. ELECTRONICS & COMMUNICATION ENGINEERINGB.TECH INFORMATION TECHNOLOGYB.E. MECHANICAL ENGINEERINGB.E. MECHATRONICS	GE17161	Problem Solving and Python Programming Lab
492.	AE, AT, BM, BT, CH, CE, CS, EE, EC,	B.E. AERONAUTICAL ENGINEERINGB.E. AUTOMOBILE	GE17162	Physics and Chemistry Laboratory



	IT, ME, MT	ENGINEERINGB.E. BIOMEDICAL ENGINEERINGB.TECH BIOTECHNOLOGYB.TECH CHEMICAL ENGINEERINGB.E. CIVIL ENGINEERINGB.E. COMPUTER SCIENCE & ENGINEERINGB.E.ELECTRIC AL & ELECTRONICS ENGINEERINGB.E. ELECTRONICS & COMMUNICATION ENGINEERINGB.TECH INFORMATION TECHNOLOGYB.E. MECHANICAL ENGINEERINGB.E. MECHATRONICS		
493.	AE	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17251	Engineering Mechanics
494.	AE, AT, BM, BT, CE,CS, EE, EC, IT, ME.MT	B.E. AERONAUTICAL ENGINEERINGB.E. AUTOMOBILE ENGINEERINGB.E. BIOMEDICAL ENGINEERINGB.TECH BIOTECHNOLOGYB.E. CIVIL ENGINEERINGB.E. COMPUTER SCIENCE & ENGINEERINGB.E.ELECTRIC AL & ELECTRONICS ENGINEERINGB.E. ELECTRONICS & COMMUNICATION ENGINEERINGB.TECH INFORMATION	GE17261	Engineering Practice Laboratory



		TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS		
495.	AE, AT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE17262	Basic Electrical, Electronics and Instrumentation Engineering Laboratory
496.	BT	B.TECH BIOTECHNOLOGY	GE17451	Total Quality Management
497.	CH	B.TECH CHEMICAL ENGINEERING	GE17E25	Human values and Professional Ethics
498.	EE, EC, IT, ME	B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING	GE6075	Professional Ethics in Engineering
499.	EC	B.E. ELECTRONICS & COMMUNICATION ENGINEERING	GE6082	Indian Constitution and Society
500.	AE	B.E. AERONAUTICAL ENGINEERING	GE6083	Disaster Management
501.	AE	B.E. AERONAUTICAL ENGINEERING	GE6084	Human Rights



502.	AE, AT, CE, CS, EE, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	GE6351	Environmental Science and Engineering
503.	AT	B.E. AUTOMOBILE ENGINEERING	GE6563	Communication Skills - Laboratory Based
504.	AE	B.E. AERONAUTICAL ENGINEERING	GE6674	Communication and Soft Skills- Laboratory
505.	AE, BM, CE,CS,EE, EC, IT, ME	B.E. AERONAUTICAL ENGINEERING B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.E. MECHANICAL ENGINEERING	GE6757	Total Quality Management



506.	AE, AT, BM, BT, CH, CE, CS, EE, EC, IT, ME, MT	B.E. AERONAUTICAL ENGINEERING B.E. AUTOMOBILE ENGINEERING B.E. BIOMEDICAL ENGINEERING B.TECH BIOTECHNOLOGY B.TECH CHEMICAL ENGINEERING B.E. CIVIL ENGINEERING B.E. COMPUTER SCIENCE & ENGINEERING B.E.ELECTRICAL & ELECTRONICS ENGINEERING B.E. ELECTRONICS & COMMUNICATION ENGINEERING B.TECH INFORMATION TECHNOLOGY B.E. MECHANICAL ENGINEERING B.E. MECHATRONICS	HS17151	Communicative English
507.	AT, AE, BM, BT, CH, CE, CS, EC, EE,IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. AERONAUTICAL ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.TECH INFORMATION TECHNOLOGY,	HS17251	Technical English



		B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS		
508.	AT, AE, BM, BT, CH, CE, CS, EC, EE, IT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. AERONAUTICAL ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.TECH INFORMATION TECHNOLOGY, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	HS17252	Professional English
509.	BT	B.TECH BIOTECHNOLOGY	HS17361	Interpersonal Skills-Listening & Speaking
510.	BT	B.TECH BIOTECHNOLOGY	HS17461	Advanced Reading and writing
511.	EE	B.E. ELECTRICAL & ELECTRONICS	IC6501	Control Systems



