



# 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 2018-19

S. No	Name of the program	Number of courses
1	B. Tech. (Civil Engineering)	82
2	B. Tech. (Electrical and Electronics Engineering)	77
3	B. Tech. (Mechanical Engineering)	91
4	B. Tech. (Electronics and Communication Engineering)	77
5	B. Tech. (Computer Science and Engineering)	71
6	M. Tech. (Petroleum Engineering)	25
7	B. Tech. (Information Technology)	22
8	M. Tech. (Thermal Engineering)	30
9	B. Tech. (Mining Engineering)	54
10	B. Tech. (Petroleum Technology)	55
11	B. Tech. (Agricultural Engineering)	52
12	M. Tech. (Power Electronics and Drives)	27
13	M. Tech. (Computer Science & Engineering)	25
14	M. Tech. (VLSI Design)	20
15	M. Tech. (Structural Engineering)	26
16	Master of Business Administration	52
17	Master of Computer Applications	57
18	Integrated Master of Business Administration	30
19	M. Tech. (Software Engineering)	23
20	M. Tech. (Embedded Systems)	26
<b>Total</b>		<b>922</b>

**PRINCIPAL**  
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**ADITYA ENGINEERING COLLEGE**  
**SURAMPALAM - 533 437**



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## List of courses program-wise during the academic year 2018-19

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)	171CE3L01	Surveying Lab
5	5	B. Tech. (Civil Engineering)	171CE3T01	Building Materials and Construction
6	6	B. Tech. (Civil Engineering)	171CE3T02	Surveying
7	7	B. Tech. (Civil Engineering)	171CE3T03	Fluid Mechanics
8	8	B. Tech. (Civil Engineering)	171CE4L02	Fluid Mechanics and Hydraulic Machinery Lab
9	9	B. Tech. (Civil Engineering)	171CE4L03	Concrete Technology Lab
10	10	B. Tech. (Civil Engineering)	171CE4T04	Building Planning and Computer Aided Drawing
11	11	B. Tech. (Civil Engineering)	171CE4T05	Concrete Technology
12	12	B. Tech. (Civil Engineering)	171CE4T06	Engineering Geology
13	13	B. Tech. (Civil Engineering)	171CE4T07	Hydraulics and Hydraulic Machinery
14	14	B. Tech. (Civil Engineering)	171CE4T08	Strength of Materials – II
15	15	B. Tech. (Civil Engineering)	171CE4T09	Structural Analysis - I
16	16	B. Tech. (Civil Engineering)	171ES3L10	Geology and Surveying Lab
17	17	B. Tech. (Civil Engineering)	171ES3L11	Surveying and Leveling Lab
18	18	B. Tech. (Civil Engineering)	171ES3L12	Electrical and Electronics Lab
19	19	B. Tech. (Civil Engineering)	171ES3T16	Materials Science and Engineering
20	20	B. Tech. (Civil Engineering)	171ES3T17	General Geology
21	21	B. Tech. (Civil Engineering)	171ES3T20	Electrical and Electronics Engineering
22	22	B. Tech. (Civil Engineering)	171ES3T21	Surveying and Leveling
23	23	B. Tech. (Civil Engineering)	171ES3T22	Material Engineering
24	24	B. Tech. (Civil Engineering)	191BS1T01	Differential Equations and Linear Algebra



S. No	Program-wise S. No	Program Name	Course Code	Course Name
25	25	B. Tech. (Civil Engineering)	191BS3T11	Integral Transforms and applications of pde
26	26	B. Tech. (Civil Engineering)	R1631011	Management Science
27	27	B. Tech. (Civil Engineering)	R1631012	Engineering Geology
28	28	B. Tech. (Civil Engineering)	R1631013	Structural Analysis -II
29	29	B. Tech. (Civil Engineering)	R1631014	Design and Drawing of Reinforced Concrete Structures
30	30	B. Tech. (Civil Engineering)	R1631015	Transportation Engineering - II
31	31	B. Tech. (Civil Engineering)	R1631016	Concrete Technology Lab
32	32	B. Tech. (Civil Engineering)	R1631017	Geology Lab
33	33	B. Tech. (Civil Engineering)	R1631018	Transportation Engineering Lab
34	34	B. Tech. (Civil Engineering)	R1632011	Design and Drawing of Steel Structures
35	35	B. Tech. (Civil Engineering)	R1632012	Geotechnical Engineering - I
36	36	B. Tech. (Civil Engineering)	R1632013	Environmental Engineering -I
37	37	B. Tech. (Civil Engineering)	R1632014	Water Resource Engineering -I
38	38	B. Tech. (Civil Engineering)	R1632015D	Waste Water Management
39	39	B. Tech. (Civil Engineering)	R1632017	Environmental Engineering Lab
40	40	B. Tech. (Civil Engineering)	R1632018	Computer Aided Engineering Lab
41	41	B. Tech. (Civil Engineering)	R163201A	Enterprenuership
42	42	B. Tech. (Civil Engineering)	R163201B	Alternative Energy Sources
43	43	B. Tech. (Civil Engineering)	R163201C	Geotechnical Engineering Lab
44	44	B. Tech. (Civil Engineering)	R163201D	Waste Water Management
45	45	B. Tech. (Civil Engineering)	RT41011	Environmental Engineering – II
46	46	B. Tech. (Civil Engineering)	RT41012	Prestressed Concrete
47	47	B. Tech. (Civil Engineering)	RT41013	Construction Technology and Management
48	48	B. Tech. (Civil Engineering)	RT41014	Water Resources Engineering–II
49	49	B. Tech. (Civil Engineering)	RT41015	Remote Sensing and GIS Applications
50	50	B. Tech. (Civil Engineering)	RT41016	Ground Improvement Techniques
51	51	B. Tech. (Civil Engineering)	RT41016A	Energy Mangement
52	52	B. Tech. (Civil Engineering)	RT41016B	Fundamentals Of Petroleum Industry
53	53	B. Tech. (Civil Engineering)	RT41016C	Offshore enginnering

