



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Number of Courses offered programwise during the academic year 2017-18

S. No	Name of the program	Number of courses
1	B. Tech. (Civil Engineering)	96
2	B. Tech. (Electrical and Electronics Engineering)	67
3	B. Tech. (Mechanical Engineering)	65
4	B. Tech. (Electronics and Communication Engineering)	81
5	B. Tech. (Computer Science and Engineering)	69
6	M. Tech. (Petroleum Engineering)	29
7	B. Tech. (Information Technology)	30
8	M. Tech. (Thermal Engineering)	31
9	B. Tech. (Mining Engineering)	53
10	B. Tech. (Petroleum Technology)	47
11	B. Tech. (Agricultural Engineering)	61
12	M. Tech. (Power Electronics and Drives)	29
13	M. Tech. (Computer Science & Engineering)	26
14	M. Tech. (VLSI Design)	16
15	M. Tech. (Structural Engineering)	22
16	Master of Business Administration	52
17	Master of Computer Applications	50
18	Integrated Master of Business Administration	20
19	M. Tech. (Software Engineering)	19
20	M. Tech. (Embedded Systems)	22
Total		885


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SURAMPALAM - 533 437



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List of courses program-wise during the academic year 2017-18

S. No	Program-wise S. No	Program Name	Course Code	Course Name
1	1	B. Tech. (Civil Engineering)	171BS1L01	Engineering Chemistry Lab
2	2	B. Tech. (Civil Engineering)	171BS1L03	Applied Chemistry Lab
3	3	B. Tech. (Civil Engineering)	171BS1L04	Applied Physics Lab
4	4	B. Tech. (Civil Engineering)	PT41011	Environmental Pollution and Control
5	5	B. Tech. (Civil Engineering)	R1621011	Probability and Statistics
6	6	B. Tech. (Civil Engineering)	R1621012	Basic Electrical and Electronics Engineering
7	7	B. Tech. (Civil Engineering)	R1621013	Strength of Materials-I
8	8	B. Tech. (Civil Engineering)	R1621014	Building Materials and Construction
9	9	B. Tech. (Civil Engineering)	R1621015	Surveying
10	10	B. Tech. (Civil Engineering)	R1621016	Fluid Mechanics
11	11	B. Tech. (Civil Engineering)	R1621017	Survey Field Work - I
12	12	B. Tech. (Civil Engineering)	R1621018	Strength of Materials Lab
13	13	B. Tech. (Civil Engineering)	R1621019	Professional ethics and human values
14	14	B. Tech. (Civil Engineering)	R1622011	Building Planning and Drawing
15	15	B. Tech. (Civil Engineering)	R1622012	Strength of Materials - II
16	16	B. Tech. (Civil Engineering)	R1622013	Hydraulics and Hydraulic Machinery
17	17	B. Tech. (Civil Engineering)	R1622014	Concrete Technology
18	18	B. Tech. (Civil Engineering)	R1622015	Structural Analysis - I
19	19	B. Tech. (Civil Engineering)	R1622016	Transportation Engineering - I
20	20	B. Tech. (Civil Engineering)	R1622017	FM and HM Lab
21	21	B. Tech. (Civil Engineering)	R1622018	Survey Field Work - II
22	22	B. Tech. (Civil Engineering)	R1622019	Managerial Economics and Financial Analysis
23	23	B. Tech. (Civil Engineering)	R1631011	Management Science
24	24	B. Tech. (Civil Engineering)	R1631012	Engineering Geology

S. No	Program-wise S. No	Program Name	Course Code	Course Name
25	25	B. Tech. (Civil Engineering)	R1631013	Structural Analysis -II
26	26	B. Tech. (Civil Engineering)	R1631014	Design and Drawing of Reinforced Concrete Structures
27	27	B. Tech. (Civil Engineering)	R1631015	Transportation Engineering - II
28	28	B. Tech. (Civil Engineering)	R1631016	Concrete Technology Lab
29	29	B. Tech. (Civil Engineering)	R1631017	Geology Lab
30	30	B. Tech. (Civil Engineering)	R1631018	Transportation Engineering Lab
31	31	B. Tech. (Civil Engineering)	R1632011	Design and Drawing of Steel Structures
32	32	B. Tech. (Civil Engineering)	R1632012	Geotechnical Engineering - I
33	33	B. Tech. (Civil Engineering)	R1632013	Environmental Engineering -I
34	34	B. Tech. (Civil Engineering)	R1632014	Water Resource Engineering -I
35	35	B. Tech. (Civil Engineering)	R1632017	Environmental Engineering Lab
36	36	B. Tech. (Civil Engineering)	R1632018	Computer Aided Engineering Lab
37	37	B. Tech. (Civil Engineering)	R163201C	Alternative Energy Sources
38	38	B. Tech. (Civil Engineering)	R163201D	Waste water Management
39	39	B. Tech. (Civil Engineering)	RT31011	Geotechnical Engineering – I
40	40	B. Tech. (Civil Engineering)	RT31012	Structural Analysis – II
41	41	B. Tech. (Civil Engineering)	RT31013	Design and Drawing of Reinforced Concrete Structures
42	42	B. Tech. (Civil Engineering)	RT31014	Engineering Geology
43	43	B. Tech. (Civil Engineering)	RT31015	Transportation Engineering – I
44	44	B. Tech. (Civil Engineering)	RT31016	IPR and Patents
45	45	B. Tech. (Civil Engineering)	RT31017	Geotechnical Engineering Lab
46	46	B. Tech. (Civil Engineering)	RT31018	Engineering Geology Lab
47	47	B. Tech. (Civil Engineering)	RT32011	Environmental Engineering – I
48	48	B. Tech. (Civil Engineering)	RT32012	Geotechnical Engineering – II
49	49	B. Tech. (Civil Engineering)	RT32013	Design and Drawing of Steel Structures
50	50	B. Tech. (Civil Engineering)	RT32014	Water Resources Engineering–I
51	51	B. Tech. (Civil Engineering)	RT32015	Transportation Engineering – II
52	52	B. Tech. (Civil Engineering)	RT32016A	Disaster Management
53	53	B. Tech. (Civil Engineering)	RT32016B	Architecture and Town Planning

S. No	Program-wise S. No	Program Name	Course Code	Course Name
54	54	B. Tech. (Civil Engineering)	RT32016C	Industrial Water and Waste Water Management
55	55	B. Tech. (Civil Engineering)	RT32016D	Finite Element Method
56	56	B. Tech. (Civil Engineering)	RT32016E	Green Technologies
57	57	B. Tech. (Civil Engineering)	RT32017	Computer Aided Engineering Drawing
58	58	B. Tech. (Civil Engineering)	RT32018	Transportation Engineering Lab
59	59	B. Tech. (Civil Engineering)	RT41011	Environmental Engineering – II
60	60	B. Tech. (Civil Engineering)	RT41012	Prestressed Concrete
61	61	B. Tech. (Civil Engineering)	RT41013	Construction Technology and Management
62	62	B. Tech. (Civil Engineering)	RT41014	Water Resources Engineering–II
63	63	B. Tech. (Civil Engineering)	RT41015	Remote Sensing and GIS Applications
64	64	B. Tech. (Civil Engineering)	RT41016	Ground Improvement Techniques
65	65	B. Tech. (Civil Engineering)	RT41016A	Energy management
66	66	B. Tech. (Civil Engineering)	RT41016B	Fundamentals Of Petroleum Industry
67	67	B. Tech. (Civil Engineering)	RT41016C	Offshore engineering
68	68	B. Tech. (Civil Engineering)	RT41016D	pipeline engineering
69	69	B. Tech. (Civil Engineering)	RT41016F	Green fuel technologies
70	70	B. Tech. (Civil Engineering)	RT41017	Air Pollution and Control
71	71	B. Tech. (Civil Engineering)	RT41018	Matrix methods of Structural Analysis
72	72	B. Tech. (Civil Engineering)	RT41019	Urban Hydrology
73	73	B. Tech. (Civil Engineering)	RT4101A	Advanced Surveying
74	74	B. Tech. (Civil Engineering)	RT4101B	Interior Designs and Decorations
75	75	B. Tech. (Civil Engineering)	RT4101L	Environmental Engineering Lab
76	76	B. Tech. (Civil Engineering)	RT4101M	GIS and CAD Lab
77	77	B. Tech. (Civil Engineering)	RT42011	Estimating, Specifications and Contracts
78	78	B. Tech. (Civil Engineering)	RT42012A	Engineering with Geo-synthetics
79	79	B. Tech. (Civil Engineering)	RT42012B	Environmental Impact Assessment and Management
80	80	B. Tech. (Civil Engineering)	RT42012C	Advanced Structural Engineering
81	81	B. Tech. (Civil Engineering)	RT42012D	Ground Water Development and Management
82	82	B. Tech. (Civil Engineering)	RT42012E	Traffic Engineering

S. No	Program-wise S. No	Program Name	Course Code	Course Name
83	83	B. Tech. (Civil Engineering)	RT42012F	Infrastructure Management
84	84	B. Tech. (Civil Engineering)	RT42013A	Advanced foundation Engineering
85	85	B. Tech. (Civil Engineering)	RT42013B	Solid waste Management
86	86	B. Tech. (Civil Engineering)	RT42013C	Earthquake Resistant Design
87	87	B. Tech. (Civil Engineering)	RT42013D	Water Shed Management
88	88	B. Tech. (Civil Engineering)	RT42013E	Pavement Analysis and Design
89	89	B. Tech. (Civil Engineering)	RT42013F	Green Buildings
90	90	B. Tech. (Civil Engineering)	RT42014A	Soil Dynamics and Machine Foundations
91	91	B. Tech. (Civil Engineering)	RT42014B	Environmental and Industrial Hygiene
92	92	B. Tech. (Civil Engineering)	RT42014C	Repair and Rehabilitation of Structures
93	93	B. Tech. (Civil Engineering)	RT42014D	Water Resources System Planning and Management
94	94	B. Tech. (Civil Engineering)	RT42014E	Urban Transportation Planning Safety Engineering
95	95	B. Tech. (Civil Engineering)	RT42014G	Bridge Engineering
96	96	B. Tech. (Civil Engineering)	RT42015	Project Work
97	1	B. Tech. (Electrical and Electronics Engineering)	171BS1T01	Mathematics - I
98	2	B. Tech. (Electrical and Electronics Engineering)	171BS1T02	Mathematics – II
99	3	B. Tech. (Electrical and Electronics Engineering)	171BS1T03	Engineering Chemistry
100	4	B. Tech. (Electrical and Electronics Engineering)	171BS1T04	Applied Physics
101	5	B. Tech. (Electrical and Electronics Engineering)	171BS1T05	Applied Chemistry
102	6	B. Tech. (Electrical and Electronics Engineering)	171BS2L02	Engineering Physics Lab
103	7	B. Tech. (Electrical and Electronics Engineering)	171BS2T02	Mathematics - II
104	8	B. Tech. (Electrical and Electronics Engineering)	171BS2T06	Mathematics - III
105	9	B. Tech. (Electrical and Electronics Engineering)	171EE2T01	Electrical Circuit Analysis - I
106	10	B. Tech. (Electrical and Electronics Engineering)	171HS1L01	English Communication Skills Lab - I
107	11	B. Tech. (Electrical and Electronics Engineering)	R1621021	Electrical Circuit Analysis - II
108	12	B. Tech. (Electrical and Electronics Engineering)	R1621022	Electrical Machines-I
109	13	B. Tech. (Electrical and Electronics Engineering)	R1621023	Basic Electronics and Devices
110	14	B. Tech. (Electrical and Electronics Engineering)	R1621024	Electro Magnetic Fields
111	15	B. Tech. (Electrical and Electronics Engineering)	R1621025	Thermal and Hydro Prime Movers