		ENGINEERING		
512.	ME	B.E. MECHANICAL ENGINEERING	IE6605	Production Planning and Control
513.	IT	B.TECH INFORMATION TECHNOLOGY	IT17201	Information Technology Essentials
514.	IT	B.TECH INFORMATION TECHNOLOGY	IT17202	Digital Principles and System Design
515.	IT	B.TECH INFORMATION TECHNOLOGY	IT17211	Digital Lab
516.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	IT6005	Digital Image Processing
517.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING,	IT6006	Data Analytics
518.	IT	B.TECH INFORMATION TECHNOLOGY	IT6311	Programming and Data Structures Laboratory II
519.	IT	B.TECH INFORMATION TECHNOLOGY	IT6312	Database Management Systems Laboratory
520.	IT	B.TECH INFORMATION TECHNOLOGY	IT6313	Digital Communication Laboratory
521.	IT	B.TECH INFORMATION TECHNOLOGY	IT6411	Microprocessor and Microcontroller Laboratory
522.	IT	B.TECH INFORMATION TECHNOLOGY	IT6412	Operating Systems Laboratory
523.	IT	B.TECH INFORMATION TECHNOLOGY	IT6413	Software Engineering Laboratory
524.	IT	B.TECH INFORMATION TECHNOLOGY	IT6501	Graphics and Multimedia
525.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	IT6502	Digital Signal Processing
526.	IT	B.TECH INFORMATION TECHNOLOGY	IT6503	Web Programming
527.	IT	B.TECH INFORMATION TECHNOLOGY	IT6511	Networks Laboratory
528.	IT	B.TECH INFORMATION TECHNOLOGY	IT6512	Web Programming Laboratory
529.	IT	B.TECH INFORMATION TECHNOLOGY	IT6513	Case Tools Laboratory
530.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING,	IT6601	Mobile Computing



		B.TECH INFORMATION TECHNOLOGY		
531.	IT	B.TECH INFORMATION TECHNOLOGY	IT6602	Software Architectures
532.	IT	B.TECH INFORMATION TECHNOLOGY	IT6611	Mobile Application Development Laboratory
533.	IT	B.TECH INFORMATION TECHNOLOGY	IT6612	Compiler Laboratory
534.	IT	B.TECH INFORMATION TECHNOLOGY	IT6701	Information Management
535.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	IT6702	Data Warehousing and Data Mining
536.	IT	B.TECH INFORMATION TECHNOLOGY	IT6711	Data Mining Laboratory
537.	IT	B.TECH INFORMATION TECHNOLOGY	IT6712	Security Laboratory
538.	IT	B.TECH INFORMATION TECHNOLOGY	IT6713	Grid and Cloud Computing Laboratory
539.	IT	B.TECH INFORMATION TECHNOLOGY	IT6801	Service Oriented Architecture
540.	IT	B.TECH INFORMATION TECHNOLOGY	IT6811	Project Work
541.	AE, AT, BM, BT, CH, CE, CS, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL	MA17151	Engineering Mathematics – I



		ENGINEERING, B.E. MECHATRONICS		
542.	MX	M.E. MEDICAL ELECTRONICS	MA17171	Applied Mathematics for Electronics Engineers
543.	BY	M.TECH BIOTECHNOLOGY	MA17172	Applied Statistics for Biotechnologists
544.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	MA17173	Applied Probability and Statistics
545.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	MA17174	Applied Mathematics for Electrical Engineers
546.	ED	M.E. ENGINEERING DESIGN	MA17176	Advanced Numerical Methods
547.	AE, AT, BM, BT, CH, CE, CS, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING,	MA17251	Engineering Mathematics – II



		B.E. MECHATRONICS		
548.	BT	B.TECH BIOTECHNOLOGY	MA17351	Transforms and Partial Differential Equations
549.	BT, CH	B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING	MA17353	Probability and Statistics
550.	CH	B.TECH CHEMICAL ENGINEERING	MA17451	Numerical Methods
551.	AE, AT, BM, CE, CS, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS,	MA6351	Transforms and Partial Differential Equations
552.	BM, EC	B.E. BIOMEDICAL ENGINEERING, B.E. ELECTRONICS & COMMUNICATION	MA6451	Probability and Random Processes



		ENGINEERING		
553.	AT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MA6452	Statistics and Numerical Methods
554.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	MA6453	Probability and Queueing Theory
555.	AE, CE, EE	B.E. AERONAUTICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING	MA6459	Numerical Methods
556.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	MA6566	Discrete Mathematics
557.	BM	B.E. BIOMEDICAL ENGINEERING	MD6008	Fiber Optics and Lasers in Medicine
558.	BM	B.E. BIOMEDICAL ENGINEERING	MD6501	Hospital Management
559.	BM	B.E. BIOMEDICAL ENGINEERING	ME17202	Engineering Mechanics for Biomedical Engineers
560.	BT, EE	B.TECH BIOTECHNOLOGY, B.E.ELECTRICAL & ELECTRONICS ENGINEERING	ME17251	Basic Civil and Mechanical Engineering
561.	ME	B.E. MECHANICAL ENGINEERING	ME6002	Refrigeration and Air conditioning
562.	ME	B.E. MECHANICAL ENGINEERING	ME6004	Unconventional Machining Processes
563.	ME	B.E. MECHANICAL ENGINEERING	ME6005	Process Planning and Cost Estimation (Elective II)
564.	ME	B.E. MECHANICAL ENGINEERING	ME6008	Welding Technology
565.	ME	B.E. MECHANICAL ENGINEERING	ME6010	Robotics
566.	ME	B.E. MECHANICAL ENGINEERING	ME6012	Maintenance Engineering