S. No	Program-wise S. No	Program Name	Course Code	Course Name
54	54	B. Tech. (Civil Engineering)	RT41016D	pipeline engineering
55	55	B. Tech. (Civil Engineering)	RT41016F	Green Fuel Technologies
56	56	B. Tech. (Civil Engineering)	RT41017	Air Pollution and Control
57	57	B. Tech. (Civil Engineering)	RT41018	Matrix methods of Structural Analysis
58	58	B. Tech. (Civil Engineering)	RT41019	Urban Hydrology
59	59	B. Tech. (Civil Engineering)	RT4101A	Advanced Surveying
60	60	B. Tech. (Civil Engineering)	RT4101B	Interior Designs and Decorations
61	61	B. Tech. (Civil Engineering)	RT4101L	Environmental Engineering Lab
62	62	B. Tech. (Civil Engineering)	RT4101M	GIS and CAD Lab
63	63	B. Tech. (Civil Engineering)	RT42011	Estimating, Specifications and Contracts
64	64	B. Tech. (Civil Engineering)	RT42012A	Engineering with Geo-synthetics
65	65	B. Tech. (Civil Engineering)	RT42012B	Environmental Impact Assessment and Management
66	66	B. Tech. (Civil Engineering)	RT42012C	Advanced Structural Engineering
67	67	B. Tech. (Civil Engineering)	RT42012D	Ground Water Development and Management
68	68	B. Tech. (Civil Engineering)	RT42012E	Traffic Engineering
69	69	B. Tech. (Civil Engineering)	RT42012F	Infrastructure Management
70	70	B. Tech. (Civil Engineering)	RT42013A	Advanced foundation Engineering
71	71	B. Tech. (Civil Engineering)	RT42013B	Solid waste Management
72	72	B. Tech. (Civil Engineering)	RT42013C	Earthquake Resistant Design
73	73	B. Tech. (Civil Engineering)	RT42013D	Water Shed Management
74	74	B. Tech. (Civil Engineering)	RT42013E	Pavement Analysis and Design
75	75	B. Tech. (Civil Engineering)	RT42013F	Green Buildings
76	76	B. Tech. (Civil Engineering)	RT42014A	Elective-IV: Soil Dynamics and Machine Foundations
77	77	B. Tech. (Civil Engineering)	RT42014B	Environmental and Industrial Hygiene
78	78	B. Tech. (Civil Engineering)	RT42014C	Repair and Rehabilitation of Structures
79	79	B. Tech. (Civil Engineering)	RT42014D	Water Resources System Planning and Management
80	80	B. Tech. (Civil Engineering)	RT42014E	Urban Transportation Planning Safety Engineering
81	81	B. Tech. (Civil Engineering)	RT42014G	Bridge Engineering
82	82	B. Tech. (Civil Engineering)	RT42015	Project Work



S. No	Program-wise S. No	Program Name	Course Code	Course Name
83	1	B. Tech. (Electrical and Electronics Engineering)	171BS1T01	Mathematics - I
84	2	B. Tech. (Electrical and Electronics Engineering)	171BS1T02	Mathematics – II
85	3	B. Tech. (Electrical and Electronics Engineering)	171BS1T03	Engineering Chemistry
86	4	B. Tech. (Electrical and Electronics Engineering)	171BS1T04	Applied Physics
87	5	B. Tech. (Electrical and Electronics Engineering)	171BS1T05	Applied Chemistry
88	6	B. Tech. (Electrical and Electronics Engineering)	171BS2L02	Engineering Physics Lab
89	7	B. Tech. (Electrical and Electronics Engineering)	171BS2T02	Mathematics - II
90	8	B. Tech. (Electrical and Electronics Engineering)	171BS2T06	Mathematics - III
91	9	B. Tech. (Electrical and Electronics Engineering)	171EE2T01	Electrical Circuit Analysis - I
92	10	B. Tech. (Electrical and Electronics Engineering)	171EE3L01	Electrical Circuits Lab
93	11	B. Tech. (Electrical and Electronics Engineering)	171EE3T02	Electrical Circuit Analysis - II
94	12	B. Tech. (Electrical and Electronics Engineering)	171EE3T03	Electrical Machines – I
95	13	B. Tech. (Electrical and Electronics Engineering)	171EE3T04	Basic Electronics Devices and Circuits
96	14	B. Tech. (Electrical and Electronics Engineering)	171EE3T05	Electromagnetic Fields
97	15	B. Tech. (Electrical and Electronics Engineering)	171EE4L02	Electronic Devices and Circuits Lab
98	16	B. Tech. (Electrical and Electronics Engineering)	171EE4L03	Electrical Machines - I Lab
99	17	B. Tech. (Electrical and Electronics Engineering)	171EE4T06	Electrical Measurements
100	18	B. Tech. (Electrical and Electronics Engineering)	171EE4T07	Electrical Machines - II
101	19	B. Tech. (Electrical and Electronics Engineering)	171EE4T08	Control Systems
102	20	B. Tech. (Electrical and Electronics Engineering)	171EE4T09	Power Systems – I
103	21	B. Tech. (Electrical and Electronics Engineering)	171ES1L01	Computer Programming Lab
104	22	B. Tech. (Electrical and Electronics Engineering)	171ES4T24	Digital Circuits and Logic Design
105	23	B. Tech. (Electrical and Electronics Engineering)	171HS1L01	English Communication Skills Lab - I
106	24	B. Tech. (Electrical and Electronics Engineering)	171HS1T02	Environmental Studies
107	25	B. Tech. (Electrical and Electronics Engineering)	171HS2T02	Environmental Studies
108	26	B. Tech. (Electrical and Electronics Engineering)	171HS3A10	Employability Skills - I
109	27	B. Tech. (Electrical and Electronics Engineering)	171HS4A08	IPR and Patents
110	28	B. Tech. (Electrical and Electronics Engineering)	191BS1T02	Engineering Physics



