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 dring the academic year 2019-20

S. No	Name of the program	Number of courses
1	B. Tech. (Civil Engineering)	77
2	B. Tech. (Electrical and Electronics Engineering)	67
3	B. Tech. (Mechanical Engineering)	87
4	B. Tech. (Electronics and Communication Engineering)	62
5	B. Tech. (Computer Science and Engineering)	70
6	M. Tech. (Petroleum Engineering)	23
7	B. Tech. (Information Technology)	29
8	M. Tech. (Thermal Engineering)	29
9	B. Tech. (Mining Engineering)	56
10	B. Tech. (Petroleum Technology)	57
11	B. Tech. (Agricultural Engineering)	57
12	M. Tech. (Power Electronics and Drives)	27
13	M. Tech. (Computer Science & Engineering)	26
14	M. Tech. (VLSI Design)	39
15	M. Tech. (Structural Engineering)	26
16	Master of Business Administration	59
17	Master of Computer Applications	26
18	Integrated Master of Business Administration	78
19	M. Tech. (Software Engineering)	24
20	M. Tech. (Embedded Systems)	25
Total		**944**

PRINCIPAL
PRINCIPAL
ADITYA ENGINEERING COLLEGE
SURAMPALEM - 533 437

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

List of courses program-wise during the acdemic year 2019-20

S. No	Program-wise S. No	Program Name	Course Code	Course Name
1	1	B. Tech. (Civil Engineering)	171CE3L01	Surveying Lab
2	2	B. Tech. (Civil Engineering)	171CE3T01	Building Materials and Construction
3	3	B. Tech. (Civil Engineering)	171CE3T02	Surveying
4	4	B. Tech. (Civil Engineering)	171CE3T03	Fluid Mechanics
5	5	B. Tech. (Civil Engineering)	171CE4L02	Fluid Mechanics and Hydraulic Machinery Lab
6	6	B. Tech. (Civil Engineering)	171CE4L03	Concrete Technology Lab
7	7	B. Tech. (Civil Engineering)	171CE4T04	Building Planning and Computer Aided Drawing
8	8	B. Tech. (Civil Engineering)	171CE4T05	Concrete Technology
9	9	B. Tech. (Civil Engineering)	171CE4T06	Engineering Geology
10	10	B. Tech. (Civil Engineering)	171CE4T07	Hydraulics and Hydraulic Machinery
11	11	B. Tech. (Civil Engineering)	171CE4T08	Strength of Materials – II
12	12	B. Tech. (Civil Engineering)	171CE4T09	Structural Analysis - I
13	13	B. Tech. (Civil Engineering)	171CE5E01	Construction Technology and Management
14	14	B. Tech. (Civil Engineering)	171CE5E02	Urban Hydrology
15	15	B. Tech. (Civil Engineering)	171CE5E03	Traffic Engineering
16	16	B. Tech. (Civil Engineering)	171CE5L04	Engineering Geology Lab
17	17	B. Tech. (Civil Engineering)	171CE5L05	Transportation Engineering Lab
18	18	B. Tech. (Civil Engineering)	171CE5P03	Surveying Camp
19	19	B. Tech. (Civil Engineering)	171CE5S01	MOOCs – I
20	20	B. Tech. (Civil Engineering)	171CE5T10	Design and Drawing of Reinforced Concrete Structures
21	21	B. Tech. (Civil Engineering)	171CE5T11	Transportation Engineering
22	22	B. Tech. (Civil Engineering)	171CE5T12	Structural Analysis - II
23	23	B. Tech. (Civil Engineering)	171CE5T13	Water Resource Engineering - I
24	24	B. Tech. (Civil Engineering)	171CE6E04	PE II Ground Water Development

S. No	Program-wise S. No	Program Name	Course Code	Course Name
25	25	B. Tech. (Civil Engineering)	171CE6E05	Pavement Analysis and Design
26	26	B. Tech. (Civil Engineering)	171CE6E06	Repair and Rehabilitation of Structures
27	27	B. Tech. (Civil Engineering)	171CE6E07	PE III Ground Improvement Techniques
28	28	B. Tech. (Civil Engineering)	171CE6E08	Finite Element Methods
29	29	B. Tech. (Civil Engineering)	171CE6E09	Earthquake Resistant Design
30	30	B. Tech. (Civil Engineering)	171CE6L06	Geotechnical Engineering Lab
31	31	B. Tech. (Civil Engineering)	171CE6L07	Irrigation Design and Drawing
32	32	B. Tech. (Civil Engineering)	171CE6S02	MOOCs - II
33	33	B. Tech. (Civil Engineering)	171CE6T14	Design and Drawing of Steel Structures
34	34	B. Tech. (Civil Engineering)	171CE6T15	Geotechnical Engineering - I
35	35	B. Tech. (Civil Engineering)	171CE6T16	Water Resource Engineering - II
36	36	B. Tech. (Civil Engineering)	171CE6T17	Prestressed Concrete
37	37	B. Tech. (Civil Engineering)	171ES3T16	Materials Science and Engineering
38	38	B. Tech. (Civil Engineering)	171ES3T17	General Geology
39	39	B. Tech. (Civil Engineering)	171ES3T18	Surveying and Offshore Structures
40	40	B. Tech. (Civil Engineering)	171ES4T25	Fluid Mechanics and Open Channel Hydraulics
41	41	B. Tech. (Civil Engineering)	171ES4T27	Kinematics Of Machinery
42	42	B. Tech. (Civil Engineering)	171HS3A10	Employability Skills - I
43	43	B. Tech. (Civil Engineering)	171HS3T04	Managerial Economics and Financial Analysis
44	44	B. Tech. (Civil Engineering)	171HS4A04	Managerial Economics and Financial Analysis
45	45	B. Tech. (Civil Engineering)	191BS1L01	Engineering Physics Lab
46	46	B. Tech. (Civil Engineering)	191BS2T05	Partial Differential Equations and Vector Calculus
47	47	B. Tech. (Civil Engineering)	191BS4T16	Numerical Methods and Statistical Techniques
48	48	B. Tech. (Civil Engineering)	191ES2L04	Civil Engineering Workshop
49	49	B. Tech. (Civil Engineering)	191ES2L13	Petroleum Technology Workshop
50	50	B. Tech. (Civil Engineering)	191ES2T09	Data Structures through C++
51	51	B. Tech. (Civil Engineering)	R1641011	Environmental Engineering - II
52	52	B. Tech. (Civil Engineering)	R1641012	Water Resource Engineering - II
53	53	B. Tech. (Civil Engineering)	R1641013	Geotechnical Engineering - II

S. No	Program-wise S. No	Program Name	Course Code	Course Name
54	54	B. Tech. (Civil Engineering)	R1641014	Remote Sensing and GIS Applications
55	55	B. Tech. (Civil Engineering)	R1641017	GIS and CAD Lab
56	56	B. Tech. (Civil Engineering)	R1641018	Irrigation Design and Drawing
57	57	B. Tech. (Civil Engineering)	R1641019	IPR and Patents
58	58	B. Tech. (Civil Engineering)	R164101A	Finite Element Methods(Elective I)
59	59	B. Tech. (Civil Engineering)	R164101B	Ground Improvement Techniques
60	60	B. Tech. (Civil Engineering)	R164101C	Air Pollution and Control
61	61	B. Tech. (Civil Engineering)	R164101D	Urban Hydrology
62	62	B. Tech. (Civil Engineering)	R164101E	Traffic Engineering
63	63	B. Tech. (Civil Engineering)	R164101F	Advanced Structural Engineering(Elective II)
64	64	B. Tech. (Civil Engineering)	R164101G	Advanced Foundation Engineering
65	65	B. Tech. (Civil Engineering)	R164101H	Environmental Impact Assessment and Management
66	66	B. Tech. (Civil Engineering)	R164101I	Ground Water Development
67	67	B. Tech. (Civil Engineering)	R164101J	Pavement Analysis and Design
68	68	B. Tech. (Civil Engineering)	R1642011	Estimation Specification and Contracts
69	69	B. Tech. (Civil Engineering)	R1642012	Construction Technology and Management
70	70	B. Tech. (Civil Engineering)	R1642013	Prestressed Concrete
71	71	B. Tech. (Civil Engineering)	R1642015	Seminar on Internship Project
72	72	B. Tech. (Civil Engineering)	R1642016	Project
73	73	B. Tech. (Civil Engineering)	R164201A	Bridge Engineering(Elective III)
74	74	B. Tech. (Civil Engineering)	R164201B	Soil Dynamics and Foundations
75	75	B. Tech. (Civil Engineering)	R164201C	Solid and Hazardous Waste Management
76	76	B. Tech. (Civil Engineering)	R164201D	Water Resources Systems Planning
77	77	B. Tech. (Civil Engineering)	R164201E	Urban Transportation Planning Engg
78	1	B. Tech. (Electrical and Electronics Engineering)	171BS3T09	Complex Variables
79	2	B. Tech. (Electrical and Electronics Engineering)	171EE3L01	Electrical Circuits Lab
80	3	B. Tech. (Electrical and Electronics Engineering)	171EE3T02	Electrical Circuit Analysis - II
81	4	B. Tech. (Electrical and Electronics Engineering)	171EE3T03	Electrical Machines – I
82	5	B. Tech. (Electrical and Electronics Engineering)	171EE3T04	Basic Electronics Devices and Circuits

S. No	Program-wise S. No	Program Name	Course Code	Course Name
83	6	B. Tech. (Electrical and Electronics Engineering)	171EE3T05	Electromagnetic Fields
84	7	B. Tech. (Electrical and Electronics Engineering)	171EE4L02	Electronic Devices and Circuits Lab
85	8	B. Tech. (Electrical and Electronics Engineering)	171EE4L03	Electrical Machines - I Lab
86	9	B. Tech. (Electrical and Electronics Engineering)	171EE4T06	Electrical Measurements
87	10	B. Tech. (Electrical and Electronics Engineering)	171EE4T07	Electrical Machines - II
88	11	B. Tech. (Electrical and Electronics Engineering)	171EE4T08	Control Systems
89	12	B. Tech. (Electrical and Electronics Engineering)	171EE4T09	Power Systems – I
90	13	B. Tech. (Electrical and Electronics Engineering)	171EE5E01	Renewable Energy Sources
91	14	B. Tech. (Electrical and Electronics Engineering)	171EE5E02	Modeling and Analysis of Electrical Machines
92	15	B. Tech. (Electrical and Electronics Engineering)	171EE5E03	Electrical Safety
93	16	B. Tech. (Electrical and Electronics Engineering)	171EE5L04	Electrical Measurements Lab
94	17	B. Tech. (Electrical and Electronics Engineering)	171EE5L05	Electrical Machines - II Lab
95	18	B. Tech. (Electrical and Electronics Engineering)	171EE5L06	Control Systems Lab
96	19	B. Tech. (Electrical and Electronics Engineering)	171EE5S01	MOOCs - I
97	20	B. Tech. (Electrical and Electronics Engineering)	171EE5T10	Power Systems – II
98	21	B. Tech. (Electrical and Electronics Engineering)	171EE5T11	Power Electronics
99	22	B. Tech. (Electrical and Electronics Engineering)	171EE5T12	Pulse and Digital Circuits
100	23	B. Tech. (Electrical and Electronics Engineering)	171EE5T13	Signals and Systems
101	24	B. Tech. (Electrical and Electronics Engineering)	171EE6E04	Computer Architecture
102	25	B. Tech. (Electrical and Electronics Engineering)	171EE6E05	Electrical Distribution Systems
103	26	B. Tech. (Electrical and Electronics Engineering)	171EE6E06	Distributed Generation and Microgrid
104	27	B. Tech. (Electrical and Electronics Engineering)	171EE6E07	Advanced Control Systems
105	28	B. Tech. (Electrical and Electronics Engineering)	171EE6E08	PLC and Applications
106	29	B. Tech. (Electrical and Electronics Engineering)	171EE6E09	Instrumentation
107	30	B. Tech. (Electrical and Electronics Engineering)	171EE6E10	OOPs through JAVA
108	31	B. Tech. (Electrical and Electronics Engineering)	171EE6L07	Data Structures Lab
109	32	B. Tech. (Electrical and Electronics Engineering)	171EE3L08	Power Electronics Lab
110	33	B. Tech. (Electrical and Electronics Engineering)	171EE6S02	MOOCs - II
111	34	B. Tech. (Electrical and Electronics Engineering)	171EE6T14	Power Electronic Controllers and Drives