S. No	Program-wise S. No	Program Name	Course Code	Course Name
112	16	B. Tech. (Electrical and Electronics Engineering)	R1621026	Managerial Economics and Financial Analysis
113	17	B. Tech. (Electrical and Electronics Engineering)	R1621027	Thermal and Hydro Laboratory
114	18	B. Tech. (Electrical and Electronics Engineering)	R1621028	Electrical Circuits Laboratory
115	19	B. Tech. (Electrical and Electronics Engineering)	R1622021	Electrical Measurements
116	20	B. Tech. (Electrical and Electronics Engineering)	R1622022	Electrical Machines-II
117	21	B. Tech. (Electrical and Electronics Engineering)	R1622023	Switching Theory and Logic Design
118	22	B. Tech. (Electrical and Electronics Engineering)	R1622024	Control Systems
119	23	B. Tech. (Electrical and Electronics Engineering)	R1622025	Power Systems-I
120	24	B. Tech. (Electrical and Electronics Engineering)	R1622026	Management Science
121	25	B. Tech. (Electrical and Electronics Engineering)	R1622027	Electrical Machines -I Laboratory
122	26	B. Tech. (Electrical and Electronics Engineering)	R1622028	Electronic Devices and Circuits Laboratory
123	27	B. Tech. (Electrical and Electronics Engineering)	RT31021	Electrical Measurements
124	28	B. Tech. (Electrical and Electronics Engineering)	RT31022	Managerial Economics and financial analysis
125	29	B. Tech. (Electrical and Electronics Engineering)	RT31023	Power Systems -II
126	30	B. Tech. (Electrical and Electronics Engineering)	RT31024	Electrical Machines - III
127	31	B. Tech. (Electrical and Electronics Engineering)	RT31025	Power Electronics
128	32	B. Tech. (Electrical and Electronics Engineering)	RT31026	Linear And Digital Ic Applications
129	33	B. Tech. (Electrical and Electronics Engineering)	RT31027	Electrical Machines-II Lab
130	34	B. Tech. (Electrical and Electronics Engineering)	RT31028	Control Systems Lab
131	35	B. Tech. (Electrical and Electronics Engineering)	RT32021	Microprocessors and Microcontrollers
132	36	B. Tech. (Electrical and Electronics Engineering)	RT32022	Switchgear and Protection
133	37	B. Tech. (Electrical and Electronics Engineering)	RT32023	Utilization of Electrical Energy
134	38	B. Tech. (Electrical and Electronics Engineering)	RT32024	Power System Analysis
135	39	B. Tech. (Electrical and Electronics Engineering)	RT32025	Management Science
136	40	B. Tech. (Electrical and Electronics Engineering)	RT32026	Power Semiconductor Drives
137	41	B. Tech. (Electrical and Electronics Engineering)	RT32027	Power Electronics Lab
138	42	B. Tech. (Electrical and Electronics Engineering)	RT32028	Electrical Measurements Lab
139	43	B. Tech. (Electrical and Electronics Engineering)	RT41021	Renewable Energy Sources and Systems
140	44	B. Tech. (Electrical and Electronics Engineering)	RT41022	HVAC and DC Transmission

S. No	Program-wise S. No	Program Name	Course Code	Course Name
141	45	B. Tech. (Electrical and Electronics Engineering)	RT41023	Power System Operation and Control
142	46	B. Tech. (Electrical and Electronics Engineering)	RT41024	Energy Audit and Conservation& Management
143	47	B. Tech. (Electrical and Electronics Engineering)	RT41025	Instrumentation
144	48	B. Tech. (Electrical and Electronics Engineering)	RT41026	Non Conventional Sources of Energy
145	49	B. Tech. (Electrical and Electronics Engineering)	RT41027	Optimization Techniques
146	50	B. Tech. (Electrical and Electronics Engineering)	RT41028	VLSI Design
147	51	B. Tech. (Electrical and Electronics Engineering)	RT41029	Electrical Distribution Systems
148	52	B. Tech. (Electrical and Electronics Engineering)	RT4102L	Microprocessors and Microcontrollers Lab
149	53	B. Tech. (Electrical and Electronics Engineering)	RT4102M	Electrical Simulation Lab
150	54	B. Tech. (Electrical and Electronics Engineering)	RT4102N	Power Systems Lab
151	55	B. Tech. (Electrical and Electronics Engineering)	RT42021	Digital Control Systems
152	56	B. Tech. (Electrical and Electronics Engineering)	RT42022A	Advanced Control Systems
153	57	B. Tech. (Electrical and Electronics Engineering)	RT42022B	Extra High Voltage Transmission
154	58	B. Tech. (Electrical and Electronics Engineering)	RT42022C	Special Electrical Machines
155	59	B. Tech. (Electrical and Electronics Engineering)	RT42023A	Electric Power Quality
156	60	B. Tech. (Electrical and Electronics Engineering)	RT42023B	Digital Signal Processing
157	61	B. Tech. (Electrical and Electronics Engineering)	RT42023C	FACTS: Flexible Alternating Current Transmission Systems
158	62	B. Tech. (Electrical and Electronics Engineering)	RT42024A	Oops Through Java
159	63	B. Tech. (Electrical and Electronics Engineering)	RT42024B	Unix and Shell Programming
160	64	B. Tech. (Electrical and Electronics Engineering)	RT42024C	AI Techniques
161	65	B. Tech. (Electrical and Electronics Engineering)	RT42024D	Power System Reforms
162	66	B. Tech. (Electrical and Electronics Engineering)	RT42024E	Systems Engineering
163	67	B. Tech. (Electrical and Electronics Engineering)	RT42025	Project
164	1	B. Tech. (Mechanical Engineering)	171BS2L03	Applied Chemistry Lab
165	2	B. Tech. (Mechanical Engineering)	171BS2T04	Applied Physics
166	3	B. Tech. (Mechanical Engineering)	171ES3L03	Strength of Materials Lab
167	4	B. Tech. (Mechanical Engineering)	171ES3T05	Basic Electrical and Electronics Engineering
168	5	B. Tech. (Mechanical Engineering)	171ES3T09	Strength of Materials - I
169	6	B. Tech. (Mechanical Engineering)	171HS1T01	English - I

S. No	Program-wise S. No	Program Name	Course Code	Course Name
170	7	B. Tech. (Mechanical Engineering)	171HS2L02	English Communication Skills Lab - II
171	8	B. Tech. (Mechanical Engineering)	R1621031	Metallurgy and Materials Science
172	9	B. Tech. (Mechanical Engineering)	R1621032	Mechanics of Solids
173	10	B. Tech. (Mechanical Engineering)	R1621033	Thermodynamics
174	11	B. Tech. (Mechanical Engineering)	R1621034	Fluid Mechanics and Hydraulic Machinery
175	12	B. Tech. (Mechanical Engineering)	R1621035	Computer Aided Engineering Drawing Practice
176	13	B. Tech. (Mechanical Engineering)	R1621036	Electrical and Electronics Engineering Lab
177	14	B. Tech. (Mechanical Engineering)	R1621037	Mechanics of Solids and Metallurgy Lab
178	15	B. Tech. (Mechanical Engineering)	R1622031	Kinematics of Machinery
179	16	B. Tech. (Mechanical Engineering)	R1622032	Thermal Engineering -I
180	17	B. Tech. (Mechanical Engineering)	R1622033	Production Technology
181	18	B. Tech. (Mechanical Engineering)	R1622034	Design of Machine members-I
182	19	B. Tech. (Mechanical Engineering)	R1622035	Machine Drawing
183	20	B. Tech. (Mechanical Engineering)	R1622036	Industrial Engineering and Management
184	21	B. Tech. (Mechanical Engineering)	R1622037	Fluid Mechanics and Hydraulic Machinery Lab
185	22	B. Tech. (Mechanical Engineering)	R1622038	Production Technology Lab
186	23	B. Tech. (Mechanical Engineering)	RT31031	Dynamics of Machinery
187	24	B. Tech. (Mechanical Engineering)	RT31032	Metal Cutting and Machine Tools
188	25	B. Tech. (Mechanical Engineering)	RT31033	Design of Machine members-I
189	26	B. Tech. (Mechanical Engineering)	RT31034	Instrumentation and Control systems
190	27	B. Tech. (Mechanical Engineering)	RT31035	Thermal Engineering -II
191	28	B. Tech. (Mechanical Engineering)	RT31036	Metrology
192	29	B. Tech. (Mechanical Engineering)	RT31037	Machine Tools Lab
193	30	B. Tech. (Mechanical Engineering)	RT31038	Metrology and instrumentation Lab
194	31	B. Tech. (Mechanical Engineering)	RT32031	Operations Research
195	32	B. Tech. (Mechanical Engineering)	RT32032	Interactive Computer Graphics
196	33	B. Tech. (Mechanical Engineering)	RT32033	Design of Machine members-II
197	34	B. Tech. (Mechanical Engineering)	RT32034	Robotics
198	35	B. Tech. (Mechanical Engineering)	RT32035	Heat Transfer