S. No	Program-wise S. No	Program Name	Course Code	Course Name
111	29	B. Tech. (Electrical and Electronics Engineering)	191BS3T12	Transform Techniques
112	30	B. Tech. (Electrical and Electronics Engineering)	R1631021	Power Systems-II
113	31	B. Tech. (Electrical and Electronics Engineering)	R1631022	Renewable Energy Sources
114	32	B. Tech. (Electrical and Electronics Engineering)	R1631023	Signals and Systems
115	33	B. Tech. (Electrical and Electronics Engineering)	R1631024	Pulse and Digital Circuits
116	34	B. Tech. (Electrical and Electronics Engineering)	R1631025	Power Electronics
117	35	B. Tech. (Electrical and Electronics Engineering)	R1631026	Electrical Machines-II Laboratory
118	36	B. Tech. (Electrical and Electronics Engineering)	R1631027	Control Systems Laboratory
119	37	B. Tech. (Electrical and Electronics Engineering)	R1631028	Electrical Measurements Laboratory
120	38	B. Tech. (Electrical and Electronics Engineering)	R1631029	IPR and Patents
121	39	B. Tech. (Electrical and Electronics Engineering)	R1632021	Power Electronic Controllers and Drives
122	40	B. Tech. (Electrical and Electronics Engineering)	R1632022	Power System Analysis
123	41	B. Tech. (Electrical and Electronics Engineering)	R1632023	Micro Processors and Micro controllers
124	42	B. Tech. (Electrical and Electronics Engineering)	R1632024	Data Structures
125	43	B. Tech. (Electrical and Electronics Engineering)	R1632025D	Robotics
126	44	B. Tech. (Electrical and Electronics Engineering)	R1632026	Power Electronics Laboratory
127	45	B. Tech. (Electrical and Electronics Engineering)	R1632027	Micro Processors and Micro controllers Laboratory
128	46	B. Tech. (Electrical and Electronics Engineering)	R1632028	Data Structures Laboratory
129	47	B. Tech. (Electrical and Electronics Engineering)	R1632029	Professional Ethics and Human Values
130	48	B. Tech. (Electrical and Electronics Engineering)	R163202A	Unix and Shell Programming
131	49	B. Tech. (Electrical and Electronics Engineering)	R163202B	VLSI Design
132	50	B. Tech. (Electrical and Electronics Engineering)	R163202D	Robotics
133	51	B. Tech. (Electrical and Electronics Engineering)	R163202E	Neural Networks and Fuzzy Logic
134	52	B. Tech. (Electrical and Electronics Engineering)	R163202F	Energy Audit and Conservation and Management
135	53	B. Tech. (Electrical and Electronics Engineering)	RT41021	Renewable Energy Sources and Systems
136	54	B. Tech. (Electrical and Electronics Engineering)	RT41022	HVAC and DC Transmission
137	55	B. Tech. (Electrical and Electronics Engineering)	RT41023	Power System Operation And Control
138	56	B. Tech. (Electrical and Electronics Engineering)	RT41024	Energy Audit and Conservation & Management
139	57	B. Tech. (Electrical and Electronics Engineering)	RT41025	Instrumentation



S. No	Program-wise S. No	Program Name	Course Code	Course Name
140	58	B. Tech. (Electrical and Electronics Engineering)	RT41026	Non Conventional Sources of Energy
141	59	B. Tech. (Electrical and Electronics Engineering)	RT41027	Optimization Techniques
142	60	B. Tech. (Electrical and Electronics Engineering)	RT41028	VLSI Design
143	61	B. Tech. (Electrical and Electronics Engineering)	RT41029	Electrical Distributions Systems
144	62	B. Tech. (Electrical and Electronics Engineering)	RT4102L	Microprocessors and Microcontrollers Lab
145	63	B. Tech. (Electrical and Electronics Engineering)	RT4102M	Electrical Simulation Lab
146	64	B. Tech. (Electrical and Electronics Engineering)	RT4102N	Power Systems Lab
147	65	B. Tech. (Electrical and Electronics Engineering)	RT42021	Digital Control Systems
148	66	B. Tech. (Electrical and Electronics Engineering)	RT42022A	Advanced Control Systems
149	67	B. Tech. (Electrical and Electronics Engineering)	RT42022B	Extra High Voltage Transmission
150	68	B. Tech. (Electrical and Electronics Engineering)	RT42022C	Special Electrical Machines
151	69	B. Tech. (Electrical and Electronics Engineering)	RT42023A	Electric Power Quality
152	70	B. Tech. (Electrical and Electronics Engineering)	RT42023B	Digital Signal Processing
153	71	B. Tech. (Electrical and Electronics Engineering)	RT42023C	FACTS: Flexible Alternating Current Transmission System
154	72	B. Tech. (Electrical and Electronics Engineering)	RT42024A	OOPS through JAVA
155	73	B. Tech. (Electrical and Electronics Engineering)	RT42024B	UNIX and Shell Programming
156	74	B. Tech. (Electrical and Electronics Engineering)	RT42024C	AI Techniques
157	75	B. Tech. (Electrical and Electronics Engineering)	RT42024D	Power System Reforms
158	76	B. Tech. (Electrical and Electronics Engineering)	RT42024E	Systems Engineering
159	77	B. Tech. (Electrical and Electronics Engineering)	RT42025	Project
160	1	B. Tech. (Mechanical Engineering)	171BS2L03	Applied Chemistry Lab
161	2	B. Tech. (Mechanical Engineering)	171BS2T04	Applied Physics
162	3	B. Tech. (Mechanical Engineering)	171ES1T01	Computer Programming
163	4	B. Tech. (Mechanical Engineering)	171ES1T02	Engineering Mechanics
164	5	B. Tech. (Mechanical Engineering)	171ES1T03	Engineering Drawing
165	6	B. Tech. (Mechanical Engineering)	171ES2L02	Engineering Workshop and IT Workshop
166	7	B. Tech. (Mechanical Engineering)	171ES2T02	Engineering Mechanics
167	8	B. Tech. (Mechanical Engineering)	171ES2T03	Engineering Drawing
168	9	B. Tech. (Mechanical Engineering)	171ES2T04	Basic Mechanical Engineering