S. No	Program-wise S. No	Program Name	Course Code	Course Name
112	35	B. Tech. (Electrical and Electronics Engineering)	171EE6T15	Power System Analysis
113	36	B. Tech. (Electrical and Electronics Engineering)	171EE6T16	Micro Processor and Micro Controllers
114	37	B. Tech. (Electrical and Electronics Engineering)	171EE6T17	Data Structures
115	38	B. Tech. (Electrical and Electronics Engineering)	171ES3L03	Strength of Materials Lab
116	39	B. Tech. (Electrical and Electronics Engineering)	171HS5E01	Managerial Economics and Financial Analysis
117	40	B. Tech. (Electrical and Electronics Engineering)	171HS5T08	Intellectual Property Rights and Patents
118	41	B. Tech. (Electrical and Electronics Engineering)	191BS1L02	Engineering Chemistry Lab
119	42	B. Tech. (Electrical and Electronics Engineering)	191BS2T08	Transform Techniques
120	43	B. Tech. (Electrical and Electronics Engineering)	191BS4T17	Numerical Methods and Complex variables
121	44	B. Tech. (Electrical and Electronics Engineering)	191ES2L05	Basic Civil and Mechanical Engineering Lab
122	45	B. Tech. (Electrical and Electronics Engineering)	191ES2L14	Agricultural Engineering Workshop
123	46	B. Tech. (Electrical and Electronics Engineering)	191HS1L01	Communicative English Lab-I
124	47	B. Tech. (Electrical and Electronics Engineering)	R1641021	Utilization of Electrical Energy
125	48	B. Tech. (Electrical and Electronics Engineering)	R1641022	Linear IC Applications
126	49	B. Tech. (Electrical and Electronics Engineering)	R1641023	Power System Operation and Control
127	50	B. Tech. (Electrical and Electronics Engineering)	R1641024	Switchgear and Protection
128	51	B. Tech. (Electrical and Electronics Engineering)	R1641027	Electrical Simulation Laboratory
129	52	B. Tech. (Electrical and Electronics Engineering)	R1641028	Power Systems and Simulation Laboratory
130	53	B. Tech. (Electrical and Electronics Engineering)	R164102A	Electrical Machine Modeling and Analysis
131	54	B. Tech. (Electrical and Electronics Engineering)	R164102B	Advanced Control Systems
132	55	B. Tech. (Electrical and Electronics Engineering)	R164102C	Programmable Logic Controllers and Applications
133	56	B. Tech. (Electrical and Electronics Engineering)	R164102D	Instrumentation
134	57	B. Tech. (Electrical and Electronics Engineering)	R164102E	Optimization Techniques
135	58	B. Tech. (Electrical and Electronics Engineering)	R164102F	Electric Power Quality
136	59	B. Tech. (Electrical and Electronics Engineering)	R164102G	Special Electrical Machines
137	60	B. Tech. (Electrical and Electronics Engineering)	R1642021	Digital Control Systems
138	61	B. Tech. (Electrical and Electronics Engineering)	R1642022	HVDC Transmission
139	62	B. Tech. (Electrical and Electronics Engineering)	R1642023	Electrical Distribution Systems
140	63	B. Tech. (Electrical and Electronics Engineering)	R1642025	Seminar

S. No	Program-wise S. No	Program Name	Course Code	Course Name
141	64	B. Tech. (Electrical and Electronics Engineering)	R1642026	Project
142	65	B. Tech. (Electrical and Electronics Engineering)	R164202A	High Voltage Engineering
143	66	B. Tech. (Electrical and Electronics Engineering)	R164202B	Flexible Alternating Current Transmission Systems
144	67	B. Tech. (Electrical and Electronics Engineering)	R164202C	Power System Reforms
145	1	B. Tech. (Mechanical Engineering)	171BS3T10	Probability and Statistics
146	2	B. Tech. (Mechanical Engineering)	171ES3L04	Thermal and Hydro Prime Movers Lab
147	3	B. Tech. (Mechanical Engineering)	171ES3L05	Basic Electrical And Electronics Engg. Lab
148	4	B. Tech. (Mechanical Engineering)	171ES3L06	Mechanics of Solids and Metallurgy Lab
149	5	B. Tech. (Mechanical Engineering)	171ES3L08	Networks and Electrical Technology Lab
150	6	B. Tech. (Mechanical Engineering)	171ES3L09	Basic Engineering Lab
151	7	B. Tech. (Mechanical Engineering)	171ES3L10	Geology and Surveying Lab
152	8	B. Tech. (Mechanical Engineering)	171ES3L11	Surveying and Leveling Lab
153	9	B. Tech. (Mechanical Engineering)	171ES3L12	Electrical and Electronics Lab
154	10	B. Tech. (Mechanical Engineering)	171ES3T05	Basic Electrical and Electronics Engineering
155	11	B. Tech. (Mechanical Engineering)	171ES3T09	Strength of Materials - I
156	12	B. Tech. (Mechanical Engineering)	171ES3T10	Thermal and Hydro Prime Movers
157	13	B. Tech. (Mechanical Engineering)	171ES3T11	Mechanics of Solids
158	14	B. Tech. (Mechanical Engineering)	171ES3T12	Thermodynamics
159	15	B. Tech. (Mechanical Engineering)	171ES3T13	Metallurgy and Materials Science
160	16	B. Tech. (Mechanical Engineering)	171ES3T15	Network Analysis
161	17	B. Tech. (Mechanical Engineering)	171ES3T19	Properties and Strength of Materials
162	18	B. Tech. (Mechanical Engineering)	171ES3T20	Electrical and Electronics Engineering
163	19	B. Tech. (Mechanical Engineering)	171ES3T21	Surveying and Leveling
164	20	B. Tech. (Mechanical Engineering)	171ES3T22	Material Engineering
165	21	B. Tech. (Mechanical Engineering)	171ES3T23	Digital Logic Design
166	22	B. Tech. (Mechanical Engineering)	171ES4L07	Fluid mechanics and Hydraulic Machinery Lab
167	23	B. Tech. (Mechanical Engineering)	171ES4L14	Fluid Mechanics and Open Channel Hydraulics Lab
168	24	B. Tech. (Mechanical Engineering)	171ES4L15	Machine Drawing and Computer Graphics Lab
169	25	B. Tech. (Mechanical Engineering)	171HS4A11	Employability Skills - II

S. No	Program-wise S. No	Program Name	Course Code	Course Name
170	26	B. Tech. (Mechanical Engineering)	171HS4T05	Management Science
171	27	B. Tech. (Mechanical Engineering)	171HS4T08	IPR and Patents
172	28	B. Tech. (Mechanical Engineering)	171HS5T04	Managerial Economics and Financial Analysis
173	29	B. Tech. (Mechanical Engineering)	171HS5T05	Management Science
174	30	B. Tech. (Mechanical Engineering)	171HS6T07	Employability skills - IV
175	31	B. Tech. (Mechanical Engineering)	171ME3T01	Computer Aided Engineering Drawing Practice
176	32	B. Tech. (Mechanical Engineering)	171ME4L01	Production Technology Lab
177	33	B. Tech. (Mechanical Engineering)	171ME4T02	Kinematics of Machinery
178	34	B. Tech. (Mechanical Engineering)	171ME4T03	Thermal Engineering -I
179	35	B. Tech. (Mechanical Engineering)	171ME4T04	Production Techniology
180	36	B. Tech. (Mechanical Engineering)	171ME4T05	Design of Machine members-I
181	37	B. Tech. (Mechanical Engineering)	171ME4T06	Industrial Engineering and Management
182	38	B. Tech. (Mechanical Engineering)	171ME4T07	Machine Drawing
183	39	B. Tech. (Mechanical Engineering)	171ME5E01	Automobile Engineering
184	40	B. Tech. (Mechanical Engineering)	171ME5E02	Mechanical Vibrations
185	41	B. Tech. (Mechanical Engineering)	171ME5E03	Additive Manufacturing
186	42	B. Tech. (Mechanical Engineering)	171ME5L02	Theory of Machines Lab
187	43	B. Tech. (Mechanical Engineering)	171ME5L03	Thermal Engineering Lab
188	44	B. Tech. (Mechanical Engineering)	171ME5S01	MOOCS-I
189	45	B. Tech. (Mechanical Engineering)	171ME5T08	Dynamics of Machinery
190	46	B. Tech. (Mechanical Engineering)	171ME5T09	Metal Cutting and Machine Tools
191	47	B. Tech. (Mechanical Engineering)	171ME5T10	Thermal Engineering -II
192	48	B. Tech. (Mechanical Engineering)	171ME5T11	Design of Machine members-II
193	49	B. Tech. (Mechanical Engineering)	171ME5T12	Operations Research
194	50	B. Tech. (Mechanical Engineering)	171ME6E04	Robotics
195	51	B. Tech. (Mechanical Engineering)	171ME6E05	Design for Manufacturing
196	52	B. Tech. (Mechanical Engineering)	171ME6E06	Non Destructive Evaluation
197	53	B. Tech. (Mechanical Engineering)	171ME6E07	Unconventional Machining Processes
198	54	B. Tech. (Mechanical Engineering)	171ME6E08	Industrial Hydraulics and Pnuematics

S. No	Program-wise S. No	Program Name	Course Code	Course Name
199	55	B. Tech. (Mechanical Engineering)	171ME6E09	Quality andReliability Engineering
200	56	B. Tech. (Mechanical Engineering)	171ME6L04	Machine Tools Lab
201	57	B. Tech. (Mechanical Engineering)	171ME6L05	Heat Transfer Lab
202	58	B. Tech. (Mechanical Engineering)	171ME6L06	Metrology and Instrumentation Lab
203	59	B. Tech. (Mechanical Engineering)	171ME6S02	MOOCS-II
204	60	B. Tech. (Mechanical Engineering)	171ME6T13	Heat Transfer
205	61	B. Tech. (Mechanical Engineering)	171ME6T14	Refrigeration and Air Conditioning
206	62	B. Tech. (Mechanical Engineering)	171ME6T15	Metrology and Instrumentation
207	63	B. Tech. (Mechanical Engineering)	191BS1L03	Applied Physics Lab
208	64	B. Tech. (Mechanical Engineering)	191BS2T09	Engineering Chemistry
209	65	B. Tech. (Mechanical Engineering)	191BS4T18	Probability & Statistics
210	66	B. Tech. (Mechanical Engineering)	191ES2L06	Electrical Engineering Workshop
211	67	B. Tech. (Mechanical Engineering)	191ES2T02	Engineering Graphics and Design
212	68	B. Tech. (Mechanical Engineering)	191HS1T01	Communicative English
213	69	B. Tech. (Mechanical Engineering)	R1641031	Mechatronics
214	70	B. Tech. (Mechanical Engineering)	R1641032	CAD/CAM
215	71	B. Tech. (Mechanical Engineering)	R1641033	Finite Element Methods
216	72	B. Tech. (Mechanical Engineering)	R1641034	Power Plant Engineering
217	73	B. Tech. (Mechanical Engineering)	R1641037	CAD/CAM Lab
218	74	B. Tech. (Mechanical Engineering)	R1641038	Mechatronics Lab
219	75	B. Tech. (Mechanical Engineering)	R164103A	Computational Fluid Dynamics
220	76	B. Tech. (Mechanical Engineering)	R164103B	Condition Monitoring
221	77	B. Tech. (Mechanical Engineering)	R164103C	Additive Manufacturing
222	78	B. Tech. (Mechanical Engineering)	R164103D	Advanced Materials
223	79	B. Tech. (Mechanical Engineering)	R164103E	Design for Manufacture
224	80	B. Tech. (Mechanical Engineering)	R164103F	Gas Dynamics and Jet Propulsion
225	81	B. Tech. (Mechanical Engineering)	R1642031	Production Planning and Control
226	82	B. Tech. (Mechanical Engineering)	R1642032	Unconventional Machining Processes
227	83	B. Tech. (Mechanical Engineering)	R1642033	Automobile Engineering