S. No	Program-wise S. No	Program Name	Course Code	Course Name
199	36	B. Tech. (Mechanical Engineering)	RT32036	Industrial Engineering Management
200	37	B. Tech. (Mechanical Engineering)	RT32037A	Refrigeration and Air Conditioning
201	38	B. Tech. (Mechanical Engineering)	RT32037B	Computational Fluid Dynamics
202	39	B. Tech. (Mechanical Engineering)	RT32037C	Condition Monitoring
203	40	B. Tech. (Mechanical Engineering)	RT32037D	Rapid Prototyping
204	41	B. Tech. (Mechanical Engineering)	RT32038	Heat Transfer Lab
205	42	B. Tech. (Mechanical Engineering)	RT41030	Optimization Techniques
206	43	B. Tech. (Mechanical Engineering)	RT41031	Automobile Engineering
207	44	B. Tech. (Mechanical Engineering)	RT41032	CAD/CAM
208	45	B. Tech. (Mechanical Engineering)	RT41033	finite Element Methods
209	46	B. Tech. (Mechanical Engineering)	RT41034	Unconventional Machining Process
210	47	B. Tech. (Mechanical Engineering)	RT41035	MEMS
211	48	B. Tech. (Mechanical Engineering)	RT41036	Nano Technology
212	49	B. Tech. (Mechanical Engineering)	RT41037	Material Characterization techniques
213	50	B. Tech. (Mechanical Engineering)	RT41038	Design for Manufacture
214	51	B. Tech. (Mechanical Engineering)	RT41039	Automation and Manufacturing
215	52	B. Tech. (Mechanical Engineering)	RT4103A	Industrial hydraulics and Pneumatics
216	53	B. Tech. (Mechanical Engineering)	RT4103L	Simulation Lab
217	54	B. Tech. (Mechanical Engineering)	RT4103M	Design/Fabrication project
218	55	B. Tech. (Mechanical Engineering)	RT42031	Production Planning and Control
219	56	B. Tech. (Mechanical Engineering)	RT42032	Green Engineering Systems
220	57	B. Tech. (Mechanical Engineering)	RT42033A	Experimental Stress Analysis
221	58	B. Tech. (Mechanical Engineering)	RT42033B	Mechatronics
222	59	B. Tech. (Mechanical Engineering)	RT42033C	Advanced Materials
223	60	B. Tech. (Mechanical Engineering)	RT42033D	Power Plant Engineering
224	61	B. Tech. (Mechanical Engineering)	RT42034A	Non Destructive Evaluation
225	62	B. Tech. (Mechanical Engineering)	RT42034B	Advanced Optimization techniques
226	63	B. Tech. (Mechanical Engineering)	RT42034C	Gas Dynamics and Jet Propulsion
227	64	B. Tech. (Mechanical Engineering)	RT42034D	Quality and Reliability Engineering

S. No	Program-wise S. No	Program Name	Course Code	Course Name
228	65	B. Tech. (Mechanical Engineering)	RT42035	Project Work
229	1	B. Tech. (Electronics and Communication Engineering)	163204A	Comprehensive Viva-Voce
230	2	B. Tech. (Electronics and Communication Engineering)	163204B	Seminar – I
231	3	B. Tech. (Electronics and Communication Engineering)	163204C	Project Work Part - I
232	4	B. Tech. (Electronics and Communication Engineering)	164204A	Seminar – II
233	5	B. Tech. (Electronics and Communication Engineering)	164204B	Project Work Part - II
234	6	B. Tech. (Electronics and Communication Engineering)	171BS2L04	Applied Physics Lab
235	7	B. Tech. (Electronics and Communication Engineering)	171BS2T05	Applied Chemistry
236	8	B. Tech. (Electronics and Communication Engineering)	171BS2T07	Engineering Physics
237	9	B. Tech. (Electronics and Communication Engineering)	171ES1L01	Computer Programming Lab
238	10	B. Tech. (Electronics and Communication Engineering)	171ES1T01	Computer Programming
239	11	B. Tech. (Electronics and Communication Engineering)	171ES1T02	Engineering Mechanics
240	12	B. Tech. (Electronics and Communication Engineering)	171ES1T03	Engineering Drawing
241	13	B. Tech. (Electronics and Communication Engineering)	171HS1T02	Environmental Studies
242	14	B. Tech. (Electronics and Communication Engineering)	171HS2T02	Environmental Studies
243	15	B. Tech. (Electronics and Communication Engineering)	171HS2T03	English - II
244	16	B. Tech. (Electronics and Communication Engineering)	1RT32041	Microprocessors and Microcontrollers
245	17	B. Tech. (Electronics and Communication Engineering)	1RT32042	Digital Signal Processing
246	18	B. Tech. (Electronics and Communication Engineering)	1RT32043	Digital Communications
247	19	B. Tech. (Electronics and Communication Engineering)	1RT32044	Microwave Engineering
248	20	B. Tech. (Electronics and Communication Engineering)	1RT32261	Mine Field visit(Mandatory)
249	21	B. Tech. (Electronics and Communication Engineering)	QT4104A	Artificial Neural Network and Fuzzy Logic
250	22	B. Tech. (Electronics and Communication Engineering)	QT4104B	Network Security and Cryptography
251	23	B. Tech. (Electronics and Communication Engineering)	R1621041	Electronic Devices and Circuits
252	24	B. Tech. (Electronics and Communication Engineering)	R1621042	Switching Theory and Logic Design
253	25	B. Tech. (Electronics and Communication Engineering)	R1621043	Signals and Systems
254	26	B. Tech. (Electronics and Communication Engineering)	R1621044	Network Analysis
255	27	B. Tech. (Electronics and Communication Engineering)	R1621045	Random Variables and Stochastic Process
256	28	B. Tech. (Electronics and Communication Engineering)	R1621046	Electronic Devices and Circuits Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
257	29	B. Tech. (Electronics and Communication Engineering)	R1621047	Networks and Electrical Technology Lab
258	30	B. Tech. (Electronics and Communication Engineering)	R1622041	Electronic Circuit Analysis
259	31	B. Tech. (Electronics and Communication Engineering)	R1622042	Control Systems
260	32	B. Tech. (Electronics and Communication Engineering)	R1622043	Electromagnetic Waves and Transmission Lines
261	33	B. Tech. (Electronics and Communication Engineering)	R1622044	Analog Communications
262	34	B. Tech. (Electronics and Communication Engineering)	R1622045	Pulse and Digital Circuits
263	35	B. Tech. (Electronics and Communication Engineering)	R1622046	Electronic Circuit Analysis Lab
264	36	B. Tech. (Electronics and Communication Engineering)	R1622047	Analog Communications Lab
265	37	B. Tech. (Electronics and Communication Engineering)	RT31041	Pulse and Digital Circuits
266	38	B. Tech. (Electronics and Communication Engineering)	RT31042	Linear IC Applications
267	39	B. Tech. (Electronics and Communication Engineering)	RT31043	Control Systems
268	40	B. Tech. (Electronics and Communication Engineering)	RT31044	Digital System Design and Digital IC Applications
269	41	B. Tech. (Electronics and Communication Engineering)	RT31045	Antennas and Wave Propagation
270	42	B. Tech. (Electronics and Communication Engineering)	RT31047	Pulse and Digital Circuits Lab
271	43	B. Tech. (Electronics and Communication Engineering)	RT31048	LIC Applications Lab
272	44	B. Tech. (Electronics and Communication Engineering)	RT31049	Digital System Design and DICA Lab
273	45	B. Tech. (Electronics and Communication Engineering)	RT32045A	Bio Medical Engineering
274	46	B. Tech. (Electronics and Communication Engineering)	RT32046	Microprocessors and Microcontrollers Lab
275	47	B. Tech. (Electronics and Communication Engineering)	RT32046B	Fuzzy and Neural Networks
276	48	B. Tech. (Electronics and Communication Engineering)	RT32047	Digital Communications Lab
277	49	B. Tech. (Electronics and Communication Engineering)	RT32047C	Image Processing
278	50	B. Tech. (Electronics and Communication Engineering)	RT32048	Digital Signal Processing Lab
279	51	B. Tech. (Electronics and Communication Engineering)	RT32048D	Principles of Signals, Systems and Communications
280	52	B. Tech. (Electronics and Communication Engineering)	RT32049E	Electronic Instrumentation
281	53	B. Tech. (Electronics and Communication Engineering)	RT41041	VLSI Design
282	54	B. Tech. (Electronics and Communication Engineering)	RT41042	Computer Networks
283	55	B. Tech. (Electronics and Communication Engineering)	RT41043	Digital Image Processing
284	56	B. Tech. (Electronics and Communication Engineering)	RT41044	Computer Architecture and Organization
285	57	B. Tech. (Electronics and Communication Engineering)	RT41045	Electronic Switching Systems

S. No	Program-wise S. No	Program Name	Course Code	Course Name
286	58	B. Tech. (Electronics and Communication Engineering)	RT41046	Analog IC Design
287	59	B. Tech. (Electronics and Communication Engineering)	RT41047	Object Oriented Programming and O S
288	60	B. Tech. (Electronics and Communication Engineering)	RT41048	Radar Systems
289	61	B. Tech. (Electronics and Communication Engineering)	RT41049	Advanced Computer Architecture
290	62	B. Tech. (Electronics and Communication Engineering)	RT4104A	Optical Communication
291	63	B. Tech. (Electronics and Communication Engineering)	RT4104B	Digital IC Design
292	64	B. Tech. (Electronics and Communication Engineering)	RT4104C	Speech Processing
293	65	B. Tech. (Electronics and Communication Engineering)	RT4104L	VLSI Lab
294	66	B. Tech. (Electronics and Communication Engineering)	RT4104M	Microwave Engineering Lab
295	67	B. Tech. (Electronics and Communication Engineering)	RT42041	Cellular Mobile Communication
296	68	B. Tech. (Electronics and Communication Engineering)	RT42042	Electronic Measurements and Instrumentation
297	69	B. Tech. (Electronics and Communication Engineering)	RT42043A	Satellite Communication
298	70	B. Tech. (Electronics and Communication Engineering)	RT42043B	Mixed signal Design
299	71	B. Tech. (Electronics and Communication Engineering)	RT42043C	Neural Networks and Soft Computing
300	72	B. Tech. (Electronics and Communication Engineering)	RT42043D	RF Circuit Design
301	73	B. Tech. (Electronics and Communication Engineering)	RT42043E	Cloud Computing
302	74	B. Tech. (Electronics and Communication Engineering)	RT42043F	Embedded systems
303	75	B. Tech. (Electronics and Communication Engineering)	RT42043G	Social Networks and the Semantic Web
304	76	B. Tech. (Electronics and Communication Engineering)	RT42044A	Wireless Sensors and Networks
305	77	B. Tech. (Electronics and Communication Engineering)	RT42044B	System on Chip
306	78	B. Tech. (Electronics and Communication Engineering)	RT42044C	Low Power IC Design
307	79	B. Tech. (Electronics and Communication Engineering)	RT42044D	Bio-Medical Instrumentation
308	80	B. Tech. (Electronics and Communication Engineering)	RT42044E	EMI/EMC
309	81	B. Tech. (Electronics and Communication Engineering)	RT42045	Project and Seminar
310	1	B. Tech. (Computer Science and Engineering)	171CS2T01	Data Structures through c
311	2	B. Tech. (Computer Science and Engineering)	PT42053A	Human Computer Interaction
312	3	B. Tech. (Computer Science and Engineering)	PT42053B	Advanced Operating Systems
313	4	B. Tech. (Computer Science and Engineering)	PT42053C	Mobile Adhoc and Sensor Networks
314	5	B. Tech. (Computer Science and Engineering)	PT42053D	Pattern Recognition