S. No	Program-wise S. No	Program Name	Course Code	Course Name
169	10	B. Tech. (Mechanical Engineering)	171ES2T05	Basic Electrical and Electronics Engineering
170	11	B. Tech. (Mechanical Engineering)	171ES2T07	Elements of Mechanical Engineering
171	12	B. Tech. (Mechanical Engineering)	171ES2T08	Theory of Machines
172	13	B. Tech. (Mechanical Engineering)	171ES3L03	Strength of Materials Lab
173	14	B. Tech. (Mechanical Engineering)	171ES3L04	Thermal and Hydro Prime Movers Lab
174	15	B. Tech. (Mechanical Engineering)	171ES3L05	Basic Electrical And Electronics Engg. Lab
175	16	B. Tech. (Mechanical Engineering)	171ES3L06	Mechanics of Solids and Metallurgy Lab
176	17	B. Tech. (Mechanical Engineering)	171ES3L09	Basic Engineering Lab
177	18	B. Tech. (Mechanical Engineering)	171ES3L13	Basic Mechanical Engineering Lab
178	19	B. Tech. (Mechanical Engineering)	171ES3T05	Basic Electrical and Electronics Engineering
179	20	B. Tech. (Mechanical Engineering)	171ES3T09	Strength of Materials - I
180	21	B. Tech. (Mechanical Engineering)	171ES3T10	Thermal and Hydro Prime Movers
181	22	B. Tech. (Mechanical Engineering)	171ES3T11	Mechanics of Solids
182	23	B. Tech. (Mechanical Engineering)	171ES3T12	Thermodynamics
183	24	B. Tech. (Mechanical Engineering)	171ES3T13	Metallurgy and Materials Science
184	25	B. Tech. (Mechanical Engineering)	171ES3T14	Fluid Mechanics and Hydraulic Machinery
185	26	B. Tech. (Mechanical Engineering)	171ES4L07	Fluid mechanics and Hydraulic Machinery Lab
186	27	B. Tech. (Mechanical Engineering)	171ES4L14	Fluid Mechanics and Open Channel Hydraulics Lab
187	28	B. Tech. (Mechanical Engineering)	171ES4L15	Machine Drawing and Computer Graphics Lab
188	29	B. Tech. (Mechanical Engineering)	171ES4T25	Fluid Mechanics and Open Channel Hydraulics
189	30	B. Tech. (Mechanical Engineering)	171ES4T27	Kinematics Of Machinery
190	31	B. Tech. (Mechanical Engineering)	171HS1T01	English - I
191	32	B. Tech. (Mechanical Engineering)	171HS2L02	English Communication Skills Lab - II
192	33	B. Tech. (Mechanical Engineering)	171HS2T03	English - II
193	34	B. Tech. (Mechanical Engineering)	171HS3T04	Managerial Economics and Financial Analysis
194	35	B. Tech. (Mechanical Engineering)	171HS4A11	Employability Skills - II
195	36	B. Tech. (Mechanical Engineering)	171HS4T08	Intellectual Property rights and patents
196	37	B. Tech. (Mechanical Engineering)	171ME3T01	Computer Aided Engineering Drawing Practice
197	38	B. Tech. (Mechanical Engineering)	171ME4L01	Production Technology Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
198	39	B. Tech. (Mechanical Engineering)	171ME4T02	Kinematics of Machinery
199	40	B. Tech. (Mechanical Engineering)	171ME4T03	Thermal Engineering -I
200	41	B. Tech. (Mechanical Engineering)	171ME4T04	Production Technology
201	42	B. Tech. (Mechanical Engineering)	171ME4T05	Design of Machine members-I
202	43	B. Tech. (Mechanical Engineering)	171ME4T06	Industrial Engineering and Management
203	44	B. Tech. (Mechanical Engineering)	171ME4T07	Machine Drawing
204	45	B. Tech. (Mechanical Engineering)	191BS1T03	Applied Physics
205	46	B. Tech. (Mechanical Engineering)	191BS3T13	Numerical Methods and Complex Variables
206	47	B. Tech. (Mechanical Engineering)	R1631031	Dynamics of Machinery
207	48	B. Tech. (Mechanical Engineering)	R1631032	Metal Cutting and Machine Tools
208	49	B. Tech. (Mechanical Engineering)	R1631033	Design of Machine members-II
209	50	B. Tech. (Mechanical Engineering)	R1631034	Operations Research
210	51	B. Tech. (Mechanical Engineering)	R1631035	Thermal Engineering -II
211	52	B. Tech. (Mechanical Engineering)	R1631036	Theory of Machines Lab
212	53	B. Tech. (Mechanical Engineering)	R1631037	Machine Tools Lab
213	54	B. Tech. (Mechanical Engineering)	R1631038	Thermal Engineering Lab
214	55	B. Tech. (Mechanical Engineering)	R1632031	Metrology
215	56	B. Tech. (Mechanical Engineering)	R1632032	Instrumentation and Control systems
216	57	B. Tech. (Mechanical Engineering)	R1632033	Refrigeration and Air Conditioning
217	58	B. Tech. (Mechanical Engineering)	R1632034	Heat Transfer
218	59	B. Tech. (Mechanical Engineering)	R1632035A	Entrepreneurship
219	60	B. Tech. (Mechanical Engineering)	R1632035C	Industrial Robotics
220	61	B. Tech. (Mechanical Engineering)	R1632036	Heat Transfer Lab
221	62	B. Tech. (Mechanical Engineering)	R1632037	Metrology and Instrumentation Lab
222	63	B. Tech. (Mechanical Engineering)	R1632038	Computational Fluid Dynamics Lab
223	64	B. Tech. (Mechanical Engineering)	R163203A	Enterprenuership
224	65	B. Tech. (Mechanical Engineering)	R163203B	Computer Graphics
225	66	B. Tech. (Mechanical Engineering)	R163203C	Industrial Robotics
226	67	B. Tech. (Mechanical Engineering)	R163203D	Green Engineering Systems