S. No	Program-wise S. No	Program Name	Course Code	Course Name
228	84	B. Tech. (Mechanical Engineering)	R1642036	Project
229	85	B. Tech. (Mechanical Engineering)	R164203A	Thermal Equipment Design
230	86	B. Tech. (Mechanical Engineering)	R164203B	Non Destructive Evaluation
231	87	B. Tech. (Mechanical Engineering)	R164203C	Quality andReliability Engineering
232	1	B. Tech. (Electronics and Communication Engineering)	171BS4T10	Probability and Statistics
233	2	B. Tech. (Electronics and Communication Engineering)	171EC3L01	Electronic Devices and Circuits Lab
234	3	B. Tech. (Electronics and Communication Engineering)	171EC3T01	Electronic Devices and Circuits
235	4	B. Tech. (Electronics and Communication Engineering)	171EC3T02	Switching Theory and Logic Design
236	5	B. Tech. (Electronics and Communication Engineering)	171EC3T03	Signals and Systems
237	6	B. Tech. (Electronics and Communication Engineering)	171EC3T04	Random Variables and Stochastic Processes
238	7	B. Tech. (Electronics and Communication Engineering)	171EC4L02	Electronic Circuit Analysis Lab
239	8	B. Tech. (Electronics and Communication Engineering)	171EC4L03	Analog Communications Lab
240	9	B. Tech. (Electronics and Communication Engineering)	171EC4T05	Electronic Circuit Analysis
241	10	B. Tech. (Electronics and Communication Engineering)	171EC4T06	Electromagnetic Waves and Transmission Lines
242	11	B. Tech. (Electronics and Communication Engineering)	171EC4T07	Analog Communications
243	12	B. Tech. (Electronics and Communication Engineering)	171EC4T08	Pulse and Digital Circuits
244	13	B. Tech. (Electronics and Communication Engineering)	171EC5E01	Computer Architecture and Organization
245	14	B. Tech. (Electronics and Communication Engineering)	171EC5E02	OOPS through JAVA
246	15	B. Tech. (Electronics and Communication Engineering)	171EC5E03	Electronic Switching Systems
247	16	B. Tech. (Electronics and Communication Engineering)	171EC5L04	Linear IC Applications Lab
248	17	B. Tech. (Electronics and Communication Engineering)	171EC5L05	Digital IC Applications Lab
249	18	B. Tech. (Electronics and Communication Engineering)	171EC5L06	Pulse and Digital Circuits Lab
250	19	B. Tech. (Electronics and Communication Engineering)	171EC5S01	MOOCs-I
251	20	B. Tech. (Electronics and Communication Engineering)	171EC5T09	Linear IC Applications
252	21	B. Tech. (Electronics and Communication Engineering)	171EC5T10	Digital IC Applications
253	22	B. Tech. (Electronics and Communication Engineering)	171EC5T11	Digital Communications
254	23	B. Tech. (Electronics and Communication Engineering)	171EC5T12	Antennas and Wave Propagation
255	24	B. Tech. (Electronics and Communication Engineering)	171EC6E04	CPLD and FPGA Architectures
256	25	B. Tech. (Electronics and Communication Engineering)	171EC6E05	Operating Systems

S. No	Program-wise S. No	Program Name	Course Code	Course Name
257	26	B. Tech. (Electronics and Communication Engineering)	171EC6E06	Computer Networks
258	27	B. Tech. (Electronics and Communication Engineering)	171EC6E07	Digital Design Through Verilog
259	28	B. Tech. (Electronics and Communication Engineering)	171EC6E08	Biomedical Engineering
260	29	B. Tech. (Electronics and Communication Engineering)	171EC6E09	Information Theory and Coding
261	30	B. Tech. (Electronics and Communication Engineering)	171EC6L07	Micro Processor and Micro Controllers Lab
262	31	B. Tech. (Electronics and Communication Engineering)	171EC6L08	VLSI lab
263	32	B. Tech. (Electronics and Communication Engineering)	171EC6L09	Digital Communications Lab
264	33	B. Tech. (Electronics and Communication Engineering)	171EC6S02	MOOCs-II
265	34	B. Tech. (Electronics and Communication Engineering)	171EC6T13	Micro Processors and MicroControllers
266	35	B. Tech. (Electronics and Communication Engineering)	171EC6T14	VLSI Design
267	36	B. Tech. (Electronics and Communication Engineering)	171EC6T15	Digital Signal Processing
268	37	B. Tech. (Electronics and Communication Engineering)	171ES3L13	Basic Mechanical Engineering Lab
269	38	B. Tech. (Electronics and Communication Engineering)	171ES3T14	Fluid Mechanics and Hydraulic Machinery
270	39	B. Tech. (Electronics and Communication Engineering)	171ES4T24	Digital Circuits and Logic Design
271	40	B. Tech. (Electronics and Communication Engineering)	171HS5T06	Employability Skills - III
272	41	B. Tech. (Electronics and Communication Engineering)	191BS1T01	Differential Equations and Linear Algebra
273	42	B. Tech. (Electronics and Communication Engineering)	191BS2T10	Numerical Methods and Complex Variables
274	43	B. Tech. (Electronics and Communication Engineering)	191BS4T19	Complex Variables and Statistical Methods
275	44	B. Tech. (Electronics and Communication Engineering)	191ES2L07	Mechanical Engineering Workshop
276	45	B. Tech. (Electronics and Communication Engineering)	191ES2T03	Essential Electrical and Electronics Engineering
277	46	B. Tech. (Electronics and Communication Engineering)	191HS2L02	Communicative English Lab- II
278	47	B. Tech. (Electronics and Communication Engineering)	R1641041	Radar Systems
279	48	B. Tech. (Electronics and Communication Engineering)	R1641042	Digital Image Processing
280	49	B. Tech. (Electronics and Communication Engineering)	R1641043	Computer Networks
281	50	B. Tech. (Electronics and Communication Engineering)	R1641044	Optical Communications
282	51	B. Tech. (Electronics and Communication Engineering)	R1641047	Micro Wave Engineering and Optical Lab
283	52	B. Tech. (Electronics and Communication Engineering)	R1641048	Digital Signal Processing Lab
284	53	B. Tech. (Electronics and Communication Engineering)	R164104A	TV Engineering
285	54	B. Tech. (Electronics and Communication Engineering)	R164104B	Electronic Switching Systems

S. No	Program-wise S. No	Program Name	Course Code	Course Name
286	55	B. Tech. (Electronics and Communication Engineering)	R164104C	System Design through Verilog
287	56	B. Tech. (Electronics and Communication Engineering)	R164104D	Embedded Systems
288	57	B. Tech. (Electronics and Communication Engineering)	R164104E	Analog IC Design
289	58	B. Tech. (Electronics and Communication Engineering)	R164104F	Network Security and Cryptography
290	59	B. Tech. (Electronics and Communication Engineering)	R1642041	Cellular Mobile Communications
291	60	B. Tech. (Electronics and Communication Engineering)	R1642042	Electronic Measurements and Instrumentation
292	61	B. Tech. (Electronics and Communication Engineering)	R1642043	Satellite Communications
293	62	B. Tech. (Electronics and Communication Engineering)	R164204B	Digital IC Design
294	1	B. Tech. (Computer Science and Engineering)	171BS3T08	Mathematical Foundations of Computer Science
295	2	B. Tech. (Computer Science and Engineering)	171CS3L01	Object Oriented Programming Lab
296	3	B. Tech. (Computer Science and Engineering)	171CS3L02	Advanced Data Structures Lab
297	4	B. Tech. (Computer Science and Engineering)	171CS3T02	Statistics with R Programming
298	5	B. Tech. (Computer Science and Engineering)	171CS3T03	Object Oriented Programming Through C++
299	6	B. Tech. (Computer Science and Engineering)	171CS3T04	Advanced Data Structures
300	7	B. Tech. (Computer Science and Engineering)	171CS4L03	Java Programming Lab
301	8	B. Tech. (Computer Science and Engineering)	171CS4L04	Database Management Systems Lab
302	9	B. Tech. (Computer Science and Engineering)	171CS4T05	Software Engineering
303	10	B. Tech. (Computer Science and Engineering)	171CS4T06	Formal Languages and Automata Theory
304	11	B. Tech. (Computer Science and Engineering)	171CS4T07	Java Programming
305	12	B. Tech. (Computer Science and Engineering)	171CS4T08	Database Management Systems
306	13	B. Tech. (Computer Science and Engineering)	171CS4T09	Principles of Programming Languages
307	14	B. Tech. (Computer Science and Engineering)	171CS4T10	Computer Organization
308	15	B. Tech. (Computer Science and Engineering)	171CS5E01	Unix and Shell Programming
309	16	B. Tech. (Computer Science and Engineering)	171CS5E02	Advanced Computer Architecture
310	17	B. Tech. (Computer Science and Engineering)	171CS5E03	Computer Graphics
311	18	B. Tech. (Computer Science and Engineering)	171CS5E04	Software Testing Methodologies
312	19	B. Tech. (Computer Science and Engineering)	171CS5L05	Operating System and Linux Lab
313	20	B. Tech. (Computer Science and Engineering)	171CS5L06	Python Programming Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
314	21	B. Tech. (Computer Science and Engineering)	171CS5L07	Software Testing Lab
315	22	B. Tech. (Computer Science and Engineering)	171CS5L08	Compiler Design Lab
316	23	B. Tech. (Computer Science and Engineering)	171CS5S01	MOOCS-I
317	24	B. Tech. (Computer Science and Engineering)	171CS5S02	MOOCS II
318	25	B. Tech. (Computer Science and Engineering)	171CS5T11	Compiler Design
319	26	B. Tech. (Computer Science and Engineering)	171CS5T12	Python Programming
320	27	B. Tech. (Computer Science and Engineering)	171CS5T13	Design and Analysis of Algorithms
321	28	B. Tech. (Computer Science and Engineering)	171CS5T14	Operating Systems
322	29	B. Tech. (Computer Science and Engineering)	171CS6E05	Software Quality Assurance
323	30	B. Tech. (Computer Science and Engineering)	171CS6E06	Bio Informatics
324	31	B. Tech. (Computer Science and Engineering)	171CS6E07	Human Computer Interaction
325	32	B. Tech. (Computer Science and Engineering)	171CS6E08	Social Networks and Semantic Web
326	33	B. Tech. (Computer Science and Engineering)	171CS6E09	Pattern Recognition
327	34	B. Tech. (Computer Science and Engineering)	171CS6E10	Parallel Computing
328	35	B. Tech. (Computer Science and Engineering)	171CS6E11	Storage Area Networks
329	36	B. Tech. (Computer Science and Engineering)	171CS6E12	E - Commerce
330	37	B. Tech. (Computer Science and Engineering)	171CS6L09	Computer Networks Lab
331	38	B. Tech. (Computer Science and Engineering)	171CS6L10	Data Warehousing and Data Mining Lab
332	39	B. Tech. (Computer Science and Engineering)	171CS6L11	Web Technologies Lab
333	40	B. Tech. (Computer Science and Engineering)	171CS6S02	MOOCs – II
334	41	B. Tech. (Computer Science and Engineering)	171CS6T15	Computer Networks
335	42	B. Tech. (Computer Science and Engineering)	171CS6T16	Web Technologies
336	43	B. Tech. (Computer Science and Engineering)	171CS6T17	Data Ware Housing and Data Mining
337	44	B. Tech. (Computer Science and Engineering)	171HS4A08	IPR and Patents
338	45	B. Tech. (Computer Science and Engineering)	191BS1T02	Engineering Physics
339	46	B. Tech. (Computer Science and Engineering)	191BS3T11	Integral Transforms and applications of pde
340	47	B. Tech. (Computer Science and Engineering)	191EE2T01	Electrical Circuits Analysis -I
341	48	B. Tech. (Computer Science and Engineering)	191ES2L08	Basic Electrical Engineering Lab
342	49	B. Tech. (Computer Science and Engineering)	191ES2T04	Engineering Mechanics