S. No	Program-wise S. No	Program Name	Course Code	Course Name
315	6	B. Tech. (Computer Science and Engineering)	PT42053E	Digital Image Processing
316	7	B. Tech. (Computer Science and Engineering)	PT42053F	Micro Processers and Multi Core Systems
317	8	B. Tech. (Computer Science and Engineering)	R1621051	Statistics with R Programming
318	9	B. Tech. (Computer Science and Engineering)	R1621052	Mathematical Foundations of Computer Science
319	10	B. Tech. (Computer Science and Engineering)	R1621053	Digital Logic Design
320	11	B. Tech. (Computer Science and Engineering)	R1621054	Python Programming
321	12	B. Tech. (Computer Science and Engineering)	R1621055	Data Structures through C++
322	13	B. Tech. (Computer Science and Engineering)	R1621056	Computer Graphics
323	14	B. Tech. (Computer Science and Engineering)	R1621057	Data Structures through C++Lab
324	15	B. Tech. (Computer Science and Engineering)	R1621058	Python Programming Lab
325	16	B. Tech. (Computer Science and Engineering)	R1621075	Managerial Economics and Financial Analysis
326	17	B. Tech. (Computer Science and Engineering)	R1622051	Software Engineering
327	18	B. Tech. (Computer Science and Engineering)	R1622052	Java Programming
328	19	B. Tech. (Computer Science and Engineering)	R1622053	Advanced Data Structures
329	20	B. Tech. (Computer Science and Engineering)	R1622054	Computer Organization
330	21	B. Tech. (Computer Science and Engineering)	R1622055	Formal Languages and Automata Theory
331	22	B. Tech. (Computer Science and Engineering)	R1622056	Principles of Programming Languages
332	23	B. Tech. (Computer Science and Engineering)	R1622057	Advanced Data Structures Lab
333	24	B. Tech. (Computer Science and Engineering)	R1622058	Java Programming Lab
334	25	B. Tech. (Computer Science and Engineering)	RT31051	Compiler Design
335	26	B. Tech. (Computer Science and Engineering)	RT31052	Data Communication
336	27	B. Tech. (Computer Science and Engineering)	RT31053	Principles Of Programming Languages
337	28	B. Tech. (Computer Science and Engineering)	RT31054	Data Base Management Systems
338	29	B. Tech. (Computer Science and Engineering)	RT31055	Operating Systems
339	30	B. Tech. (Computer Science and Engineering)	RT31056	Compiler Design Lab
340	31	B. Tech. (Computer Science and Engineering)	RT31057	Operating Systems and Linux Programming Lab
341	32	B. Tech. (Computer Science and Engineering)	RT31058	Database Management Systems Lab
342	33	B. Tech. (Computer Science and Engineering)	RT31059	Seminar
343	34	B. Tech. (Computer Science and Engineering)	RT32051	Software Engineering

S. No	Program-wise S. No	Program Name	Course Code	Course Name
344	35	B. Tech. (Computer Science and Engineering)	RT32052	Data Ware housing and Mining
345	36	B. Tech. (Computer Science and Engineering)	RT32053	Computer Networks
346	37	B. Tech. (Computer Science and Engineering)	RT32054	Design and Analysis of Algorithms
347	38	B. Tech. (Computer Science and Engineering)	RT32055	Web Technologies
348	39	B. Tech. (Computer Science and Engineering)	RT32056	IPR and Patents
349	40	B. Tech. (Computer Science and Engineering)	RT32057	Computer Networks And Network Programming Lab
350	41	B. Tech. (Computer Science and Engineering)	RT32058	Software Engineering Lab
351	42	B. Tech. (Computer Science and Engineering)	RT32059	Web Technologies Lab
352	43	B. Tech. (Computer Science and Engineering)	RT41051	Cryptography and Network Security
353	44	B. Tech. (Computer Science and Engineering)	RT41052	UML and Design Patterns
354	45	B. Tech. (Computer Science and Engineering)	RT41053	Mobile Computing
355	46	B. Tech. (Computer Science and Engineering)	RT41054	Software Testing Methodologies
356	47	B. Tech. (Computer Science and Engineering)	RT41055	Simulation Modeling
357	48	B. Tech. (Computer Science and Engineering)	RT41056	Information Retrieval Systems
358	49	B. Tech. (Computer Science and Engineering)	RT41057	Artificial Intelligence
359	50	B. Tech. (Computer Science and Engineering)	RT41058	Multimedia Computing
360	51	B. Tech. (Computer Science and Engineering)	RT41059	High Performance Computing
361	52	B. Tech. (Computer Science and Engineering)	RT4105A	Digital Forensics
362	53	B. Tech. (Computer Science and Engineering)	RT4105B	Hadoop and Big Data
363	54	B. Tech. (Computer Science and Engineering)	RT4105C	Software Project Management
364	55	B. Tech. (Computer Science and Engineering)	RT4105D	Machine Learning
365	56	B. Tech. (Computer Science and Engineering)	RT4105E	Advanced Databases
366	57	B. Tech. (Computer Science and Engineering)	RT4105L	UML and Design Patterns Lab
367	58	B. Tech. (Computer Science and Engineering)	RT4105M	Mobile Application Development Lab
368	59	B. Tech. (Computer Science and Engineering)	RT4105N	Software Testing Lab
369	60	B. Tech. (Computer Science and Engineering)	RT4105O	Hadoop and Bigdata Lab
370	61	B. Tech. (Computer Science and Engineering)	RT42051	Distributed Systems
371	62	B. Tech. (Computer Science and Engineering)	RT42052	Management Science
372	63	B. Tech. (Computer Science and Engineering)	RT42053A	Human Computer Interaction

S. No	Program-wise S. No	Program Name	Course Code	Course Name
373	64	B. Tech. (Computer Science and Engineering)	RT42053B	Advanced Operating Systems
374	65	B. Tech. (Computer Science and Engineering)	RT42053C	Mobile Adhoc and Sensor Networks
375	66	B. Tech. (Computer Science and Engineering)	RT42053D	Pattern Recognition
376	67	B. Tech. (Computer Science and Engineering)	RT42053E	Digital Image Processing
377	68	B. Tech. (Computer Science and Engineering)	RT42053F	Micro processors and Multi Core Systems
378	69	B. Tech. (Computer Science and Engineering)	RT42055	PROJECT
379	1	M. Tech. (Petroleum Engineering)	172PE1L01	Advanced Numerical Methods and Applied Statistics (MATLAB Based) Lab
380	2	M. Tech. (Petroleum Engineering)	172PE1T0	Non-PE Stream: Petroleum Drilling & Production Engineering
381	3	M. Tech. (Petroleum Engineering)	172PE1T01	Advanced Numerical Methods and Applied Statistics
382	4	M. Tech. (Petroleum Engineering)	172PE1T02	Transportation of Oil and Gas
383	5	M. Tech. (Petroleum Engineering)	172PE1T03	Advanced EOR Techniques for field developments
384	6	M. Tech. (Petroleum Engineering)	172PE1T04	Project Management
385	7	M. Tech. (Petroleum Engineering)	172PE1T05	PE Stream: Offshore Drilling
386	8	M. Tech. (Petroleum Engineering)	172PE1T06	Non-PE Stream: Fundamentals of Petroleum Geology and Reservoir Engineering
387	9	M. Tech. (Petroleum Engineering)	172PE1T07	Reservoir stimulation
388	10	M. Tech. (Petroleum Engineering)	172PE1T08	Non-PE Stream: Petroleum Drilling and Production Engineering
389	11	M. Tech. (Petroleum Engineering)	172PE2E01	Practical Reservoir Modeling and Simulation
390	12	M. Tech. (Petroleum Engineering)	172PE2E02	Optimization of Oil and Gas Production
391	13	M. Tech. (Petroleum Engineering)	172PE2E03	Flow Assurance
392	14	M. Tech. (Petroleum Engineering)	172PE2E04	Process Safety and Environmental Aspects in Petroleum Industry
393	15	M. Tech. (Petroleum Engineering)	172PE2E05	Deep Water Technologies
394	16	M. Tech. (Petroleum Engineering)	172PE2E06	Characterization of Petroleum Oils
395	17	M. Tech. (Petroleum Engineering)	172PE2L02	Reservoir Simulation Lab
396	18	M. Tech. (Petroleum Engineering)	172PE2T09	Advanced Natural Gas Engineering
397	19	M. Tech. (Petroleum Engineering)	172PE2T10	Artificial Lift Techniques
398	20	M. Tech. (Petroleum Engineering)	172PE2T11	Operational Aspects of Well Testing
399	21	M. Tech. (Petroleum Engineering)	172PE2T12	Integrated Reservoir Management
400	22	M. Tech. (Petroleum Engineering)	172PE4P01	Project Work
401	23	M. Tech. (Petroleum Engineering)	k0801	Summer Internship