S. No	Program-wise S. No	Program Name	Course Code	Course Name
227	68	B. Tech. (Mechanical Engineering)	RT41030	Optimization Techniques
228	69	B. Tech. (Mechanical Engineering)	RT41031	Automobile Engineering
229	70	B. Tech. (Mechanical Engineering)	RT41032	CAD/CAM
230	71	B. Tech. (Mechanical Engineering)	RT41033	finite Element Methods
231	72	B. Tech. (Mechanical Engineering)	RT41034	Unconventional Machining Process
232	73	B. Tech. (Mechanical Engineering)	RT41035	MEMS
233	74	B. Tech. (Mechanical Engineering)	RT41036	Nano technology
234	75	B. Tech. (Mechanical Engineering)	RT41037	Material Characterization techniques
235	76	B. Tech. (Mechanical Engineering)	RT41038	Design for Manufacture
236	77	B. Tech. (Mechanical Engineering)	RT41039	Automation and Manufacturing
237	78	B. Tech. (Mechanical Engineering)	RT4103A	Industrial hydraulics and Pneumatics
238	79	B. Tech. (Mechanical Engineering)	RT4103L	Simulation Lab
239	80	B. Tech. (Mechanical Engineering)	RT4103M	Design/Fabrication project
240	81	B. Tech. (Mechanical Engineering)	RT42031	Production Planning and Control
241	82	B. Tech. (Mechanical Engineering)	RT42032	Green Engineering Systems
242	83	B. Tech. (Mechanical Engineering)	RT42033A	Experimental Stress Analysis
243	84	B. Tech. (Mechanical Engineering)	RT42033B	Mechatronics
244	85	B. Tech. (Mechanical Engineering)	RT42033C	Advanced Materials
245	86	B. Tech. (Mechanical Engineering)	RT42033D	Power Plant Engineering
246	87	B. Tech. (Mechanical Engineering)	RT42034A	Non Destructive Evaluation
247	88	B. Tech. (Mechanical Engineering)	RT42034B	Advanced Optimization techniques
248	89	B. Tech. (Mechanical Engineering)	RT42034C	Gas Dynamics and Jet Propulsion
249	90	B. Tech. (Mechanical Engineering)	RT42034D	Quality and Reliability Engineering
250	91	B. Tech. (Mechanical Engineering)	RT42035	Project Work
251	1	B. Tech. (Electronics and Communication Engineering)	171BS2L04	Applied Physics Lab
252	2	B. Tech. (Electronics and Communication Engineering)	171BS2T05	Applied Chemistry
253	3	B. Tech. (Electronics and Communication Engineering)	171BS2T07	Engineering Physics
254	4	B. Tech. (Electronics and Communication Engineering)	171BS3T09	Complex Variables
255	5	B. Tech. (Electronics and Communication Engineering)	171EC3L01	Electronic Devices and Circuits Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
256	6	B. Tech. (Electronics and Communication Engineering)	171EC3T01	Electronic Devices and Circuits
257	7	B. Tech. (Electronics and Communication Engineering)	171EC3T02	Switching Theory and Logic Design
258	8	B. Tech. (Electronics and Communication Engineering)	171EC3T03	Signals and Systems
259	9	B. Tech. (Electronics and Communication Engineering)	171EC3T04	Random Variables and Stochastic Processes
260	10	B. Tech. (Electronics and Communication Engineering)	171EC4L02	Electronic Circuit Analysis Lab
261	11	B. Tech. (Electronics and Communication Engineering)	171EC4L03	Analog Communications Lab
262	12	B. Tech. (Electronics and Communication Engineering)	171EC4T05	Electronic Circuit Analysis
263	13	B. Tech. (Electronics and Communication Engineering)	171EC4T06	Electromagnetic Waves and Transmission Lines
264	14	B. Tech. (Electronics and Communication Engineering)	171EC4T07	Analog Communications
265	15	B. Tech. (Electronics and Communication Engineering)	171EC4T08	Pulse and Digital Circuits
266	16	B. Tech. (Electronics and Communication Engineering)	171ES2T06	Electrical and Mechanical Technology
267	17	B. Tech. (Electronics and Communication Engineering)	171ES3L08	Networks and Electrical Technology Lab
268	18	B. Tech. (Electronics and Communication Engineering)	171ES3T15	Network Analysis
269	19	B. Tech. (Electronics and Communication Engineering)	171ES4T28	Linear Control Systems
270	20	B. Tech. (Electronics and Communication Engineering)	171HS3A09	Professional Ethics and Human Values
271	21	B. Tech. (Electronics and Communication Engineering)	171HS4A04	Managerial Economics and Financial Analysis
272	22	B. Tech. (Electronics and Communication Engineering)	171HS4T05	Management Science
273	23	B. Tech. (Electronics and Communication Engineering)	171IT4T01	Language Processors
274	24	B. Tech. (Electronics and Communication Engineering)	191BS2T05	Partial Differentiation and Vector Calculus
275	25	B. Tech. (Electronics and Communication Engineering)	191BS3T14	Discrete Mathematics
276	26	B. Tech. (Electronics and Communication Engineering)	QT4104A	Artificial Neural Network and Fuzzy Logic
277	27	B. Tech. (Electronics and Communication Engineering)	QT4104B	Network Security and Cryptography
278	28	B. Tech. (Electronics and Communication Engineering)	R1631041	Computer Architecture and Organization
279	29	B. Tech. (Electronics and Communication Engineering)	R1631042	Linear I C Applications
280	30	B. Tech. (Electronics and Communication Engineering)	R1631043	Digital I C Applications
281	31	B. Tech. (Electronics and Communication Engineering)	R1631044	Digital Communications
282	32	B. Tech. (Electronics and Communication Engineering)	R1631045	Antenna and Wave Propagation
283	33	B. Tech. (Electronics and Communication Engineering)	R1631046	Pulse and Digital Circuits Lab
284	34	B. Tech. (Electronics and Communication Engineering)	R1631047	Linear I C Applications Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
285	35	B. Tech. (Electronics and Communication Engineering)	R1631048	Digital I C Applications Lab
286	36	B. Tech. (Electronics and Communication Engineering)	R1631049	Professional Ethics & Human Values
287	37	B. Tech. (Electronics and Communication Engineering)	R1632041	Micro Processors and Micro Controllers
288	38	B. Tech. (Electronics and Communication Engineering)	R1632042	Micro Wave Engineering
289	39	B. Tech. (Electronics and Communication Engineering)	R1632043	VLSI Design
290	40	B. Tech. (Electronics and Communication Engineering)	R1632044	Digital Signal Processing
291	41	B. Tech. (Electronics and Communication Engineering)	R1632046	Micro Processors and Micro Controllers Lab
292	42	B. Tech. (Electronics and Communication Engineering)	R1632047	VLSI Lab
293	43	B. Tech. (Electronics and Communication Engineering)	R1632048	Digital Communications Lab
294	44	B. Tech. (Electronics and Communication Engineering)	R1632049	IPR and Patents
295	45	B. Tech. (Electronics and Communication Engineering)	R163204A	OOPs through Java
296	46	B. Tech. (Electronics and Communication Engineering)	R163204B	Data Mining
297	47	B. Tech. (Electronics and Communication Engineering)	R163204C	Industrial robotics
298	48	B. Tech. (Electronics and Communication Engineering)	R163204D	Bio-Medical Engineering
299	49	B. Tech. (Electronics and Communication Engineering)	R163204E	Power Electronics
300	50	B. Tech. (Electronics and Communication Engineering)	R163204F	Artificial Neural Networks
301	51	B. Tech. (Electronics and Communication Engineering)	RT41041	VLSI Design
302	52	B. Tech. (Electronics and Communication Engineering)	RT41042	Computer Networks
303	53	B. Tech. (Electronics and Communication Engineering)	RT41043	Digital Image Processing
304	54	B. Tech. (Electronics and Communication Engineering)	RT41044	Computer Architecture and Organization
305	55	B. Tech. (Electronics and Communication Engineering)	RT41045	Electronic Switching Systems
306	56	B. Tech. (Electronics and Communication Engineering)	RT41046	Analog IC Design
307	57	B. Tech. (Electronics and Communication Engineering)	RT41047	Object Oriented Programming and O S
308	58	B. Tech. (Electronics and Communication Engineering)	RT41048	Radar Systems
309	59	B. Tech. (Electronics and Communication Engineering)	RT41049	Advanced Computer Architecture
310	60	B. Tech. (Electronics and Communication Engineering)	RT4104A	Optical Communication
311	61	B. Tech. (Electronics and Communication Engineering)	RT4104B	Digital IC Design
312	62	B. Tech. (Electronics and Communication Engineering)	RT4104C	Speech Processing
313	63	B. Tech. (Electronics and Communication Engineering)	RT4104L	VLSI Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
314	64	B. Tech. (Electronics and Communication Engineering)	RT4104M	Microwave Engineering Lab
315	65	B. Tech. (Electronics and Communication Engineering)	RT42041	Cellular Mobile Communication
316	66	B. Tech. (Electronics and Communication Engineering)	RT42042	Electronic Measurements and Instrumentation
317	67	B. Tech. (Electronics and Communication Engineering)	RT42043A	Satellite Communication
318	68	B. Tech. (Electronics and Communication Engineering)	RT42043B	Mixed signal Design
319	69	B. Tech. (Electronics and Communication Engineering)	RT42043C	Embedded systems
320	70	B. Tech. (Electronics and Communication Engineering)	RT42043D	RF Circuit Design
321	71	B. Tech. (Electronics and Communication Engineering)	RT42043E	Cloud Computing
322	72	B. Tech. (Electronics and Communication Engineering)	RT42044A	Wireless Sensors and Networks
323	73	B. Tech. (Electronics and Communication Engineering)	RT42044B	System on Chip
324	74	B. Tech. (Electronics and Communication Engineering)	RT42044C	Low Power IC Design
325	75	B. Tech. (Electronics and Communication Engineering)	RT42044D	Bio-Medical Instrumentation
326	76	B. Tech. (Electronics and Communication Engineering)	RT42044E	EMI/EMC
327	77	B. Tech. (Electronics and Communication Engineering)	RT42045	Project and Seminar
328	1	B. Tech. (Computer Science and Engineering)	171BS3T08	Mathematical Foundations of Computer Science
329	2	B. Tech. (Computer Science and Engineering)	171CS2T01	Data Structures through c
330	3	B. Tech. (Computer Science and Engineering)	171CS3L01	Object Oriented Programming Lab
331	4	B. Tech. (Computer Science and Engineering)	171CS3L02	Advanced Data Structures Lab
332	5	B. Tech. (Computer Science and Engineering)	171CS3T02	Statistics with R Programming
333	6	B. Tech. (Computer Science and Engineering)	171CS3T03	Object Oriented Programming Through C++
334	7	B. Tech. (Computer Science and Engineering)	171CS3T04	Advanced Data Structures
335	8	B. Tech. (Computer Science and Engineering)	171CS4L03	Java Programming Lab
336	9	B. Tech. (Computer Science and Engineering)	171CS4L04	Database Management Systems Lab
337	10	B. Tech. (Computer Science and Engineering)	171CS4T05	Software Engineering
338	11	B. Tech. (Computer Science and Engineering)	171CS4T06	Formal Languages and Automata Theory
339	12	B. Tech. (Computer Science and Engineering)	171CS4T07	Java Programming
340	13	B. Tech. (Computer Science and Engineering)	171CS4T08	Database Management Systems
341	14	B. Tech. (Computer Science and Engineering)	171CS4T09	Principles of Programming Languages
342	15	B. Tech. (Computer Science and Engineering)	171CS4T10	Computer Organization