S. No	Program-wise S. No	Program Name	Course Code	Course Name
343	50	B. Tech. (Computer Science and Engineering)	191MC1A01	Environmental Science
344	51	B. Tech. (Computer Science and Engineering)	R1641051	Cryptography and Network Security
345	52	B. Tech. (Computer Science and Engineering)	R1641052	Software Architecture and Deisgn Patterns
346	53	B. Tech. (Computer Science and Engineering)	R1641053	Web Technologies
347	54	B. Tech. (Computer Science and Engineering)	R1641054	Managerial Economics and Financial Analysis
348	55	B. Tech. (Computer Science and Engineering)	R1641057	Software Architecures and Design Patterns Lab
349	56	B. Tech. (Computer Science and Engineering)	R1641058	Web Technologies Lab
350	57	B. Tech. (Computer Science and Engineering)	R164105A	Big Data Analytics
351	58	B. Tech. (Computer Science and Engineering)	R164105B	Information Retrieval Systems
352	59	B. Tech. (Computer Science and Engineering)	R164105C	Mobile Computing
353	60	B. Tech. (Computer Science and Engineering)	R164105D	Cloud Computing
354	61	B. Tech. (Computer Science and Engineering)	R164105E	Software Project Management
355	62	B. Tech. (Computer Science and Engineering)	R164105F	Scripting Languages
356	63	B. Tech. (Computer Science and Engineering)	R1642051	Distributed Systems
357	64	B. Tech. (Computer Science and Engineering)	R1642052	Management Science
358	65	B. Tech. (Computer Science and Engineering)	R1642053	Machine Learning
359	66	B. Tech. (Computer Science and Engineering)	R1642055	Seminar
360	67	B. Tech. (Computer Science and Engineering)	R1642056	Project
361	68	B. Tech. (Computer Science and Engineering)	R164205A	Concurrent and Parallel Programming
362	69	B. Tech. (Computer Science and Engineering)	R164205B	Artificial Neural Network
363	70	B. Tech. (Computer Science and Engineering)	R164205C	Operation Research
364	1	M. Tech. (Petroleum Engineering)	172PE3C01	Comprehensive Viva-Voce
365	2	M. Tech. (Petroleum Engineering)	172PE3R01	Seminar - I
366	3	M. Tech. (Petroleum Engineering)	172PE4R01	Project Work Part- - II
367	4	M. Tech. (Petroleum Engineering)	172PE4R02	Seminar - II
368	5	M. Tech. (Petroleum Engineering)	192PE1E01	Advanced Numerical Methods and Applied Statistics
369	6	M. Tech. (Petroleum Engineering)	192PE1E02	CBMand Shale Gas Engineering
370	7	M. Tech. (Petroleum Engineering)	192PE1E03	Transportation of Oil and Gas

S. No	Program-wise S. No	Program Name	Course Code	Course Name
371	8	M. Tech. (Petroleum Engineering)	192PE1E04	Advanced Well Logging Techniques and Well Testing Analysis
372	9	M. Tech. (Petroleum Engineering)	192PE1L01	Advanced Numerical Methods and
373	10	M. Tech. (Petroleum Engineering)	192PE1L02	Drilling Simulation Laboratory
374	11	M. Tech. (Petroleum Engineering)	192PE1T01	Offshore Drilling.
375	12	M. Tech. (Petroleum Engineering)	192PE1T02	Fundamentals of Petroleum Geology and Reservoir Engineering
376	13	M. Tech. (Petroleum Engineering)	192PE1T03	Reservoir Stimulation
377	14	M. Tech. (Petroleum Engineering)	192PE1T04	Petroleum Well Drilling and Production Engineering.
378	15	M. Tech. (Petroleum Engineering)	192PE2E05	Advanced EOR Techniques
379	16	M. Tech. (Petroleum Engineering)	192PE2E06	Advanced Well Completions
380	17	M. Tech. (Petroleum Engineering)	192PE2E07	Flow Assurance
381	18	M. Tech. (Petroleum Engineering)	192PE2E08	Advanced Horizontal Well Technology
382	19	M. Tech. (Petroleum Engineering)	192PE2L03	Reservoir Simulation Laboratory
383	20	M. Tech. (Petroleum Engineering)	192PE2L04	Flow Assurance Laboratory
384	21	M. Tech. (Petroleum Engineering)	192PE2P01	Mini Project with Seminar
385	22	M. Tech. (Petroleum Engineering)	192PE2T05	Artificial Lift Techniques
386	23	M. Tech. (Petroleum Engineering)	192PE2T06	Reservoir Modeling and Simulation
387	1	B. Tech. (Information Technology)	171IT4T01	Language Processors
388	2	B. Tech. (Information Technology)	171IT5E01	Artificial Intelligence
389	3	B. Tech. (Information Technology)	171IT5L01	Operating Systems and Computer Networks Lab
390	4	B. Tech. (Information Technology)	171IT5L02	Unix and Shell Programming Lab
391	5	B. Tech. (Information Technology)	171IT5S01	MOOCs – I
392	6	B. Tech. (Information Technology)	171IT5T02	Computer Networks
393	7	B. Tech. (Information Technology)	171IT5T03	Unix and Shell Programming
394	8	B. Tech. (Information Technology)	171IT6E02	Neural Networks
395	9	B. Tech. (Information Technology)	171IT6E03	Design and Analysis of Algorithms
396	10	B. Tech. (Information Technology)	171IT6E04	Advanced Computer Networks
397	11	B. Tech. (Information Technology)	171IT6E05	Multimedia Programming
398	12	B. Tech. (Information Technology)	171IT6L03	Unified Modeling Language Lab
399	13	B. Tech. (Information Technology)	171IT6T04	Object Oriented Analysis and Design Using UML

S. No	Program-wise S. No	Program Name	Course Code	Course Name
400	14	B. Tech. (Information Technology)	191BS1T03	Applied Physics
401	15	B. Tech. (Information Technology)	191BS3T12	Transform Techniques
402	16	B. Tech. (Information Technology)	191ES1L01	Programming for problem solving using C Lab
403	17	B. Tech. (Information Technology)	191ES2L09	Electronics Engineering Workshop
404	18	B. Tech. (Information Technology)	191ES2T05	Data Structures Through C
405	19	B. Tech. (Information Technology)	191MC1A02	Constitution of India
406	20	B. Tech. (Information Technology)	R1641121	Data Ware Housing and Business Intelligence
407	21	B. Tech. (Information Technology)	R1641127	Mobile Computing Lab
408	22	B. Tech. (Information Technology)	R1641128	Cryptography and Network Security Lab
409	23	B. Tech. (Information Technology)	R164112A	Internet of Things
410	24	B. Tech. (Information Technology)	R164112B	Multimedia Programming
411	25	B. Tech. (Information Technology)	R164112C	Machine Learning
412	26	B. Tech. (Information Technology)	R164112D	Decision Support System
413	27	B. Tech. (Information Technology)	R1642121	Management Information System
414	28	B. Tech. (Information Technology)	R164212A	Cyber Security
415	29	B. Tech. (Information Technology)	R164212B	Software Quality Assurance
416	1	M. Tech. (Thermal Engineering)	172TE3C01	Comprehensive Viva-Voce
417	2	M. Tech. (Thermal Engineering)	172TE3R01	Seminar – I
418	3	M. Tech. (Thermal Engineering)	172TE4C02	Seminar – II
419	4	M. Tech. (Thermal Engineering)	172TE4P01	Project Work Part - II
420	5	M. Tech. (Thermal Engineering)	192TE1E01	Advanced IC Engines, Electric and Hybrid vehicles
421	6	M. Tech. (Thermal Engineering)	192TE1E02	Gas Dynamics
422	7	M. Tech. (Thermal Engineering)	192TE1E03	Cryogenic Engineering
423	8	M. Tech. (Thermal Engineering)	192TE1E04	Advanced Thermodynamics
424	9	M. Tech. (Thermal Engineering)	192TE1E05	Gas Turbines
425	10	M. Tech. (Thermal Engineering)	192TE1E06	Alternative Fuel Technologies
426	11	M. Tech. (Thermal Engineering)	192TE1E07	Energy Conservation and Management
427	12	M. Tech. (Thermal Engineering)	192TE1E08	Theory and Technology of Fuel Cells
428	13	M. Tech. (Thermal Engineering)	192TE1L01	Computational Fluid Dynamics Lab-I

S. No	Program-wise S. No	Program Name	Course Code	Course Name
429	14	M. Tech. (Thermal Engineering)	192TE1T01	Advanced Fluid Mechanics
430	15	M. Tech. (Thermal Engineering)	192TE1T02	Computational Fluid Dynamics
431	16	M. Tech. (Thermal Engineering)	192TE2E09	Equipment Design for Thermal Systems
432	17	M. Tech. (Thermal Engineering)	192TE2E10	Solar Energy Technologies
433	18	M. Tech. (Thermal Engineering)	192TE2E11	Advanced Power Plant Engineering
434	19	M. Tech. (Thermal Engineering)	192TE2E12	Combustion, Emissions and Environment
435	20	M. Tech. (Thermal Engineering)	192TE2E13	Jet propulsion and Rocket Engineering
436	21	M. Tech. (Thermal Engineering)	192TE2E14	Automotive Engineering
437	22	M. Tech. (Thermal Engineering)	192TE2E15	Modeling and I.C.Engines
438	23	M. Tech. (Thermal Engineering)	192TE2E16	Renewable Energy Technologies
439	24	M. Tech. (Thermal Engineering)	192TE2L03	Computational Fluid Dynamics Lab-II
440	25	M. Tech. (Thermal Engineering)	192TE2L04	Thermal Engineering Lab -II
441	26	M. Tech. (Thermal Engineering)	192TE2P01	Mini Project with Seminar
442	27	M. Tech. (Thermal Engineering)	192TE2T03	Advanced Heat Transfer
443	28	M. Tech. (Thermal Engineering)	192TE2T04	Thermal Measurements and Process Controls
444	29	M. Tech. (Thermal Engineering)	19TE1L02	Thermal Engineering Lab -1
445	1	M. Tech. (Software Engineering)	171SO3C01	Comprehensive Viva-Voce
446	2	M. Tech. (Software Engineering)	171SO3R01	Seminar - I
447	3	M. Tech. (Software Engineering)	171SO4P01	Project Work Part- - II
448	4	M. Tech. (Software Engineering)	171SO4R02	Seminar - II
449	5	M. Tech. (Software Engineering)	192SE2L03	Software Testing Lab
450	6	M. Tech. (Software Engineering)	192SE2L04	Software Engineering Lab – II
451	7	M. Tech. (Software Engineering)	192SE2P01	Mini Project with Seminar
452	8	M. Tech. (Software Engineering)	192SO1E01	Software Project and Process Management
453	9	M. Tech. (Software Engineering)	192SO1E02	Machine Learning
454	10	M. Tech. (Software Engineering)	192SO1E03	E-Commerce
455	11	M. Tech. (Software Engineering)	192SO1E04	Software Quality Assurance and Testing
456	12	M. Tech. (Software Engineering)	192SO1E05	Cloud Computing
457	13	M. Tech. (Software Engineering)	192SO1L01	Advanced Data Structures Lab