S. No	Program-wise S. No	Program Name	Course Code	Course Name
402	24	M. Tech. (Petroleum Engineering)	I0801	Presentation of Summer Internship Report
403	25	M. Tech. (Petroleum Engineering)	I0802	Seminar on Advanced Topics in Petroleum Engineering
404	26	M. Tech. (Petroleum Engineering)	R1621081	Complex Variables
405	27	M. Tech. (Petroleum Engineering)	R1621084	Chemical Process Calculations
406	28	M. Tech. (Petroleum Engineering)	R1621085	Basic Engineering (Mech. + Elec.) Lab
407	29	M. Tech. (Petroleum Engineering)	RT31086	Process Instrumentation
408	1	B. Tech. (Information Technology)	171ES2L02	Engineering Workshop and IT Workshop
409	2	B. Tech. (Information Technology)	171ES2T02	Engineering Mechanics
410	3	B. Tech. (Information Technology)	171ES2T03	Engineering Drawing
411	4	B. Tech. (Information Technology)	171ES2T04	Basic Mechanical Engineering
412	5	B. Tech. (Information Technology)	171ES2T05	Basic Electrical and Electronics Engineering
413	6	B. Tech. (Information Technology)	171ES2T06	Electrical and Mechanical Technology
414	7	B. Tech. (Information Technology)	171ES2T07	Elements of Mechanical Engineering
415	8	B. Tech. (Information Technology)	171ES2T08	Theory of Machines
416	9	B. Tech. (Information Technology)	R1621121	Software Engineering
417	10	B. Tech. (Information Technology)	R1622121	Computer Graphics
418	11	B. Tech. (Information Technology)	R1622122	E-Commerce
419	12	B. Tech. (Information Technology)	R1622123	Object Oriented Analysis and Design using UML
420	13	B. Tech. (Information Technology)	R1622124	Unified Modeling Languages Lab
421	14	B. Tech. (Information Technology)	RT31121	Software Engineering
422	15	B. Tech. (Information Technology)	RT31123	Advanced JAVA
423	16	B. Tech. (Information Technology)	RT31126	Advanced JAVA Lab
424	17	B. Tech. (Information Technology)	RT31127	Operating System Lab
425	18	B. Tech. (Information Technology)	RT31128	Database Management Systems Lab
426	19	B. Tech. (Information Technology)	RT32121	Software Testing
427	20	B. Tech. (Information Technology)	RT32127	Computer Networks Lab
428	21	B. Tech. (Information Technology)	RT32128	Software Testing Lab
429	22	B. Tech. (Information Technology)	RT32129	Web Technologies Lab
430	23	B. Tech. (Information Technology)	RT41121	Embedded and Real Time Systems

S. No	Program-wise S. No	Program Name	Course Code	Course Name
431	24	B. Tech. (Information Technology)	RT41122	Computer Vision
432	25	B. Tech. (Information Technology)	RT4112L	UML and Design Patterns Lab
433	26	B. Tech. (Information Technology)	RT4112M	Mobile Application Development Lab
434	27	B. Tech. (Information Technology)	RT4112N	Hadoop and BigData Lab
435	28	B. Tech. (Information Technology)	RT4112O	Software Engineering Lab
436	29	B. Tech. (Information Technology)	RT42121	Mathematical Optimization
437	30	B. Tech. (Information Technology)	RT42122	Project
438	1	M. Tech. (Thermal Engineering)	172TE1E01	Gas Dynamics
439	2	M. Tech. (Thermal Engineering)	172TE1E02	Refrigeration and Cryogenics
440	3	M. Tech. (Thermal Engineering)	172TE1E03	Renewable Energy Technologies
441	4	M. Tech. (Thermal Engineering)	172TE1E04	Theory and Technologies of Fuel Cells
442	5	M. Tech. (Thermal Engineering)	172TE1E05	Advanced IC Engines
443	6	M. Tech. (Thermal Engineering)	172TE1E06	Solar Energy Technology
444	7	M. Tech. (Thermal Engineering)	172TE1E07	Turbo Machines
445	8	M. Tech. (Thermal Engineering)	172TE1E08	Alternative Fuels Technologies
446	9	M. Tech. (Thermal Engineering)	172TE1L01	Thermal Engineering Lab
447	10	M. Tech. (Thermal Engineering)	172TE1T01	Optimization Techniques and Applications
448	11	M. Tech. (Thermal Engineering)	172TE1T02	Advanced Thermodynamics
449	12	M. Tech. (Thermal Engineering)	172TE1T03	Advanced Heat and Mass Transfer
450	13	M. Tech. (Thermal Engineering)	172TE1T04	Advanced Fluid Mechanics
451	14	M. Tech. (Thermal Engineering)	172TE2E09	Materials Technology
452	15	M. Tech. (Thermal Engineering)	172TE2E10	Convective Heat Transfer
453	16	M. Tech. (Thermal Engineering)	172TE2E11	Thermal and Nuclear Power Plants
454	17	M. Tech. (Thermal Engineering)	172TE2E12	Advanced Automobile Engineering
455	18	M. Tech. (Thermal Engineering)	172TE2E13	Thermal Measurements and Process Controls
456	19	M. Tech. (Thermal Engineering)	172TE2E14	Cryogenic Engineering
457	20	M. Tech. (Thermal Engineering)	172TE2E15	Jet Propulsion and Rocketry
458	21	M. Tech. (Thermal Engineering)	172TE2E16	Equipment design for Thermal Systems
459	22	M. Tech. (Thermal Engineering)	172TE2L02	Thermal systems design lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
460	23	M. Tech. (Thermal Engineering)	172TE2T05	Fuels, Combustion and Environment
461	24	M. Tech. (Thermal Engineering)	172TE2T06	Energy Management
462	25	M. Tech. (Thermal Engineering)	172TE2T07	Computational Fluid Dynamics
463	26	M. Tech. (Thermal Engineering)	172TE2T08	Finite Element Method
464	27	M. Tech. (Thermal Engineering)	J2114	Comprehensive Viva Voce
465	28	M. Tech. (Thermal Engineering)	J2115	Seminar-I
466	29	M. Tech. (Thermal Engineering)	J2116	Project Work Part-I
467	30	M. Tech. (Thermal Engineering)	J2117	Seminar-II
468	31	M. Tech. (Thermal Engineering)	J2118	Project Work Part-II
469	1	M. Tech. (Software Engineering)	172SO1E01	Web Technologies
470	2	M. Tech. (Software Engineering)	172SO1E02	Middleware Technologies
471	3	M. Tech. (Software Engineering)	172SO1E03	Mobile Computing
472	4	M. Tech. (Software Engineering)	172SO1E04	E-Commerce
473	5	M. Tech. (Software Engineering)	172SO1E05	Scripting Languages
474	6	M. Tech. (Software Engineering)	172SO1E06	ERP and Supply Chain Management
475	7	M. Tech. (Software Engineering)	172SO1L01	Web Technologies and Big Data Analytics Lab
476	8	M. Tech. (Software Engineering)	172SO1T01	Software Requirements And Estimation
477	9	M. Tech. (Software Engineering)	172SO1T02	Software Metrics And Reuse
478	10	M. Tech. (Software Engineering)	172SO1T03	Software Project And Process Management
479	11	M. Tech. (Software Engineering)	172SO1T04	Big Data Analytics
480	12	M. Tech. (Software Engineering)	172SO2E07	Secure Software Engineering
481	13	M. Tech. (Software Engineering)	172SO2E08	Systems Engineering
482	14	M. Tech. (Software Engineering)	172SO2E09	Soft Computing
483	15	M. Tech. (Software Engineering)	172SO2E10	User Interface Design
484	16	M. Tech. (Software Engineering)	172SO2L02	Software Testing and Design Patterns Lab
485	17	M. Tech. (Software Engineering)	172SO2T05	Software Architecture And Design Patterns
486	18	M. Tech. (Software Engineering)	172SO2T06	Software Quality Assurance And Testing
487	19	M. Tech. (Software Engineering)	172SO2T07	Service Oriented Architectures