S. No	Program-wise S. No	Program Name	Course Code	Course Name
343	16	B. Tech. (Computer Science and Engineering)	171ES3T23	Digital Logic Design
344	17	B. Tech. (Computer Science and Engineering)	191BS2T06	Chemistry of Materials
345	18	B. Tech. (Computer Science and Engineering)	191BS3T15	Numerical Methods and Integral Transforms
346	19	B. Tech. (Computer Science and Engineering)	PT42053C	Mobile Adhoc and Sensor Networks
347	20	B. Tech. (Computer Science and Engineering)	PT42053D	Pattern Recognition
348	21	B. Tech. (Computer Science and Engineering)	R1631051	Compiler Design
349	22	B. Tech. (Computer Science and Engineering)	R1631052	Unix and Shell Programming
350	23	B. Tech. (Computer Science and Engineering)	R1631053	Object Oriented Analysis and Design using UML
351	24	B. Tech. (Computer Science and Engineering)	R1631054	Database Management Systems
352	25	B. Tech. (Computer Science and Engineering)	R1631055	Operating Systems
353	26	B. Tech. (Computer Science and Engineering)	R1631056	Unified Modeling Lab
354	27	B. Tech. (Computer Science and Engineering)	R1631057	Operating System and Linux Programming Lab
355	28	B. Tech. (Computer Science and Engineering)	R1631058	Database Management System Lab
356	29	B. Tech. (Computer Science and Engineering)	R163201	Data Base Management Systems
357	30	B. Tech. (Computer Science and Engineering)	R1632051	Computer Networks
358	31	B. Tech. (Computer Science and Engineering)	R1632052	Data Warehousing and Mining
359	32	B. Tech. (Computer Science and Engineering)	R1632053	Design and Analysis of Algorithms
360	33	B. Tech. (Computer Science and Engineering)	R1632054	Software Testing Methodologies
361	34	B. Tech. (Computer Science and Engineering)	R1632055D	Digital Signal Processing
362	35	B. Tech. (Computer Science and Engineering)	R1632055E	Embbded Systems
363	36	B. Tech. (Computer Science and Engineering)	R1632056	Network Programming Lab
364	37	B. Tech. (Computer Science and Engineering)	R1632057	Software Testing Lab
365	38	B. Tech. (Computer Science and Engineering)	R1632058	Data Warehousing and Mining Lab
366	39	B. Tech. (Computer Science and Engineering)	R163205A	Artificial Intelligence
367	40	B. Tech. (Computer Science and Engineering)	R163205B	Internet of Things
368	41	B. Tech. (Computer Science and Engineering)	R163205C	Cyber Security
369	42	B. Tech. (Computer Science and Engineering)	R163205D	Digital Signal Processing
370	43	B. Tech. (Computer Science and Engineering)	R163205E	Embedded Systems
371	44	B. Tech. (Computer Science and Engineering)	R163205F	Robotics