S. No	Program-wise S. No	Program Name	Course Code	Course Name
458	14	M. Tech. (Software Engineering)	192SO1L02	Software Engineering Lab – I
459	15	M. Tech. (Software Engineering)	192SO1T01	Software Engineering
460	16	M. Tech. (Software Engineering)	192SO1T02	Advanced Data Structures
461	17	M. Tech. (Software Engineering)	192SO2E06	Software Testing Methodologies
462	18	M. Tech. (Software Engineering)	192SO2E07	Agile Software Development
463	19	M. Tech. (Software Engineering)	192SO2E08	ERP and Supply Chain Management
464	20	M. Tech. (Software Engineering)	192SO2E09	Secure Software Engineering
465	21	M. Tech. (Software Engineering)	192SO2E10	Big Data Analytics
466	22	M. Tech. (Software Engineering)	192SO2E11	Design Patterns
467	23	M. Tech. (Software Engineering)	192SO2T03	Service Oriented Architecture
468	24	M. Tech. (Software Engineering)	192SO2T04	Mathematical Foundations of Computer Science
469	1	B. Tech. (Mining Engineering)	171MI3T01	Introduction To Mining Technology
470	2	B. Tech. (Mining Engineering)	171MI3T02	Basic Mechanical Engineering For Mines
471	3	B. Tech. (Mining Engineering)	171MI3T03	Mining Geology-I
472	4	B. Tech. (Mining Engineering)	171MI4L01	Geology Lab
473	5	B. Tech. (Mining Engineering)	171MI4L02	Computer Application In Mining Lab
474	6	B. Tech. (Mining Engineering)	171MI4T04	Computer Application In Mining
475	7	B. Tech. (Mining Engineering)	171MI4T05	Mining Geology –II
476	8	B. Tech. (Mining Engineering)	171MI4T06	Mine Surveying – I
477	9	B. Tech. (Mining Engineering)	171MI4T07	Surface Mining
478	10	B. Tech. (Mining Engineering)	171MI4T08	Fundamentals Of Rock Mechanics
479	11	B. Tech. (Mining Engineering)	171MI5E01	Maintenance and Reliability Engineering
480	12	B. Tech. (Mining Engineering)	171MI5E02	Mine Construction and Management
481	13	B. Tech. (Mining Engineering)	171MI5E03	Industrial Management and Labor Relations
482	14	B. Tech. (Mining Engineering)	171MI5L03	Rock Mechanics Lab
483	15	B. Tech. (Mining Engineering)	171MI5L04	Mine Surveying Lab
484	16	B. Tech. (Mining Engineering)	171MI5T09	Under Ground Coal Mining Technology
485	17	B. Tech. (Mining Engineering)	171MI5T10	Mine Environment Engineering - I
486	18	B. Tech. (Mining Engineering)	171MI5T11	Basic Geo Mechanics

S. No	Program-wise S. No	Program Name	Course Code	Course Name
487	19	B. Tech. (Mining Engineering)	171MI5T12	Mine Surveying - II
488	20	B. Tech. (Mining Engineering)	171MI6E04	Advanced Geo Mechanics
489	21	B. Tech. (Mining Engineering)	171MI6E05	Mine Fire and Spontaneous
490	22	B. Tech. (Mining Engineering)	171MI6E06	Mineral Exploration
491	23	B. Tech. (Mining Engineering)	171MI6E07	Advance Surveying Technology
492	24	B. Tech. (Mining Engineering)	171MI6E08	Mine Subsidence Engineering
493	25	B. Tech. (Mining Engineering)	171MI6E09	Rock Fragmentation Engineering
494	26	B. Tech. (Mining Engineering)	171MI6L05	Mineral Processing Technology Lab
495	27	B. Tech. (Mining Engineering)	171MI6L06	Environmental Engineering Lab
496	28	B. Tech. (Mining Engineering)	171MI6T13	Under Ground Metal Mining Technology
497	29	B. Tech. (Mining Engineering)	171MI6T14	Mineral Processing Technology
498	30	B. Tech. (Mining Engineering)	171MI6T15	Mine Environment Engineering - II
499	31	B. Tech. (Mining Engineering)	171MI6T16	Mining Machinery
500	32	B. Tech. (Mining Engineering)	191BS2L05	Applied Physics Lab
501	33	B. Tech. (Mining Engineering)	191BS3T15	Numerical Methods and Integral Transforms
502	34	B. Tech. (Mining Engineering)	191ES2L03	Essential Electrical and Electronics Engineering Lab
503	35	B. Tech. (Mining Engineering)	191ES2L12	Mining Engineering Workshop
504	36	B. Tech. (Mining Engineering)	191ES2T08	Network Analysis
505	37	B. Tech. (Mining Engineering)	R1632269	Industrial Training (3-4weeks)
506	38	B. Tech. (Mining Engineering)	R1641261	Computer Applications in Mining
507	39	B. Tech. (Mining Engineering)	R1641262	Underground Metal Mining Technology
508	40	B. Tech. (Mining Engineering)	R1641263	Rock Mechanics and Ground Control
509	41	B. Tech. (Mining Engineering)	R1641264	Mine Legislation and General Safety
510	42	B. Tech. (Mining Engineering)	R1641267	Computer Applications in Mining Lab
511	43	B. Tech. (Mining Engineering)	R1641268	Rock Mechanics and Ground Control Lab
512	44	B. Tech. (Mining Engineering)	R164126A	Rock Slope Engineering
513	45	B. Tech. (Mining Engineering)	R164126B	Mine Subsidence Engineering
514	46	B. Tech. (Mining Engineering)	R164126C	Rock Fragmentation Engineering
515	47	B. Tech. (Mining Engineering)	R164126D	Deep Sea Mining

S. No	Program-wise S. No	Program Name	Course Code	Course Name
516	48	B. Tech. (Mining Engineering)	R164126E	Mine Construction Engineering
517	49	B. Tech. (Mining Engineering)	R164126F	Tunneling Engineering
518	50	B. Tech. (Mining Engineering)	R1642261	Mine Economics and Investment
519	51	B. Tech. (Mining Engineering)	R1642262	Mine Health and Safety Engineering
520	52	B. Tech. (Mining Engineering)	R1642265	Seminar
521	53	B. Tech. (Mining Engineering)	R1642266	Project
522	54	B. Tech. (Mining Engineering)	R164226A	Planning of Underground Metal Mining Projects
523	55	B. Tech. (Mining Engineering)	R164226B	Planning of Underground Coal Mining Projects
524	56	B. Tech. (Mining Engineering)	R164226C	Planning of Surface Mining Projects
525	1	B. Tech. (Petroleum Technology)	171ES4T28	Linear Control Systems
526	2	B. Tech. (Petroleum Technology)	171HS3A09	Professional Ethics and Human Values
527	3	B. Tech. (Petroleum Technology)	171PT3T01	Chemical Process Calculations
528	4	B. Tech. (Petroleum Technology)	171PT4L01	Momentum Transfer Lab
529	5	B. Tech. (Petroleum Technology)	171PT4L02	Process Heat Transfer Lab
530	6	B. Tech. (Petroleum Technology)	171PT4T02	Momentum Transfer
531	7	B. Tech. (Petroleum Technology)	171PT4T03	Petroleum Geology
532	8	B. Tech. (Petroleum Technology)	171PT4T04	Thermodynamics for Petroleum Engineers
533	9	B. Tech. (Petroleum Technology)	171PT4T05	Process Heat Transfer
534	10	B. Tech. (Petroleum Technology)	171PT5E01	Well Engineering and Design
535	11	B. Tech. (Petroleum Technology)	171PT5E02	Fundamentals of Liquefied Natural Gas
536	12	B. Tech. (Petroleum Technology)	171PT5E03	Pipeline Engineering
537	13	B. Tech. (Petroleum Technology)	171PT5L03	Instrumentation, Process Dynamics and Control Lab
538	14	B. Tech. (Petroleum Technology)	171PT5L04	Drilling Fluids Lab
539	15	B. Tech. (Petroleum Technology)	171PT5T06	Process Dynamics and Control
540	16	B. Tech. (Petroleum Technology)	171PT5T07	Petroleum Exploration
541	17	B. Tech. (Petroleum Technology)	171PT5T08	Process Instrumentation
542	18	B. Tech. (Petroleum Technology)	171PT5T09	Well Logging and Formation Evaluation
543	19	B. Tech. (Petroleum Technology)	171PT5T10	Drilling Technology
544	20	B. Tech. (Petroleum Technology)	171PT6E04	Petroleum Refining and Petrochemical Engineering

S. No	Program-wise S. No	Program Name	Course Code	Course Name
545	21	B. Tech. (Petroleum Technology)	171PT6E05	Storage and Transportation of Crude Oil and Natural Gas.
546	22	B. Tech. (Petroleum Technology)	171PT6E06	Reservoir Stimulation
547	23	B. Tech. (Petroleum Technology)	171PT6E07	Natural Gas Hydrates
548	24	B. Tech. (Petroleum Technology)	171PT6E08	Natural Gas Engineering
549	25	B. Tech. (Petroleum Technology)	171PT6E09	Horizontal Well Technology
550	26	B. Tech. (Petroleum Technology)	171PT6L05	Petroleum Analysis Lab
551	27	B. Tech. (Petroleum Technology)	171PT6L06	Petroleum Réservoir Simulation Lab
552	28	B. Tech. (Petroleum Technology)	171PT6T11	Well Completions, Testing and Services
553	29	B. Tech. (Petroleum Technology)	171PT6T12	Petroleum Production Engineering
554	30	B. Tech. (Petroleum Technology)	171PT6T13	Petroleum Reservoir Engineering - I
555	31	B. Tech. (Petroleum Technology)	171PT6T14	Surface Production Operations
556	32	B. Tech. (Petroleum Technology)	191BS1T04	Engineering Chemistry
557	33	B. Tech. (Petroleum Technology)	191BS3T13	Numerical Methods and Complex Variables
558	34	B. Tech. (Petroleum Technology)	191ES1L02	Basic Engineering Workshop
559	35	B. Tech. (Petroleum Technology)	191ES2L10	Data Structures Through C++ Lab
560	36	B. Tech. (Petroleum Technology)	191ES2T06	Basic Civil and Mechanical Engineering
561	37	B. Tech. (Petroleum Technology)	191PR2P01	Engineering Exploration Project
562	38	B. Tech. (Petroleum Technology)	R1641271	Integrated Asset Management
563	39	B. Tech. (Petroleum Technology)	R1641272	Petroleum Reservoir Engineering-II
564	40	B. Tech. (Petroleum Technology)	R1641273	Surface Production Operations
565	41	B. Tech. (Petroleum Technology)	R1641274	Oil and Gas Processing Plant Design
566	42	B. Tech. (Petroleum Technology)	R1641277	Petroleum Equipment Design and Simulation Lab
567	43	B. Tech. (Petroleum Technology)	R1641278	Petroleum Réservoir Simulation Lab
568	44	B. Tech. (Petroleum Technology)	R164127A	Natural Gas Hydrates
569	45	B. Tech. (Petroleum Technology)	R164127B	pipeline enginnering
570	46	B. Tech. (Petroleum Technology)	R164127C	Horizontal well technology
571	47	B. Tech. (Petroleum Technology)	R164127D	Coal Bed Methane Engineering
572	48	B. Tech. (Petroleum Technology)	R164127E	Offshore enginnering
573	49	B. Tech. (Petroleum Technology)	R164127F	Reservoir stimulation