567.	AE, ME	B.E. AERONAUTICAL ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6014	Computational Fluid Dynamics
568.	ME	B.E. MECHANICAL ENGINEERING	ME6016	Advanced I.C. Engines
569.	ME	B.E. MECHANICAL ENGINEERING	ME6018	Additive Manufacturing
570.	ME	B.E. MECHANICAL ENGINEERING	ME6021	Hydraulics and Pneumatics
571.	AT, ME	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6301	Engineering Thermodynamics
572.	ME	B.E. MECHANICAL ENGINEERING	ME6302	Manufacturing Technology - I
573.	ME	B.E. MECHANICAL ENGINEERING	ME6311	Manufacturing Technology Laboratory - I
574.	AE, AT, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. MECHATRONICS	ME6352	Manufacturing Technology
575.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME6401	Kinematics of Machinery
576.	ME	B.E. MECHANICAL ENGINEERING	ME6402	Manufacturing Technology– II
577.	AT, ME	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6403	Engineering Materials and Metallurgy
578.	ME	B.E. MECHANICAL ENGINEERING	ME6404	Thermal Engineering
579.	ME	B.E. MECHANICAL ENGINEERING	ME6411	Manufacturing Technology Laboratory–II
580.	ME	B.E. MECHANICAL ENGINEERING	ME6412	Thermal Engineering Laboratory - I
581.	AT, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHATRONICS	ME6465	Manufacturing Technology Laboratory
582.	ME	B.E. MECHANICAL ENGINEERING	ME6501	Computer Aided Design



583.	ME	B.E. MECHANICAL ENGINEERING	ME6502	Heat and Mass Transfer
584.	AT, ME, MT	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME6503	Design of Machine Elements
585.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME6504	Metrology and Measurements
586.	ME, MT	B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	ME6505	Dynamics of Machines
587.	MT	B.E. MECHATRONICS	ME6511	Dynamics Laboratory
588.	ME	B.E. MECHANICAL ENGINEERING	ME6512	Thermal Engineering Laboratory-II
589.	ME	B.E. MECHANICAL ENGINEERING	ME6513	Metrology and Measurements Laboratory
590.	ME	B.E. MECHANICAL ENGINEERING	ME6601	Design of Transmission Systems
591.	ME	B.E. MECHANICAL ENGINEERING	ME6602	Automobile Engineering
592.	AT, ME	B.E. AUTOMOBILE ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6603	Finite Element Analysis
593.	ME	B.E. MECHANICAL ENGINEERING	ME6604	Gas Dynamics and Jet Propulsion
594.	ME	B.E. MECHANICAL ENGINEERING	ME6611	C.A.D. / C.A.M. Laboratory
595.	ME	B.E. MECHANICAL ENGINEERING	ME6612	Design and Fabrication Project
596.	EE, ME	B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. MECHANICAL ENGINEERING	ME6701	Power Plant Engineering
597.	ME	B.E. MECHANICAL ENGINEERING	ME6702	Mechatronics
598.	ME	B.E. MECHANICAL ENGINEERING	ME6703	Computer Integrated Manufacturing
599.	ME	B.E. MECHANICAL ENGINEERING	ME6711	Simulation and Analysis Lab