S. No	Program-wise S. No	Program Name	Course Code	Course Name
372	45	B. Tech. (Computer Science and Engineering)	RT41051	Cryptography and Network Security
373	46	B. Tech. (Computer Science and Engineering)	RT41052	UML and Design Patterns
374	47	B. Tech. (Computer Science and Engineering)	RT41053	Mobile Computing
375	48	B. Tech. (Computer Science and Engineering)	RT41054	Software Testing Methodologies
376	49	B. Tech. (Computer Science and Engineering)	RT41055	Simulation Modeling
377	50	B. Tech. (Computer Science and Engineering)	RT41056	Information Retrieval Systems
378	51	B. Tech. (Computer Science and Engineering)	RT41057	Artificial Intelligence
379	52	B. Tech. (Computer Science and Engineering)	RT41058	Multimedia Computing
380	53	B. Tech. (Computer Science and Engineering)	RT41059	High Performance Computing
381	54	B. Tech. (Computer Science and Engineering)	RT4105A	Digital Forensics
382	55	B. Tech. (Computer Science and Engineering)	RT4105B	Hadoop and Big Data
383	56	B. Tech. (Computer Science and Engineering)	RT4105C	Software Project Management
384	57	B. Tech. (Computer Science and Engineering)	RT4105D	Machine Learning
385	58	B. Tech. (Computer Science and Engineering)	RT4105E	Advanced Databases
386	59	B. Tech. (Computer Science and Engineering)	RT4105L	UML and Design Patterns Lab
387	60	B. Tech. (Computer Science and Engineering)	RT4105M	Mobile Application Development Lab
388	61	B. Tech. (Computer Science and Engineering)	RT4105N	Software Testing Lab
389	62	B. Tech. (Computer Science and Engineering)	RT4105O	Hadoop and Bigdata Lab
390	63	B. Tech. (Computer Science and Engineering)	RT42051	Distributed Systems
391	64	B. Tech. (Computer Science and Engineering)	RT42052	Management Science
392	65	B. Tech. (Computer Science and Engineering)	RT42053A	Human Computer Interaction
393	66	B. Tech. (Computer Science and Engineering)	RT42053B	Advanced Operating Systems
394	67	B. Tech. (Computer Science and Engineering)	RT42053C	Mobile Adhoc and Sensor Networks
395	68	B. Tech. (Computer Science and Engineering)	RT42053D	Pattern Recognition
396	69	B. Tech. (Computer Science and Engineering)	RT42053E	Digital Image Processing
397	70	B. Tech. (Computer Science and Engineering)	RT42053F	Micro processors and Multi Core Systems
398	71	B. Tech. (Computer Science and Engineering)	RT42055	PROJECT
399	1	M. Tech. (Petroleum Engineering)	172PE1L01	Advanced Numerical Methods and Applied Statistics (MATLAB Based) Lab
400	2	M. Tech. (Petroleum Engineering)	172PE1T0	Non-PE Stream: Petroleum Drilling and Production Engineering