S. No	Program-wise S. No	Program Name	Course Code	Course Name
574	50	B. Tech. (Petroleum Technology)	R1642271	EOR Techniques
575	51	B. Tech. (Petroleum Technology)	R1642272	HSE and FE in Petroleum Industry
576	52	B. Tech. (Petroleum Technology)	R1642273	Petroleum Economics Policies and Regulations
577	53	B. Tech. (Petroleum Technology)	R1642275	Seminar(SIP Report Presentation)
578	54	B. Tech. (Petroleum Technology)	R1642276	Project
579	55	B. Tech. (Petroleum Technology)	R164227A	Shale Gas Reservoir Engineering
580	56	B. Tech. (Petroleum Technology)	R164227B	Subsea Engineering
581	57	B. Tech. (Petroleum Technology)	R164227C	Reservoir Modeling & Simulation
582	1	B. Tech. (Agricultural Engineering)	171AG3L01	Soil Science and Agronomy Field Lab
583	2	B. Tech. (Agricultural Engineering)	171AG3T01	Principles of Soil Science and Agronomy
584	3	B. Tech. (Agricultural Engineering)	171AG3T02	Renewable Energy Sources
585	4	B. Tech. (Agricultural Engineering)	171AG3T03	Ground Water Hydrology , Wells and Pumps
586	5	B. Tech. (Agricultural Engineering)	171AG4T04	Thermodynamics and Refrigeration Systems
587	6	B. Tech. (Agricultural Engineering)	171AG4T05	Heat and Mass Transfer
588	7	B. Tech. (Agricultural Engineering)	171AG4T06	Soil Mechanics
589	8	B. Tech. (Agricultural Engineering)	171AG4T07	Surface Water Hydrology
590	9	B. Tech. (Agricultural Engineering)	171AG4T08	Engineering Properties of Biological Materials and Food Quality
591	10	B. Tech. (Agricultural Engineering)	171AG5E01	Agro Industries and Bi-Product Utilization
592	11	B. Tech. (Agricultural Engineering)	171AG5E02	Rural Water Supply, Sanitation and Environmental Engineering
593	12	B. Tech. (Agricultural Engineering)	171AG5L02	Agricultural Process Engineering Lab
594	13	B. Tech. (Agricultural Engineering)	171AG5L03	Field Operation and Maintenance of Tractors Lab
595	14	B. Tech. (Agricultural Engineering)	171AG5S01	MOOCs – I
596	15	B. Tech. (Agricultural Engineering)	171AG5T09	Theory of Structures
597	16	B. Tech. (Agricultural Engineering)	171AG5T10	Irrigation and Drainage Engineering
598	17	B. Tech. (Agricultural Engineering)	171AG5T11	Agricultural Process Engineering
599	18	B. Tech. (Agricultural Engineering)	171AG5T12	Agricultural Extension Techniques and Business Management
600	19	B. Tech. (Agricultural Engineering)	171AG5T13	Farm Power and Tractor Systems
601	20	B. Tech. (Agricultural Engineering)	171AG6E03	GIS and Remote Sensing
602	21	B. Tech. (Agricultural Engineering)	171AG6E04	Human Engineering and Safety

S. No	Program-wise S. No	Program Name	Course Code	Course Name
603	22	B. Tech. (Agricultural Engineering)	171AG6E05	Production Technology of Agricultural Machinery
604	23	B. Tech. (Agricultural Engineering)	171AG6E06	Green House / Poly House Technology
605	24	B. Tech. (Agricultural Engineering)	171AG6E07	Optimization, Operations Research and Systems Engineering
606	25	B. Tech. (Agricultural Engineering)	171AG6E08	Industrial Engineering and Management
607	26	B. Tech. (Agricultural Engineering)	171AG6L04	Farm Machinery Lab - I
608	27	B. Tech. (Agricultural Engineering)	171AG6L05	Soil and Water Engineering Lab
609	28	B. Tech. (Agricultural Engineering)	171AG6S02	MOOCs - II
610	29	B. Tech. (Agricultural Engineering)	171AG6T14	Soil and Water Conservation Engineering
611	30	B. Tech. (Agricultural Engineering)	171AG6T15	Farm Machinery and Equipment – I
612	31	B. Tech. (Agricultural Engineering)	171AG6T16	Design of Soil, Water Conservation and Farm Structures
613	32	B. Tech. (Agricultural Engineering)	171AG6T17	Post Harvest Engineering for Horticulture Produce
614	33	B. Tech. (Agricultural Engineering)	191BS2L04	Engineering Chemistry Lab
615	34	B. Tech. (Agricultural Engineering)	191BS3T14	Discrete Mathematics
616	35	B. Tech. (Agricultural Engineering)	191ES1T01	Programming For Problem Solving Using C
617	36	B. Tech. (Agricultural Engineering)	191ES2L11	IT Workshop
618	37	B. Tech. (Agricultural Engineering)	191ES2T07	Basic Electrical Engineering
619	38	B. Tech. (Agricultural Engineering)	R1641351	Micro Irrigation Engineering
620	39	B. Tech. (Agricultural Engineering)	R1641352	Farm Machinery and Equipments-II
621	40	B. Tech. (Agricultural Engineering)	R1641353	Post Harvest Engineering for Horticulture Produce
622	41	B. Tech. (Agricultural Engineering)	R1641354	Mechanical Measurements and Instrumentation
623	42	B. Tech. (Agricultural Engineering)	R1641357	Farm Machinery Lab-2
624	43	B. Tech. (Agricultural Engineering)	R1641358	Dairy and Food Engineering Lab
625	44	B. Tech. (Agricultural Engineering)	R164135A	Seed Processing and Storage Engineering
626	45	B. Tech. (Agricultural Engineering)	R164135B	Green House Technologies
627	46	B. Tech. (Agricultural Engineering)	R164135C	Food Processing Plant Design and Layout
628	47	B. Tech. (Agricultural Engineering)	R164135D	Watershed Management
629	48	B. Tech. (Agricultural Engineering)	R164135E	Food Packaging Technology
630	49	B. Tech. (Agricultural Engineering)	R164135F	Minor Irrigation and Command area development
631	50	B. Tech. (Agricultural Engineering)	R1642351	Design of Agricultural Machinery

S. No	Program-wise S. No	Program Name	Course Code	Course Name
632	51	B. Tech. (Agricultural Engineering)	R1642352	Agricultural Extension Techniques and Business Managemet
633	52	B. Tech. (Agricultural Engineering)	R1642353	Agro Industries and Bi-product Utilization
634	53	B. Tech. (Agricultural Engineering)	R1642355	Seminar
635	54	B. Tech. (Agricultural Engineering)	R1642356	Project
636	55	B. Tech. (Agricultural Engineering)	R164235A	GIS and remote sensing
637	56	B. Tech. (Agricultural Engineering)	R164235B	Human Engineering and safety
638	57	B. Tech. (Agricultural Engineering)	R164235C	Production Technology of Agricultural Machinery
639	1	M. Tech. (Power Electronics and Drives)	172PD3C01	Comprehensive Viva-Voce
640	2	M. Tech. (Power Electronics and Drives)	172PD3P01	Project Work Part – I
641	3	M. Tech. (Power Electronics and Drives)	172PD3R01	Seminar – I
642	4	M. Tech. (Power Electronics and Drives)	172PD4P01	Project Work Part- - II
643	5	M. Tech. (Power Electronics and Drives)	172PD4R02	Seminar – II
644	6	M. Tech. (Power Electronics and Drives)	192PD1E01	Modern Control Theory
645	7	M. Tech. (Power Electronics and Drives)	192PD1E02	Power Quality and Custom Power Devices
646	8	M. Tech. (Power Electronics and Drives)	192PD1E03	Programmable Logic Controllers and Applications
647	9	M. Tech. (Power Electronics and Drives)	192PD1E04	Artificial Intelligence Techniques
648	10	M. Tech. (Power Electronics and Drives)	192PD1E05	Renewable Energy Technologies
649	11	M. Tech. (Power Electronics and Drives)	192PD1E06	HVDC Transmission and Flexible AC Transmission Systems
650	12	M. Tech. (Power Electronics and Drives)	192PD1L01	Power Electronics Simulation Laboratory
651	13	M. Tech. (Power Electronics and Drives)	192PD1L02	Power Converters Laboratory
652	14	M. Tech. (Power Electronics and Drives)	192PD1T01	Electrical Machine Modeling and Analysis
653	15	M. Tech. (Power Electronics and Drives)	192PD1T02	Analysis of Power Electronic Converters
654	16	M. Tech. (Power Electronics and Drives)	192PD2E07	Control and Integration of Renewable Energy Systems
655	17	M. Tech. (Power Electronics and Drives)	192PD2E08	Hybrid Electric Vehicles
656	18	M. Tech. (Power Electronics and Drives)	192PD2E09	Digital Control Systems
657	19	M. Tech. (Power Electronics and Drives)	192PD2E10	Advanced Digital Signal Processing
658	20	M. Tech. (Power Electronics and Drives)	192PD2E11	Applications of Power Converters
659	21	M. Tech. (Power Electronics and Drives)	192PD2E12	Microcontrollers
660	22	M. Tech. (Power Electronics and Drives)	192PD2L03	Electric Drives Simulation Laboratory

S. No	Program-wise S. No	Program Name	Course Code	Course Name
661	23	M. Tech. (Power Electronics and Drives)	192PD2L04	Electric Drives Laboratory
662	24	M. Tech. (Power Electronics and Drives)	192PD2P01	Mini Project with Seminar
663	25	M. Tech. (Power Electronics and Drives)	192PD2T03	Switched Mode Power Conversion
664	26	M. Tech. (Power Electronics and Drives)	192PD2T04	Power Electronic Control of Electrical Drives
665	27	M. Tech. (Power Electronics and Drives)	92PD2P01	Mini Project with Seminar
666	1	M. Tech. (Embedded Systems)	172EM3C01	Comprehensive Viva-Voce
667	2	M. Tech. (Embedded Systems)	172EM3R01	Seminar - I
668	3	M. Tech. (Embedded Systems)	172EM4P01	Project Work Part- - II
669	4	M. Tech. (Embedded Systems)	192EM1E01	Digital Signal and Image Processing
670	5	M. Tech. (Embedded Systems)	192EM1E02	Parallel Processing
671	6	M. Tech. (Embedded Systems)	192EM1E03	VLSI signal processing
672	7	M. Tech. (Embedded Systems)	192EM1E04	Programming Languages for Embedded Systems
673	8	M. Tech. (Embedded Systems)	192EM1E05	System Design with Embedded Linux
674	9	M. Tech. (Embedded Systems)	192EM1E06	CAD for Digital System
675	10	M. Tech. (Embedded Systems)	192EM1L01	Embedded System Design Lab (using Embedded-C)
676	11	M. Tech. (Embedded Systems)	192EM1L02	Microcontrollers and Programmable Digital Signal Processors Lab
677	12	M. Tech. (Embedded Systems)	192EM1T01	Embedded System Design
678	13	M. Tech. (Embedded Systems)	192EM1T02	Microcontrollers and Programmable Digital Signal Processors
679	14	M. Tech. (Embedded Systems)	192EM2E07	Memory Architectures
680	15	M. Tech. (Embedded Systems)	192EM2E08	SoC Design
681	16	M. Tech. (Embedded Systems)	192EM2E09	Sensors andActuators
682	17	M. Tech. (Embedded Systems)	192EM2E10	Communication Buses and Interfaces
683	18	M. Tech. (Embedded Systems)	192EM2E11	Network Security and Cryptography
684	19	M. Tech. (Embedded Systems)	192EM2E12	Physical design automation
685	20	M. Tech. (Embedded Systems)	192EM2L03	Real Time Operating Systems Lab
686	21	M. Tech. (Embedded Systems)	192EM2L04	Digital System Design Lab
687	22	M. Tech. (Embedded Systems)	192EM2P01	Mini Project with Seminar
688	23	M. Tech. (Embedded Systems)	192EM2T03	Digital System Design
689	24	M. Tech. (Embedded Systems)	192EM2T04	Real Time Operating Systems