S. No	Program-wise S. No	Program Name	Course Code	Course Name
488	1	B. Tech. (Mining Engineering)	R1621261	Development of Mineral Deposits
489	2	B. Tech. (Mining Engineering)	R1621262	Thermal Engineering for Mining
490	3	B. Tech. (Mining Engineering)	R1621263	Mining Geology – I
491	4	B. Tech. (Mining Engineering)	R1621264	Fluid Mechanics and Hydraulic Machines Lab
492	5	B. Tech. (Mining Engineering)	R1622261	Materials Engineering
493	6	B. Tech. (Mining Engineering)	R1622262	Mining Geology – II
494	7	B. Tech. (Mining Engineering)	R1622263	Mine Surveying – I
495	8	B. Tech. (Mining Engineering)	R1622264	Surface Mining
496	9	B. Tech. (Mining Engineering)	R1622265	Geology Lab
497	10	B. Tech. (Mining Engineering)	R1622266	Materials Lab
498	11	B. Tech. (Mining Engineering)	R1622267	Professional Ethics and Human Values
499	12	B. Tech. (Mining Engineering)	RT31260	Mine Field visit(Mandatory)
500	13	B. Tech. (Mining Engineering)	RT31261	Underground Coal Mining Technology
501	14	B. Tech. (Mining Engineering)	RT31263	Mine Environment Engineering – I
502	15	B. Tech. (Mining Engineering)	RT31264	Electrical Equipment in Mines
503	16	B. Tech. (Mining Engineering)	RT31265	Mine Surveying– II
504	17	B. Tech. (Mining Engineering)	RT31267	Advanced English Communication Skills Lab
505	18	B. Tech. (Mining Engineering)	RT31268	Mine Surveying Lab
506	19	B. Tech. (Mining Engineering)	RT32261	Mine Systems Engineering
507	20	B. Tech. (Mining Engineering)	RT32262	Mineral Engineering and Fuel Technology
508	21	B. Tech. (Mining Engineering)	RT32263	Mine Environmental Engineering – II
509	22	B. Tech. (Mining Engineering)	RT32264	Mining Machinery
510	23	B. Tech. (Mining Engineering)	RT32265	Under Ground Metal Mining Technology
511	24	B. Tech. (Mining Engineering)	RT32266A	Rock Slope Engineering
512	25	B. Tech. (Mining Engineering)	RT32266B	Mine Subsidence Engineering
513	26	B. Tech. (Mining Engineering)	RT32266B	Mine Subsidence Engineering
514	27	B. Tech. (Mining Engineering)	RT32266C	Rock Fragmentation Engineering
515	28	B. Tech. (Mining Engineering)	RT32266C	Rock Fragmentation Engineering
516	29	B. Tech. (Mining Engineering)	RT32267	Mineral Engineering Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
517	30	B. Tech. (Mining Engineering)	RT32267	Mineral Engineering Lab
518	31	B. Tech. (Mining Engineering)	RT32268	Environmental Engineering Lab
519	32	B. Tech. (Mining Engineering)	RT32268	Environmental Engineering Lab
520	33	B. Tech. (Mining Engineering)	RT32269	Industrial Training(3-4)Weeks Mandatory
521	34	B. Tech. (Mining Engineering)	RT41261	Mine Economics
522	35	B. Tech. (Mining Engineering)	RT41262	Computer Applications in Mining
523	36	B. Tech. (Mining Engineering)	RT41263	Rock Mechanics and Ground Control
524	37	B. Tech. (Mining Engineering)	RT41264	Mine Legislation and General Safety
525	38	B. Tech. (Mining Engineering)	RT41266	Environmental Impact Assessment
526	39	B. Tech. (Mining Engineering)	RT41267	Numerical Methods
527	40	B. Tech. (Mining Engineering)	RT41268	Industrial Management
528	41	B. Tech. (Mining Engineering)	RT4126L	Computer Applications in Mining Lab
529	42	B. Tech. (Mining Engineering)	RT4126M	Rock Mechanics and Ground Control Lab
530	43	B. Tech. (Mining Engineering)	RT4126N	Short Survey Camp
531	44	B. Tech. (Mining Engineering)	RT42262A	Deep Sea Mining
532	45	B. Tech. (Mining Engineering)	RT42262B	Mine Construction
533	46	B. Tech. (Mining Engineering)	RT42262C	Tunneling Engineering
534	47	B. Tech. (Mining Engineering)	RT42263A	Planning of Under Ground Metal Mining Project
535	48	B. Tech. (Mining Engineering)	RT42263B	Planning of Under Ground Coal Mining Project
536	49	B. Tech. (Mining Engineering)	RT42263C	Planning of Surface Mining Projects
537	50	B. Tech. (Mining Engineering)	RT42264A	Maintenance & Reliability Engineering
538	51	B. Tech. (Mining Engineering)	RT42264B	Rock Excavation Engineering
539	52	B. Tech. (Mining Engineering)	RT42264C	Mine Health and Safety Engineering
540	53	B. Tech. (Mining Engineering)	RT42265	Project
541	1	B. Tech. (Petroleum Technology)	R1621271	Materials Science and Engineering
542	2	B. Tech. (Petroleum Technology)	R1621272	General Geology
543	3	B. Tech. (Petroleum Technology)	R1621273	Surveying and Offshore Structures
544	4	B. Tech. (Petroleum Technology)	R1621274	Geology and Surveying Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
545	5	B. Tech. (Petroleum Technology)	R1622271	Probability and Statistics
546	6	B. Tech. (Petroleum Technology)	R1622272	Momentum Transfer
547	7	B. Tech. (Petroleum Technology)	R1622273	Petroleum Geology
548	8	B. Tech. (Petroleum Technology)	R1622274	Thermodynamics for Petroleum Engineers
549	9	B. Tech. (Petroleum Technology)	R1622275	Process Heat Transfer
550	10	B. Tech. (Petroleum Technology)	R1622276	Petroleum Exploration
551	11	B. Tech. (Petroleum Technology)	R1622277	Momentum Transfer Lab
552	12	B. Tech. (Petroleum Technology)	R1622278	Process Heat Transfer Lab
553	13	B. Tech. (Petroleum Technology)	R163227B	Fundamentals of Liquefied Natural Gas
554	14	B. Tech. (Petroleum Technology)	RT31271	Petroleum Exploration
555	15	B. Tech. (Petroleum Technology)	RT31272	Well Logging And Formation Evaluation
556	16	B. Tech. (Petroleum Technology)	RT31273	Drilling Technology
557	17	B. Tech. (Petroleum Technology)	RT31274	Well Engineering
558	18	B. Tech. (Petroleum Technology)	RT31275	Process Dynamics And Control
559	19	B. Tech. (Petroleum Technology)	RT31277	Instrumentation and Process Control Lab
560	20	B. Tech. (Petroleum Technology)	RT31278	Drilling Fluids Lab
561	21	B. Tech. (Petroleum Technology)	RT32271	Well Completions
562	22	B. Tech. (Petroleum Technology)	RT32272	Petroleum Reservoir Engineering-I
563	23	B. Tech. (Petroleum Technology)	RT32273	Petroleum Production Engineering and Design
564	24	B. Tech. (Petroleum Technology)	RT32274	Petroleum Refinery and Petrochemical Engineering
565	25	B. Tech. (Petroleum Technology)	RT32275	Surface Production Operations
566	26	B. Tech. (Petroleum Technology)	RT32277	Petroleum Analysis Lab
567	27	B. Tech. (Petroleum Technology)	RT32278	Drilling Simulation Lab
568	28	B. Tech. (Petroleum Technology)	RT41271	Integrated asset management
569	29	B. Tech. (Petroleum Technology)	RT41272	Enhanced oil recovery techniques
570	30	B. Tech. (Petroleum Technology)	RT41273	HSE and FE in Petroleum Industry
571	31	B. Tech. (Petroleum Technology)	RT41274	Petroleum Reservoir Engineering - II
572	32	B. Tech. (Petroleum Technology)	RT41279	coal bed methane engineering
573	33	B. Tech. (Petroleum Technology)	RT4127L	petroleum equipment design and simulation lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
574	34	B. Tech. (Petroleum Technology)	RT4127M	petroleum reservoir engineering lab
575	35	B. Tech. (Petroleum Technology)	RT4127N	presentation of sip report
576	36	B. Tech. (Petroleum Technology)	RT41310	Computational Fluid Dynamics
577	37	B. Tech. (Petroleum Technology)	RT42271	petroleum economics and regulations and policies
578	38	B. Tech. (Petroleum Technology)	RT42272A	Reservoir modeling and simulation
579	39	B. Tech. (Petroleum Technology)	RT42272B	Horizontal well technology
580	40	B. Tech. (Petroleum Technology)	RT42272C	Lng-processes and transportation and storage
581	41	B. Tech. (Petroleum Technology)	RT42273A	Reservoir stimulation
582	42	B. Tech. (Petroleum Technology)	RT42273B	Subsea engineering
583	43	B. Tech. (Petroleum Technology)	RT42273C	Fundamentals of multiphase flow
584	44	B. Tech. (Petroleum Technology)	RT42274A	Natural gas hydrates
585	45	B. Tech. (Petroleum Technology)	RT42274B	Advanced natural gas engineering
586	46	B. Tech. (Petroleum Technology)	RT42274C	Petroleum biotechnology
587	47	B. Tech. (Petroleum Technology)	RT42275	Project
588	1	B. Tech. (Agricultural Engineering)	R1621351	Fluid Mechanics and Open Channel Hydraulics
589	2	B. Tech. (Agricultural Engineering)	R1621352	Renewable Energy Sources
590	3	B. Tech. (Agricultural Engineering)	R1621353	Ground Water Hydrology , Well and Pumps
591	4	B. Tech. (Agricultural Engineering)	R1621354	Properties and Strength of Materials
592	5	B. Tech. (Agricultural Engineering)	R1621355	Electrical Systems
593	6	B. Tech. (Agricultural Engineering)	R1621356	Surveying
594	7	B. Tech. (Agricultural Engineering)	R1621357	Fluid Mechanics and Open Channel Hydraulics Lab
595	8	B. Tech. (Agricultural Engineering)	R1621358	Surveying Lab
596	9	B. Tech. (Agricultural Engineering)	R1622351	Theory of Structures
597	10	B. Tech. (Agricultural Engineering)	R1622352	Heat and Mass Transfer
598	11	B. Tech. (Agricultural Engineering)	R1622353	Theory of Machines
599	12	B. Tech. (Agricultural Engineering)	R1622354	Soil Mechanics
600	13	B. Tech. (Agricultural Engineering)	R1622355	Surface Water Hydrology
601	14	B. Tech. (Agricultural Engineering)	R1622356	Farm Power and Tractor Systems
602	15	B. Tech. (Agricultural Engineering)	R1622357	Soil Science and Agronomy Field Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
603	16	B. Tech. (Agricultural Engineering)	R1622358	Machine Drawing and Computer Graphics Lab
604	17	B. Tech. (Agricultural Engineering)	RT31351	Thermodynamics and Refrigeration systems
605	18	B. Tech. (Agricultural Engineering)	RT31352	Soil and Water Conservation Engineering
606	19	B. Tech. (Agricultural Engineering)	RT31353	Agricultural Process Engineering
607	20	B. Tech. (Agricultural Engineering)	RT31354	Engineering Properties of Biological Materials and Food Quality
608	21	B. Tech. (Agricultural Engineering)	RT31355	Agricultural Extension Techniques and Business Management
609	22	B. Tech. (Agricultural Engineering)	RT31358	Farm Machinery Lab
610	23	B. Tech. (Agricultural Engineering)	RT31359	Seminar
611	24	B. Tech. (Agricultural Engineering)	RT32351	Irrigation and Drainage Engineering
612	25	B. Tech. (Agricultural Engineering)	RT32352	Farm Machinery and Equipment – I
613	26	B. Tech. (Agricultural Engineering)	RT32353	Design of Soil, Water Conservation and Farm Structures
614	27	B. Tech. (Agricultural Engineering)	RT32354	Dairy and Food Engineering
615	28	B. Tech. (Agricultural Engineering)	RT32355	Theory of Structures
616	29	B. Tech. (Agricultural Engineering)	RT32356A	Operations Research
617	30	B. Tech. (Agricultural Engineering)	RT32356B	Digital Control systems
618	31	B. Tech. (Agricultural Engineering)	RT32356C	Robotics & Automation
619	32	B. Tech. (Agricultural Engineering)	RT32356D	Industrial Pollution Control Engineering
620	33	B. Tech. (Agricultural Engineering)	RT32356E	Advanced Separation Technology
621	34	B. Tech. (Agricultural Engineering)	RT32356F	Mechatronics
622	35	B. Tech. (Agricultural Engineering)	RT32356G	Finite Element Method
623	36	B. Tech. (Agricultural Engineering)	RT32356H	Soil Dynamics and Machine Foundations
624	37	B. Tech. (Agricultural Engineering)	RT32356I	Water Resources System Planning and Management
625	38	B. Tech. (Agricultural Engineering)	RT32356J	Green Technologies
626	39	B. Tech. (Agricultural Engineering)	RT32357	Agricultural Process Engineering Lab
627	40	B. Tech. (Agricultural Engineering)	RT32358	Soil and Water Engineering Lab
628	41	B. Tech. (Agricultural Engineering)	RT41351	Micro irrigation engineering
629	42	B. Tech. (Agricultural Engineering)	RT413510	Computational Fluid Dynamics
630	43	B. Tech. (Agricultural Engineering)	RT41352	Farm machinery and equipments II
631	44	B. Tech. (Agricultural Engineering)	RT41353	Post harvest engineering for horticulture produce