600.	ME	B.E. MECHANICAL ENGINEERING	ME6712	Mechatronics Lab
601.	ME	B.E. MECHANICAL ENGINEERING	ME6713	Comprehension
602.	ME	B.E. MECHANICAL ENGINEERING	ME6811	Project Work
603.	MT	B.E. MECHATRONICS	MF6505	CNC Machining Technology
604.	CS, IT	B.E. COMPUTER SCIENCE & ENGINEERING, B.TECH INFORMATION TECHNOLOGY	MG6088	Software Project Management
605.	AE, AT, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	MG6851	Principles of Management
606.	ME	B.E. MECHANICAL ENGINEERING	MG6863	Engineering Economics
607.	MT	B.E. MECHATRONICS	MT6001	Advanced Manufacturing Technology
608.	MT	B.E. MECHATRONICS	MT6311	Computer Aided Machine Drawing
609.	MT	B.E. MECHATRONICS	MT6401	Microprocessors and Applications
610.	MT	B.E. MECHATRONICS	MT6411	Microprocessor Laboratory
611.	MT	B.E. MECHATRONICS	MT6501	Sensors and Signal Processing
612.	MT	B.E. MECHATRONICS	MT6502	Thermodynamics Principles and Applications
613.	MT	B.E. MECHATRONICS	MT6511	Power Electronics Laboratory
614.	MT	B.E. MECHATRONICS	MT6512	Sensors and Signal Processing Laboratory
615.	MT	B.E. MECHATRONICS	MT6513	CNC Laboratory
616.	MT	B.E. MECHATRONICS	MT6601	Micro Controller and PLC
617.	MT	B.E. MECHATRONICS	MT6602	Applied Hydraulics and



				Pneumatics
618.	MT	B.E. MECHATRONICS	MT6603	Design of Mechatronics System
619.	MT	B.E. MECHATRONICS	MT6604	Object Oriented Programming in C++
620.	MT	B.E. MECHATRONICS	MT6611	Micro Controller and PLC Laboratory
621.	MT	B.E. MECHATRONICS	MT6612	Object Oriented Programming Laboratory
622.	MT	B.E. MECHATRONICS	MT6613	Applied Hydraulics and Pneumatics Laboratory
623.	MX	M.E. MEDICAL ELECTRONICS	MX17102	Human Anatomy and Physiology
624.	MX	M.E. MEDICAL ELECTRONICS	MX17103	Bio Signal Processing
625.	MX	M.E. MEDICAL ELECTRONICS	MX17104	Biomedical Instrumentation
626.	MX	M.E. MEDICAL ELECTRONICS	MX17111	Bio Medical Instrumentation and Processing Laboratory
627.	MX	M.E. MEDICAL ELECTRONICS	MX17201	Medical Image Processing
628.	MX	M.E. MEDICAL ELECTRONICS	MX17202	Medical Imaging and Radio Therapy
629.	MX	M.E. MEDICAL ELECTRONICS	MX17203	Advanced Microcontrollers
630.	MX	M.E. MEDICAL ELECTRONICS	MX17204	Biomedical Equipment
631.	MX	M.E. MEDICAL ELECTRONICS	MX17211	Advance Microcontrollers and Prototype Development Laboratory
632.	MX	M.E. MEDICAL ELECTRONICS	MX17E13	Biomaterials
633.	MX	M.E. MEDICAL ELECTRONICS	MX17E15	BioMEMS
634.	MX	M.E. MEDICAL ELECTRONICS	MX17E22	Biomechanics
635.	MX	M.E. MEDICAL ELECTRONICS	MX17E25	Advance Soft Computing
636.	MX	M.E. MEDICAL ELECTRONICS	MX301	Human Assist Devices
637.	MX	M.E. MEDICAL ELECTRONICS	MX7009	Advances in Electronics Applied to Hospital Engineering
638.	CU	M.E. COMMUNICATION	NC7201	Communication Network



		SYSTEMS,		Security
639.	AE, AT, BM, BT, CH, CE, CS, EE, EC, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. AUTOMOBILE ENGINEERING, B.E. BIOMEDICAL ENGINEERING, B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING, B.E. CIVIL ENGINEERING, B.E. COMPUTER SCIENCE & ENGINEERING, B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	PH17151	Engineering Physics
640.	AE, ME, MT	B.E. AERONAUTICAL ENGINEERING, B.E. MECHANICAL ENGINEERING, B.E. MECHATRONICS	PH17251	Material Science
641.	BM	B.E. BIOMEDICAL ENGINEERING	PH17252	Physical science for Biomedical Engineers
642.	BT, CH	B.TECH BIOTECHNOLOGY, B.TECH CHEMICAL ENGINEERING	PH17253	Physics of Materials
643.	CS	B.E. COMPUTER SCIENCE & ENGINEERING	PH17254	Physics for Information Science
644.	EE, EC	B.E.ELECTRICAL & ELECTRONICS ENGINEERING, B.E. ELECTRONICS & COMMUNICATION ENGINEERING	PH17255	Physics for Electronics Engineering
645.	CE	B.E. CIVIL ENGINEERING	PH17257	Physics for Civil Engineering
646.	AT	B.E. AUTOMOBILE ENGINEERING	PR6412	Computer Aided Machine Drawing Laboratory



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647.	ET	M.E. EMBEDDED SYSTEM & TECHNOLOGIES	PX17E25	Soft Computing Techniques
648.	CP	M.E. COMPUTER SCIENCE & ENGINEERING	SE17102	Advanced Software Engineering



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