S. No	Program-wise S. No	Program Name	Course Code	Course Name
690	25	M. Tech. (Embedded Systems)	192HS1T01	Research Methodology and IPR
691	1	M. Tech. (Computer Science & Engineering)	172C04P01	Project Work Part- - II
692	2	M. Tech. (Computer Science & Engineering)	172CO3C01	Comprehensive Viva-Voce
693	3	M. Tech. (Computer Science & Engineering)	172CO3R01	Seminar - I
694	4	M. Tech. (Computer Science & Engineering)	172CO4R02	Seminar - II
695	5	M. Tech. (Computer Science & Engineering)	192CO1E05	Internet of Things
696	6	M. Tech. (Computer Science & Engineering)	192CS1E01	Big Data Analytics
697	7	M. Tech. (Computer Science & Engineering)	192CS1E02	Digital Image Processing
698	8	M. Tech. (Computer Science & Engineering)	192CS1E03	Advanced Operating Systems
699	9	M. Tech. (Computer Science & Engineering)	192CS1E04	Advanced Computer Networks
700	10	M. Tech. (Computer Science & Engineering)	192CS1E05	Internet of Things
701	11	M. Tech. (Computer Science & Engineering)	192CS1E06	Object Oriented Software Engineering
702	12	M. Tech. (Computer Science & Engineering)	192CS1L01	Advanced Data Structures and Algorithms Lab
703	13	M. Tech. (Computer Science & Engineering)	192CS1L02	Advanced Computing Lab
704	14	M. Tech. (Computer Science & Engineering)	192CS1T01	Mathematical Foundations of Computer Science
705	15	M. Tech. (Computer Science & Engineering)	192CS1T02	Advanced Data Structures and Algorithms
706	16	M. Tech. (Computer Science & Engineering)	192CS2E07	Advanced Databases and Mining
707	17	M. Tech. (Computer Science & Engineering)	192CS2E08	Ad Hoc and Sensor Networks
708	18	M. Tech. (Computer Science & Engineering)	192CS2E09	Soft Computing
709	19	M. Tech. (Computer Science & Engineering)	192CS2E10	Cloud Computing
710	20	M. Tech. (Computer Science & Engineering)	192CS2E11	Principles of computer security
711	21	M. Tech. (Computer Science & Engineering)	192CS2E12	High Performance Computing
712	22	M. Tech. (Computer Science & Engineering)	192CS2L03	Machine Learning with Python lab
713	23	M. Tech. (Computer Science & Engineering)	192CS2L04	MEAN Stack Technologies Lab
714	24	M. Tech. (Computer Science & Engineering)	192CS2P01	Mini Project with Seminar
715	25	M. Tech. (Computer Science & Engineering)	192CS2T03	Machine learning
716	26	M. Tech. (Computer Science & Engineering)	192HS2T04	MEAN Stack Technologies
717	1	M. Tech. (VLSI Design)	172VD4P01	Project Work Part - II

S. No	Program-wise S. No	Program Name	Course Code	Course Name
718	2	M. Tech. (VLSI Design)	192MC1A01	English for Research Paper Writing
719	3	M. Tech. (VLSI Design)	192MC1A02	Disaster Management
720	4	M. Tech. (VLSI Design)	192MC1A03	Sanskrit for Technical Knowledge
721	5	M. Tech. (VLSI Design)	192MC1A04	Value Education
722	6	M. Tech. (VLSI Design)	192MC1A05	Constitution of India
723	7	M. Tech. (VLSI Design)	192MC1A06	Pedagogy Studies
724	8	M. Tech. (VLSI Design)	192MC1A07	Stress Management by Yoga
725	9	M. Tech. (VLSI Design)	192MC1A08	Personality Development through Life Enlightenment Skills
726	10	M. Tech. (VLSI Design)	192MC1A09	Soft Skills
727	11	M. Tech. (VLSI Design)	192MC2A01	English for Research Paper Writing
728	12	M. Tech. (VLSI Design)	192MC2A02	Disaster Management
729	13	M. Tech. (VLSI Design)	192MC2A03	Sanskrit for Technical Knowledge
730	14	M. Tech. (VLSI Design)	192MC2A04	Value Education
731	15	M. Tech. (VLSI Design)	192MC2A05	Constitution of India
732	16	M. Tech. (VLSI Design)	192MC2A06	Pedagogy Studies
733	17	M. Tech. (VLSI Design)	192MC2A07	Stress Management by Yoga
734	18	M. Tech. (VLSI Design)	192MC2A08	Personality Development through Life Enlightenment Skills
735	19	M. Tech. (VLSI Design)	192MC2A09	Soft Skills
736	20	M. Tech. (VLSI Design)	192VD1E01	VLSI Technology
737	21	M. Tech. (VLSI Design)	192VD1E02	Nano materials and Nanotechnology
738	22	M. Tech. (VLSI Design)	192VD1E03	MEMS Technology
739	23	M. Tech. (VLSI Design)	192VD1E04	Device Modelling
740	24	M. Tech. (VLSI Design)	192VD1E05	Nano-Electronics
741	25	M. Tech. (VLSI Design)	192VD1E06	Photonics
742	26	M. Tech. (VLSI Design)	192VD1L01	CMOS Analog IC Design Lab
743	27	M. Tech. (VLSI Design)	192VD1L02	CMOS Digital IC Design Lab
744	28	M. Tech. (VLSI Design)	192VD1T01	CMOS Analog IC Design
745	29	M. Tech. (VLSI Design)	192VD1T02	CMOS Digital IC Design
746	30	M. Tech. (VLSI Design)	192VD2E07	Design For Testability

S. No	Program-wise S. No	Program Name	Course Code	Course Name
747	31	M. Tech. (VLSI Design)	192VD2E08	IoT and Its Applications
748	32	M. Tech. (VLSI Design)	192VD2E09	VLSI Signal Processing
749	33	M. Tech. (VLSI Design)	192VD2E10	Microcontrollers and programmable Digital Signal Processors
750	34	M. Tech. (VLSI Design)	192VD2E11	Low Power VLSI Design
751	35	M. Tech. (VLSI Design)	192VD2L03	Mixed Signal IC Design Lab
752	36	M. Tech. (VLSI Design)	192VD2L04	Physical Design Automation Lab
753	37	M. Tech. (VLSI Design)	192VD2P01	Mini Project with Seminar
754	38	M. Tech. (VLSI Design)	192VD2T03	Mixed Signal and RF IC Design
755	39	M. Tech. (VLSI Design)	192VD2T04	Physical Design Automation
756	1	M. Tech. (Structural Engineering)	172SE3C01	Comprehensive Viva – Voce
757	2	M. Tech. (Structural Engineering)	172SE3R01	Seminar-1
758	3	M. Tech. (Structural Engineering)	172SE4P01	Project Work Part –II
759	4	M. Tech. (Structural Engineering)	172SE4R02	Seminar –II
760	5	M. Tech. (Structural Engineering)	1925T1E01	Matrix Analysis of Structures
761	6	M. Tech. (Structural Engineering)	1925T1E02	Analytical & Numerical Method for Structural Engineering
762	7	M. Tech. (Structural Engineering)	1925T1E03	Design of RCC Foundations
763	8	M. Tech. (Structural Engineering)	1925T1E04	Bridge Engineering
764	9	M. Tech. (Structural Engineering)	1925T1E05	Repair & Rehabilitation of Structures
765	10	M. Tech. (Structural Engineering)	1925T1E06	Advanced Reinofced Concrete Design
766	11	M. Tech. (Structural Engineering)	1925T1L01	Advanced Concrete Technology Laboratory
767	12	M. Tech. (Structural Engineering)	1925T1L02	Advanced Structural Engineering Laboratory
768	13	M. Tech. (Structural Engineering)	1925T2E07	Stability of Structures
769	14	M. Tech. (Structural Engineering)	1925T2E08	Advanced Steel Design
770	15	M. Tech. (Structural Engineering)	1925T2E09	Analysis of offshore Structures
771	16	M. Tech. (Structural Engineering)	1925T2E10	Earthquake Restant Design of Buildings
772	17	M. Tech. (Structural Engineering)	1925T2E11	Precast and Prefabricated Structures
773	18	M. Tech. (Structural Engineering)	1925T2E12	Earth Retaining Structures
774	19	M. Tech. (Structural Engineering)	192ST1T01	Theory of Elasticity
775	20	M. Tech. (Structural Engineering)	192ST1T02	Structural dynamics

S. No	Program-wise S. No	Program Name	Course Code	Course Name
776	21	M. Tech. (Structural Engineering)	192ST1T03	Advanced Concrete Technology
777	22	M. Tech. (Structural Engineering)	192ST2L03	Computer Aided Design Laboratory
778	23	M. Tech. (Structural Engineering)	192ST2L04	Structural Design Laboratory
779	24	M. Tech. (Structural Engineering)	192ST2P01	Mini Project With Seminar
780	25	M. Tech. (Structural Engineering)	192ST2T04	Finite Element Methods in Structural Engineering
781	26	M. Tech. (Structural Engineering)	192ST2T05	Theory of Plates and Shells
782	1	Master of Business Administration	174FI3E01	Security Analysis & Portfolio Management
783	2	Master of Business Administration	174FI3E02	Banking & Insurance Management
784	3	Master of Business Administration	174FI3E03	Advance Management Accounting
785	4	Master of Business Administration	174FI3E04	Strategic Financial Management
786	5	Master of Business Administration	174FI4E01	Financial Markets & Services
787	6	Master of Business Administration	174FI4E02	Global Financial Management
788	7	Master of Business Administration	174FI4E03	Risk Management
789	8	Master of Business Administration	174FI4E04	Tax Management
790	9	Master of Business Administration	174HR3E01	Leadership Management
791	10	Master of Business Administration	174HR3E02	Compensation & Reward Management
792	11	Master of Business Administration	174HR3E03	Performance Management
793	12	Master of Business Administration	174HR3E04	Strategic Human Resource Management
794	13	Master of Business Administration	174HR4E01	Organizational Development & Change Management
795	14	Master of Business Administration	174HR4E02	Global Human Resource Management
796	15	Master of Business Administration	174HR4E03	Labor Welfare & Legislation
797	16	Master of Business Administration	174HR4E04	Management of Industrial Relations
798	17	Master of Business Administration	174MA3E01	Consumer Behavior
799	18	Master of Business Administration	174MA3E02	Retail Management
800	19	Master of Business Administration	174MA3E03	Customer Relationship Management
801	20	Master of Business Administration	174MA3E04	Strategic Marketing
802	21	Master of Business Administration	174MA4E01	Services Marketing
803	22	Master of Business Administration	174MA4E02	Promotional Distribution Management
804	23	Master of Business Administration	174MA4E03	Global Marketing Management