S. No	Program-wise S. No	Program Name	Course Code	Course Name
632	45	B. Tech. (Agricultural Engineering)	RT41354	Mechanical measurements and instrumentation
633	46	B. Tech. (Agricultural Engineering)	RT41355	Seed processing and storage engineering
634	47	B. Tech. (Agricultural Engineering)	RT41356	Managerial economics & financial Analysis
635	48	B. Tech. (Agricultural Engineering)	RT41357	Food processing plant design and layout
636	49	B. Tech. (Agricultural Engineering)	RT41358	Watershed management
637	50	B. Tech. (Agricultural Engineering)	RT41359	Food packaging technology
638	51	B. Tech. (Agricultural Engineering)	RT4135L	Field operation and maintenance of tractors and farm machinery lab
639	52	B. Tech. (Agricultural Engineering)	RT4135M	Dairy and food engineering lab
640	53	B. Tech. (Agricultural Engineering)	RT42351	Design of agricultural machinery
641	54	B. Tech. (Agricultural Engineering)	RT42352	Agro industries and bi-product utilization
642	55	B. Tech. (Agricultural Engineering)	RT42353A	GIS and remote sensing
643	56	B. Tech. (Agricultural Engineering)	RT42353B	Human engineering and safety
644	57	B. Tech. (Agricultural Engineering)	RT42353C	Production technology of agricultural machinery
645	58	B. Tech. (Agricultural Engineering)	RT42354A	Minor irrigation and command area development
646	59	B. Tech. (Agricultural Engineering)	RT42354B	Hydraulic devices and control
647	60	B. Tech. (Agricultural Engineering)	RT42354C	Principles of entrepreneurship
648	61	B. Tech. (Agricultural Engineering)	RT42355	Project work
649	1	M. Tech. (Power Electronics and Drives)	172PD1E01	Modern Control Theory
650	2	M. Tech. (Power Electronics and Drives)	172PD1E02	Power Quality
651	3	M. Tech. (Power Electronics and Drives)	172PD1E03	Optimization Techniques
652	4	M. Tech. (Power Electronics and Drives)	172PD1E04	Energy Auditing, Conservation and Management
653	5	M. Tech. (Power Electronics and Drives)	172PD1E05	Artificial Intelligence Techniques
654	6	M. Tech. (Power Electronics and Drives)	172PD1E06	HVDC Transmission
655	7	M. Tech. (Power Electronics and Drives)	172PD1L01	Simulation Lab
656	8	M. Tech. (Power Electronics and Drives)	172PD1T01	Electrical Machine Modeling and Analysis
657	9	M. Tech. (Power Electronics and Drives)	172PD1T02	Analysis of Power Electronic Converters
658	10	M. Tech. (Power Electronics and Drives)	172PD1T03	Power Electronic Control of DC Drives
659	11	M. Tech. (Power Electronics and Drives)	172PD1T04	Flexible AC Transmission Systems
660	12	M. Tech. (Power Electronics and Drives)	172PD2E07	Renewable Energy Systems

S. No	Program-wise S. No	Program Name	Course Code	Course Name
661	13	M. Tech. (Power Electronics and Drives)	172PD2E08	Reactive Power Compensation and Management
662	14	M. Tech. (Power Electronics and Drives)	172PD2E09	Electrical Distribution System
663	15	M. Tech. (Power Electronics and Drives)	172PD2E10	Smart Grid Technologies
664	16	M. Tech. (Power Electronics and Drives)	172PD2E11	Special Machines
665	17	M. Tech. (Power Electronics and Drives)	172PD2E12	Programmable Logic Controllers and Applications
666	18	M. Tech. (Power Electronics and Drives)	172PD2L02	Power Converters and Drives Lab
667	19	M. Tech. (Power Electronics and Drives)	172PD2T05	Switched Mode Power Conversion
668	20	M. Tech. (Power Electronics and Drives)	172PD2T06	Power Electronics Control of AC Drives
669	21	M. Tech. (Power Electronics and Drives)	172PD2T07	Digital Controllers
670	22	M. Tech. (Power Electronics and Drives)	172PD2T08	Custom Power Devices
671	23	M. Tech. (Power Electronics and Drives)	J4314	Project Work Part - I
672	24	M. Tech. (Power Electronics and Drives)	J4316	Project Work Part - II
673	25	M. Tech. (Power Electronics and Drives)	K4301	Comprehensive Viva-Voce
674	26	M. Tech. (Power Electronics and Drives)	K4302	Seminar – I
675	27	M. Tech. (Power Electronics and Drives)	K4303	Project Work Part - I
676	28	M. Tech. (Power Electronics and Drives)	L4301	Seminar – II
677	29	M. Tech. (Power Electronics and Drives)	L4302	Project Work Part - II
678	1	M. Tech. (Embedded Systems)	172EM1E01	Cyber Security
679	2	M. Tech. (Embedded Systems)	172EM1E02	Sensors and Actuators
680	3	M. Tech. (Embedded Systems)	172EM1E03	Soft Computing Techniques
681	4	M. Tech. (Embedded Systems)	172EM1E04	Embedded Computing
682	5	M. Tech. (Embedded Systems)	172EM1E05	Device Drivers
683	6	M. Tech. (Embedded Systems)	172EM1E06	network security and cryptography
684	7	M. Tech. (Embedded Systems)	172EM1E07	Advanced Computer Architecture
685	8	M. Tech. (Embedded Systems)	172EM1L01	Embedded Systems Lab
686	9	M. Tech. (Embedded Systems)	172EM1T01	Digital System Design
687	10	M. Tech. (Embedded Systems)	172EM1T02	Embedded System Design
688	11	M. Tech. (Embedded Systems)	172EM1T03	Real Time Operating Systems
689	12	M. Tech. (Embedded Systems)	172EM1T04	Embedded - C

S. No	Program-wise S. No	Program Name	Course Code	Course Name
690	13	M. Tech. (Embedded Systems)	172EM2E08	System on Chip Design
691	14	M. Tech. (Embedded Systems)	172EM2E09	MEMS Design
692	15	M. Tech. (Embedded Systems)	172EM2E10	Internet Protocols
693	16	M. Tech. (Embedded Systems)	172EM2E11	Wireless LANs and PANs
694	17	M. Tech. (Embedded Systems)	172EM2E12	Multimedia and Signal Coding
695	18	M. Tech. (Embedded Systems)	172EM2L02	Embedded Real Time Systems Lab
696	19	M. Tech. (Embedded Systems)	172EM2T05	Hardware Software Co - Design
697	20	M. Tech. (Embedded Systems)	172EM2T06	DSP Processors and Architectures
698	21	M. Tech. (Embedded Systems)	172EM2T07	Embedded Networking
699	22	M. Tech. (Embedded Systems)	172EM2T08	CPLD / FPGA Architectures and Applications
700	1	M. Tech. (Computer Science & Engineering)	172CO1E01	Software Engineering
701	2	M. Tech. (Computer Science & Engineering)	172CO1E02	Advanced Operating Systems
702	3	M. Tech. (Computer Science & Engineering)	172CO1E03	Compiler Design
703	4	M. Tech. (Computer Science & Engineering)	172CO1E04	Human Computer Interaction
704	5	M. Tech. (Computer Science & Engineering)	172CO1L01	Advanced Data Structures and Database Management Systems Lab
705	6	M. Tech. (Computer Science & Engineering)	172CO1T01	Advanced Data Structures and Algorithm Analysis
706	7	M. Tech. (Computer Science & Engineering)	172CO1T02	Database Management System
707	8	M. Tech. (Computer Science & Engineering)	172CO1T03	Computer Organization and Architecture
708	9	M. Tech. (Computer Science & Engineering)	172CO1T04	Mathematical Foundations Of Computer Science
709	10	M. Tech. (Computer Science & Engineering)	172CO1T05	Computer Networks
710	11	M. Tech. (Computer Science & Engineering)	172CO2E05	Machine Learning
711	12	M. Tech. (Computer Science & Engineering)	172CO2E06	Digital Image Processing
712	13	M. Tech. (Computer Science & Engineering)	172CO2E07	Mobile Computing
713	14	M. Tech. (Computer Science & Engineering)	172CO2E08	Cloud Computing
714	15	M. Tech. (Computer Science & Engineering)	172CO2E09	Internet of Things
715	16	M. Tech. (Computer Science & Engineering)	172CO2E10	Bio Informatics
716	17	M. Tech. (Computer Science & Engineering)	172CO2L02	Advanced Unix Programming and Hadoop and Bigdata Lab
717	18	M. Tech. (Computer Science & Engineering)	172CO2T06	Cyber Security
718	19	M. Tech. (Computer Science & Engineering)	172CO2T07	Data Ware Housing and Data Mining

S. No	Program-wise S. No	Program Name	Course Code	Course Name
719	20	M. Tech. (Computer Science & Engineering)	172CO2T08	Big Data Analytics
720	21	M. Tech. (Computer Science & Engineering)	172CO2T09	Advanced Unix Programming
721	22	M. Tech. (Computer Science & Engineering)	K5801	Comprehensive Viva-Voce
722	23	M. Tech. (Computer Science & Engineering)	K5802	Seminar – I
723	24	M. Tech. (Computer Science & Engineering)	K5803	Project Work Part - I
724	25	M. Tech. (Computer Science & Engineering)	L5801	Seminar – II
725	26	M. Tech. (Computer Science & Engineering)	L5802	Project Work Part - II
726	1	M. Tech. (VLSI Design)	172VD1E01	Digital Design using HDL
727	2	M. Tech. (VLSI Design)	172VD1E02	CPLD / FPGA Architectures and Applications
728	3	M. Tech. (VLSI Design)	172VD1E03	Hardware Software Co - Design
729	4	M. Tech. (VLSI Design)	172VD1L01	Front End VLSI Design - Lab
730	5	M. Tech. (VLSI Design)	172VD1T01	VLSI Technology and Design
731	6	M. Tech. (VLSI Design)	172VD1T02	CMOS Analog IC Design
732	7	M. Tech. (VLSI Design)	172VD1T03	CMOS Digital IC Design
733	8	M. Tech. (VLSI Design)	172VD2E04	CAD for VLSI
734	9	M. Tech. (VLSI Design)	172VD2E05	VLSI Signal Processing
735	10	M. Tech. (VLSI Design)	172VD2E06	Optimization Techniques in VLSI Design
736	11	M. Tech. (VLSI Design)	172VD2E07	Semiconductor Memory Design and Testing
737	12	M. Tech. (VLSI Design)	172VD2L02	Back end VLSI Design Laboratory
738	13	M. Tech. (VLSI Design)	172VD2T04	CMOS Mixed Signal Circuit Design
739	14	M. Tech. (VLSI Design)	172VD2T05	Embedded System Design
740	15	M. Tech. (VLSI Design)	172VD2T06	Low Power VLSI Design
741	16	M. Tech. (VLSI Design)	172VD2T07	Design For Testability
742	1	M. Tech. (Structural Engineering)	172SE1E01	Experimental Stress Analysis
743	2	M. Tech. (Structural Engineering)	172SE1E02	Sub Structure Design
744	3	M. Tech. (Structural Engineering)	172SE1E03	Structural Optimization
745	4	M. Tech. (Structural Engineering)	172SE1E04	Repair and Rehabilitation of Structures
746	5	M. Tech. (Structural Engineering)	172SE1E05	Analysis and Design of Tall Building
747	6	M. Tech. (Structural Engineering)	172SE1E06	Plastic Analysis and Design