S. No	Program-wise S. No	Program Name	Course Code	Course Name
805	24	Master of Business Administration	174MA4E04	Supply Chain Management
806	25	Master of Business Administration	174MB3T13	Strategic Management
807	26	Master of Business Administration	174MB3T14	Legal Aspects of Business
808	27	Master of Business Administration	174MB3T15	Business Ethics & Corporate Governance
809	28	Master of Business Administration	174MB4P02	Major Project
810	29	Master of Business Administration	174MB4T16	Logistic & Supply Chain Management
811	30	Master of Business Administration	174MB4T17	Entrepreneurship Development
812	31	Master of Business Administration	174SY3E01	E – Business
813	32	Master of Business Administration	174SY3E02	Relational Database Management Systems
814	33	Master of Business Administration	174SY3E03	Web Designing
815	34	Master of Business Administration	174SY3E04	System Analysis & Design
816	35	Master of Business Administration	174SY4E01	Business Intelligence
817	36	Master of Business Administration	174SY4E02	Enterprise Resource Planning
818	37	Master of Business Administration	174SY4E03	Cyber Laws & Security
819	38	Master of Business Administration	174SY4E04	Information Systems Audit
820	39	Master of Business Administration	194MB1L01	Business Communication and Soft Skills Lab.
821	40	Master of Business Administration	194MB1L02	Information Technology – Lab – I (Spreadsheet and Tally)
822	41	Master of Business Administration	194MB1O01	Cross Cultural Management.
823	42	Master of Business Administration	194MB1O02	Rural Innovation Projects.
824	43	Master of Business Administration	194MB1T01	Management and Organizational Behavior
825	44	Master of Business Administration	194MB1T02	Managerial Economics
826	45	Master of Business Administration	194MB1T03	Accounting for Managers
827	46	Master of Business Administration	194MB1T04	Quantitative Analysis for Business Decisions
828	47	Master of Business Administration	194MB1T05	Legal and Business Environment
829	48	Master of Business Administration	194MB1T06	Business Communication and Soft Skills
830	49	Master of Business Administration	194MB2L03	IT-Lab – 2 (R Programming)
831	50	Master of Business Administration	194MB2O04	Project Management.
832	51	Master of Business Administration	194MB2O05	Technology Management.
833	52	Master of Business Administration	194MB2O06	Lean Management.

S. No	Program-wise S. No	Program Name	Course Code	Course Name
834	53	Master of Business Administration	194MB2O07	Data base Management System.
835	54	Master of Business Administration	194MB2T07	Financial Management
836	55	Master of Business Administration	194MB2T08	Human Resource Management
837	56	Master of Business Administration	194MB2T09	Marketing Management
838	57	Master of Business Administration	194MB2T10	Operations Management
839	58	Master of Business Administration	194MB2T11	Business Research Methods
840	59	Master of Business Administration	194MBMOOC1	MOOCs: SWAYAM/NPTEL
841	1	Master of Computer Applications	173MC1L01	English Language Communication Skills Lab
842	2	Master of Computer Applications	173MC1L03	Statistics With R Programming Lab
843	3	Master of Computer Applications	173MC1T04	Statistics With R Programming
844	4	Master of Computer Applications	173MC2L06	Operating System & Computer Graphics Lab
845	5	Master of Computer Applications	173MC5E08	Computer Forensics
846	6	Master of Computer Applications	173MC5E10	Internet of Things
847	7	Master of Computer Applications	173MC5T21	Python Programming
848	8	Master of Computer Applications	193MC1L03	IT Workshop (Lab)
849	9	Master of Computer Applications	19MC1A01	English for Research Paper Writing
850	10	Master of Computer Applications	19MC1A02	Disaster Management
851	11	Master of Computer Applications	19MC1A03	Sanskrit for Technical Knowledge
852	12	Master of Computer Applications	19MC1A04	Value Education
853	13	Master of Computer Applications	19MC1A05	Constitution of India
854	14	Master of Computer Applications	19MC1A06	Pedagogy Studies
855	15	Master of Computer Applications	19MC1A07	Stress Management by Yoga
856	16	Master of Computer Applications	19MC1A08	Personality Development through Life Enlightenment Skills
857	17	Master of Computer Applications	19MC1A09	Soft Skills
858	18	Master of Computer Applications	19MC2A01	English for Research Paper Writing
859	19	Master of Computer Applications	19MC2A02	Disaster Management
860	20	Master of Computer Applications	19MC2A03	Sanskrit for Technical Knowledge
861	21	Master of Computer Applications	19MC2A04	Value Education
862	22	Master of Computer Applications	19MC2A05	Constitution of India

S. No	Program-wise S. No	Program Name	Course Code	Course Name
863	23	Master of Computer Applications	19MC2A06	Pedagogy Studies
864	24	Master of Computer Applications	19MC2A07	Stress Management by Yoga
865	25	Master of Computer Applications	19MC2A08	Personality Development through Life Enlightenment Skills
866	26	Master of Computer Applications	19MC2A09	Soft Skills
867	1	Integrated Master of Business Administration	16IM501	Financial Management
868	2	Integrated Master of Business Administration	16IM502	Marketing Management
869	3	Integrated Master of Business Administration	16IM503	Human Resource Management
870	4	Integrated Master of Business Administration	16IM504	Production and Operations Management
871	5	Integrated Master of Business Administration	16IM505	Research Methodology
872	6	Integrated Master of Business Administration	16IM601	Operations Research
873	7	Integrated Master of Business Administration	16IM602	International Business
874	8	Integrated Master of Business Administration	16IM603	Strategic Management
875	9	Integrated Master of Business Administration	16IM604	Decision Support Systems
876	10	Integrated Master of Business Administration	16IM605	Mini Project*
877	11	Integrated Master of Business Administration	16IM701	Knowledge Management
878	12	Integrated Master of Business Administration	16IM702	Strategic Cost Management
879	13	Integrated Master of Business Administration	16IM703A	HR Planning
880	14	Integrated Master of Business Administration	16IM703B	E-Business
881	15	Integrated Master of Business Administration	16IM703C	Consumer Behavior
882	16	Integrated Master of Business Administration	16IM703D	Security Analysis
883	17	Integrated Master of Business Administration	16IM704A	Banking and Insurance Management
884	18	Integrated Master of Business Administration	16IM704B	Leadership Management
885	19	Integrated Master of Business Administration	16IM704C	RDBMS
886	20	Integrated Master of Business Administration	16IM704D	Rural Marketing
887	21	Integrated Master of Business Administration	16IM705A	Supply Chain Management
888	22	Integrated Master of Business Administration	16IM705B	Advanced Management Accounting
889	23	Integrated Master of Business Administration	16IM705C	Compensation and Reward Management
890	24	Integrated Master of Business Administration	16IM705D	Web Designing
891	25	Integrated Master of Business Administration	16IM801A	Total Quality Management

S. No	Program-wise S. No	Program Name	Course Code	Course Name
892	26	Integrated Master of Business Administration	16IM802B	Project Management
893	27	Integrated Master of Business Administration	16IM803A	Customer Relationship Management
894	28	Integrated Master of Business Administration	16IM803B	Strategic Financial Management
895	29	Integrated Master of Business Administration	16IM803C	Performance Management
896	30	Integrated Master of Business Administration	16IM803D	System Analysis & Design
897	31	Integrated Master of Business Administration	16IM804A	Business Intelligence
898	32	Integrated Master of Business Administration	16IM804B	Strategic Marketing Management
899	33	Integrated Master of Business Administration	16IM804C	Portfolio Management
900	34	Integrated Master of Business Administration	16IM804D	Strategic Human Resource Management
901	35	Integrated Master of Business Administration	16IM805A	Organizational Development & Change Management
902	36	Integrated Master of Business Administration	16IM805B	Enterprise Resource Planning
903	37	Integrated Master of Business Administration	16IM805C	Services Marketing
904	38	Integrated Master of Business Administration	16IM805D	Financial Markets and Services
905	39	Integrated Master of Business Administration	175IM1T01	English Language – I
906	40	Integrated Master of Business Administration	175IM1T02	Business Mathematics & Statistics
907	41	Integrated Master of Business Administration	175IM1T03	Fundamentals of Business Organization
908	42	Integrated Master of Business Administration	175IM1T04	Financial Accounting – I
909	43	Integrated Master of Business Administration	175IM1T05	Fundamentals of Computers
910	44	Integrated Master of Business Administration	175IM2T06	English Language – II
911	45	Integrated Master of Business Administration	175IM2T07	Business Environment
912	46	Integrated Master of Business Administration	175IM2T08	Managerial Economics
913	47	Integrated Master of Business Administration	175IM2T09	Financial Accounting – II
914	48	Integrated Master of Business Administration	175IM2T10	Organizational Communications
915	49	Integrated Master of Business Administration	175IM3T11	Principles of Management
916	50	Integrated Master of Business Administration	175IM3T12	Cost Accounting
917	51	Integrated Master of Business Administration	175IM3T13	Banking Theory & Practice
918	52	Integrated Master of Business Administration	175IM3T14	Business Law
919	53	Integrated Master of Business Administration	175IM3T15	Entrepreneurship Development
920	54	Integrated Master of Business Administration	175IM4T16	Organizational Behavior

S. No	Program-wise S. No	Program Name	Course Code	Course Name
921	55	Integrated Master of Business Administration	175IM4T17	Management Accounting
922	56	Integrated Master of Business Administration	175IM4T18	Company Law
923	57	Integrated Master of Business Administration	175IM4T19	Elements of Direct & Indirect Taxes
924	58	Integrated Master of Business Administration	175IM4T20	Management Information Systems
925	59	Integrated Master of Business Administration	175IM5T21	Financial Management
926	60	Integrated Master of Business Administration	175IM5T22	Marketing Management
927	61	Integrated Master of Business Administration	175IM5T23	Human Resource Management
928	62	Integrated Master of Business Administration	175IM5T24	Production & Operations Management
929	63	Integrated Master of Business Administration	175IM5T25	Research Methodology
930	64	Integrated Master of Business Administration	175IM6P01	Minor Project
931	65	Integrated Master of Business Administration	175IM6T26	Operations Research
932	66	Integrated Master of Business Administration	175IM6T27	International Business
933	67	Integrated Master of Business Administration	175IM6T28	Strategic Management
934	68	Integrated Master of Business Administration	175IM6T29	Decision Support Systems
935	69	Integrated Master of Business Administration	195IM1T01	English Language – I
936	70	Integrated Master of Business Administration	195IM1T02	Business Mathematics and Statistics
937	71	Integrated Master of Business Administration	195IM1T03	Fundamentals of Business Organization
938	72	Integrated Master of Business Administration	195IM1T04	Financial Accounting – I
939	73	Integrated Master of Business Administration	195IM1T05	Fundamentals of Computers
940	74	Integrated Master of Business Administration	195IM2T06	English Language – II
941	75	Integrated Master of Business Administration	195IM2T07	Business Environment
942	76	Integrated Master of Business Administration	195IM2T08	Managerial Economics
943	77	Integrated Master of Business Administration	195IM2T09	Financial Accounting – II
944	78	Integrated Master of Business Administration	195IM2T10	Organizational Communications

PRINCIPAL
PRINCIPAL
ADITYA ENGINEERING COLLEGE
SURAMPALEM - 533 437