S. No	Program-wise S. No	Program Name	Course Code	Course Name
748	7	M. Tech. (Structural Engineering)	172SE1L01	Advanced Structural Engineering Laboratory
749	8	M. Tech. (Structural Engineering)	172SE1T01	Advanced Mathematics
750	9	M. Tech. (Structural Engineering)	172SE1T02	Theory of Elasticity
751	10	M. Tech. (Structural Engineering)	172SE1T03	Matrix Analysis of Structures
752	11	M. Tech. (Structural Engineering)	172SE1T04	Structural Dynamics
753	12	M. Tech. (Structural Engineering)	172SE2E07	Prestressed Concrete
754	13	M. Tech. (Structural Engineering)	172SE2E08	Mechanics of Composite Materials
755	14	M. Tech. (Structural Engineering)	172SE2E09	Fracture Mechanics
756	15	M. Tech. (Structural Engineering)	172SE2E10	Industrial Structures
757	16	M. Tech. (Structural Engineering)	172SE2E11	Bridge Engineering
758	17	M. Tech. (Structural Engineering)	172SE2E12	Earth Retaining Structures
759	18	M. Tech. (Structural Engineering)	172SE2L02	CAD Laboratory
760	19	M. Tech. (Structural Engineering)	172SE2T05	Finite Element Method
761	20	M. Tech. (Structural Engineering)	172SE2T06	Earthquake Resistant Design
762	21	M. Tech. (Structural Engineering)	172SE2T07	Stability of Structures
763	22	M. Tech. (Structural Engineering)	172SE2T08	Theory of Plates and Shells
764	1	Master of Business Administration	174MB1L01	IT - Lab
765	2	Master of Business Administration	174MB1T01	Principles of Management
766	3	Master of Business Administration	174MB1T02	Managerial Economics
767	4	Master of Business Administration	174MB1T03	Accounting for Managers
768	5	Master of Business Administration	174MB1T04	Managerial Communication and Soft Skills
769	6	Master of Business Administration	174MB1T05	Business Environment
770	7	Master of Business Administration	174MB1T06	Quantitative Analysis for Business Decisions
771	8	Master of Business Administration	174MB2P01	Minor Project
772	9	Master of Business Administration	174MB2T07	Financial Management
773	10	Master of Business Administration	174MB2T08	Human Resource Management
774	11	Master of Business Administration	174MB2T09	Marketing Management
775	12	Master of Business Administration	174MB2T10	Production and Operations Management
776	13	Master of Business Administration	174MB2T11	Business Research Methods

S. No	Program-wise S. No	Program Name	Course Code	Course Name
777	14	Master of Business Administration	174MB2T12	Organizational Behavior
778	15	Master of Business Administration	MB1631	Strategic Management
779	16	Master of Business Administration	MB1632	Legal Aspects of Business
780	17	Master of Business Administration	MB1633	Business Ethics and Corporate Governance
781	18	Master of Business Administration	MB1634	Leadership Management
782	19	Master of Business Administration	MB1635	Security Analysis and Portfolio Management
783	20	Master of Business Administration	MB1636	Consumer Behavior
784	21	Master of Business Administration	MB1638	Compensation and Reward Management
785	22	Master of Business Administration	MB1639	Banking and Insurance Management
786	23	Master of Business Administration	MB163A	Retail Management
787	24	Master of Business Administration	MB163C	Performance Management
788	25	Master of Business Administration	MB163D	Advance Management Accounting
789	26	Master of Business Administration	MB163E	Customer Relationship Management
790	27	Master of Business Administration	MB163G	Strategic Human Resource Management
791	28	Master of Business Administration	MB163H	Strategic Financial Management
792	29	Master of Business Administration	MB163I	Strategic Marketing Management
793	30	Master of Business Administration	MB163K	E-Business
794	31	Master of Business Administration	MB163L	RDBMS
795	32	Master of Business Administration	MB163M	System Analysis and Design
796	33	Master of Business Administration	MB163N	Web Designing
797	34	Master of Business Administration	MB1641	Logistic and Supply Chain Management
798	35	Master of Business Administration	MB1642	Entrepreneurship Development
799	36	Master of Business Administration	MB1643	Organizational Development and Change Management
800	37	Master of Business Administration	MB1644	Financial Markets and Services
801	38	Master of Business Administration	MB1645	Services Marketing
802	39	Master of Business Administration	MB1647	Global HRM
803	40	Master of Business Administration	MB1648	Global Financial Management
804	41	Master of Business Administration	MB1649	Promotional Distribution Management
805	42	Master of Business Administration	MB164B	Labor Welfare and Legislation

S. No	Program-wise S. No	Program Name	Course Code	Course Name
806	43	Master of Business Administration	MB164C	Risk Management
807	44	Master of Business Administration	MB164D	Global Marketing Management
808	45	Master of Business Administration	MB164F	Management of Industrial Relations
809	46	Master of Business Administration	MB164G	Tax Management
810	47	Master of Business Administration	MB164H	Supply Chain Management
811	48	Master of Business Administration	MB164J	Major Project and Comprehensive Viva
812	49	Master of Business Administration	MB164O	Business Intelligence
813	50	Master of Business Administration	MB164P	Enterprise Resource Planning
814	51	Master of Business Administration	MB164Q	Cyber Laws and Security
815	52	Master of Business Administration	MB164R	Information Systems Audit
816	1	Master of Computer Applications	173MC1L01	English Language Communication Skills Lab
817	2	Master of Computer Applications	173MC1L02	C Programming Lab
818	3	Master of Computer Applications	173MC1L03	Statistical Programming With R Lab
819	4	Master of Computer Applications	173MC1L04	Oops Through Java Lab
820	5	Master of Computer Applications	173MC1L05	Data Structures Lab
821	6	Master of Computer Applications	173MC1L06	Operating System & Computer Graphics Lab
822	7	Master of Computer Applications	173MC1T01	C Programming And Data Structures
823	8	Master of Computer Applications	173MC1T02	Computer Organization
824	9	Master of Computer Applications	173MC1T03	Discrete Mathematical Structures And Graph Theory
825	10	Master of Computer Applications	173MC1T04	Statistical Programming With R
826	11	Master of Computer Applications	173MC1T05	Accounting And Financial Management
827	12	Master of Computer Applications	173MC1T06	Oops Through Java
828	13	Master of Computer Applications	173MC1T07	Operating Systems
829	14	Master of Computer Applications	173MC1T08	Software Engineering
830	15	Master of Computer Applications	173MC1T09	Optimization Techniques
831	16	Master of Computer Applications	173MC1T10	Computer Graphics
832	17	Master of Computer Applications	173MC2L06	Operating System & Computer Graphics Lab
833	18	Master of Computer Applications	MC1631	Data Base Management Systems
834	19	Master of Computer Applications	MC1632	Computer Networks

S. No	Program-wise S. No	Program Name	Course Code	Course Name
835	20	Master of Computer Applications	MC1633	Unix Programming
836	21	Master of Computer Applications	MC1634	Management Information System
837	22	Master of Computer Applications	MC1635	Design And Analysis Of Algorithms
838	23	Master of Computer Applications	MC1636	Data Base Management Systems Lab
839	24	Master of Computer Applications	MC1637	Unix Programming Lab
840	25	Master of Computer Applications	MC1638	Computer Networks Lab
841	26	Master of Computer Applications	MC1641	Object Oriented Analysis And Design
842	27	Master of Computer Applications	MC1642	Advanced Java & Web Technologies
843	28	Master of Computer Applications	MC1643	Data Warehousing And Mining
844	29	Master of Computer Applications	MC1644	Mobile Computing
845	30	Master of Computer Applications	MC1645	Human Computer Interaction
846	31	Master of Computer Applications	MC1646	Cloud Computing
847	32	Master of Computer Applications	MC1647	Software Project Management
848	33	Master of Computer Applications	MC1648	Artificial Intelligence
849	34	Master of Computer Applications	MC1649	Embedded Systems
850	35	Master of Computer Applications	MC164A	Advanced Java & Web Technologies Lab
851	36	Master of Computer Applications	MC164B	Data Warehousing And Mining Lab
852	37	Master of Computer Applications	MC164C	Object Oriented Analysis And Design Lab
853	38	Master of Computer Applications	MC1651	Big Data Analytics
854	39	Master of Computer Applications	MC1652	Network Programming
855	40	Master of Computer Applications	MC1653	Python Programming
856	41	Master of Computer Applications	MC1654	Cyber Security
857	42	Master of Computer Applications	MC1655	Computer Forensics
858	43	Master of Computer Applications	MC1656	E-Commerce
859	44	Master of Computer Applications	MC1657	Internet Of Things
860	45	Master of Computer Applications	MC1658	Multimedia Application Development
861	46	Master of Computer Applications	MC1659	Software Testing Methodologies
862	47	Master of Computer Applications	MC165A	Big Data Analytics Lab
863	48	Master of Computer Applications	MC165B	Network Programming Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
864	49	Master of Computer Applications	MC165C	Python Programming Lab
865	50	Master of Computer Applications	MC165D	Animation & Gaming
866	1	Integrated Master of Business Administration	16IM301	Principles of Management
867	2	Integrated Master of Business Administration	16IM302	Cost Accounting
868	3	Integrated Master of Business Administration	16IM303	Banking Theory and Practice
869	4	Integrated Master of Business Administration	16IM304	Business Law
870	5	Integrated Master of Business Administration	16IM305	Entrepreneurship Development
871	6	Integrated Master of Business Administration	16IM401	Organizational Behavior
872	7	Integrated Master of Business Administration	16IM402	Management Accounting
873	8	Integrated Master of Business Administration	16IM403	Company Law
874	9	Integrated Master of Business Administration	16IM404	Elements of Direct and Indirect Taxes
875	10	Integrated Master of Business Administration	16IM405	Management Information Systems
876	11	Integrated Master of Business Administration	175IM1T01	English Language – I
877	12	Integrated Master of Business Administration	175IM1T02	Business Mathematics and Statistics
878	13	Integrated Master of Business Administration	175IM1T03	Fundamentals of Business Organization
879	14	Integrated Master of Business Administration	175IM1T04	Financial Accounting – I
880	15	Integrated Master of Business Administration	175IM1T05	Fundamentals of Computers
881	16	Integrated Master of Business Administration	175IM2T06	English Language – II
882	17	Integrated Master of Business Administration	175IM2T07	Business Environment
883	18	Integrated Master of Business Administration	175IM2T08	Managerial Economics
884	19	Integrated Master of Business Administration	175IM2T09	Financial Accounting – II
885	20	Integrated Master of Business Administration	175IM2T10	Organizational Communications


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