S. No	Program-wise S. No	Program Name	Course Code	Course Name
401	3	M. Tech. (Petroleum Engineering)	172PE1T01	Advanced Numerical Methods and Applied Statistics
402	4	M. Tech. (Petroleum Engineering)	172PE1T02	Transportation of Oil and Gas
403	5	M. Tech. (Petroleum Engineering)	172PE1T03	Advanced EOR Techniques for field developments
404	6	M. Tech. (Petroleum Engineering)	172PE1T04	Project Management
405	7	M. Tech. (Petroleum Engineering)	172PE1T05	PE Stream: Offshore Drilling
406	8	M. Tech. (Petroleum Engineering)	172PE1T06	Non-PE Stream: Fundamentals of Petroleum Geology and Reservoir Engineering
407	9	M. Tech. (Petroleum Engineering)	172PE1T07	Reservoir stimulation
408	10	M. Tech. (Petroleum Engineering)	172PE1T08	Non-PE Stream: Petroleum Drilling and Production Engineering
409	11	M. Tech. (Petroleum Engineering)	172PE2E01	Practical Reservoir Modeling and Simulation
410	12	M. Tech. (Petroleum Engineering)	172PE2E02	Optimization of Oil and Gas Production
411	13	M. Tech. (Petroleum Engineering)	172PE2E03	Flow Assurance
412	14	M. Tech. (Petroleum Engineering)	172PE2E04	Process Safety and Environmental Aspects in Petroleum Industry
413	15	M. Tech. (Petroleum Engineering)	172PE2E05	Deep Water Technologies
414	16	M. Tech. (Petroleum Engineering)	172PE2E06	Characterization of Petroleum Oils
415	17	M. Tech. (Petroleum Engineering)	172PE2L02	Reservoir Simulation Lab
416	18	M. Tech. (Petroleum Engineering)	172PE2T09	Advanced Natural Gas Engineering
417	19	M. Tech. (Petroleum Engineering)	172PE2T10	Artificial Lift Techniques
418	20	M. Tech. (Petroleum Engineering)	172PE2T11	Operational Aspects of Well Testing
419	21	M. Tech. (Petroleum Engineering)	172PE2T12	Integrated Reservoir Management
420	22	M. Tech. (Petroleum Engineering)	172PE3C01	Comprehensive Viva-Voce
421	23	M. Tech. (Petroleum Engineering)	172PE3R01	Seminar - I
422	24	M. Tech. (Petroleum Engineering)	172PE4R01	Project Work Part- - II
423	25	M. Tech. (Petroleum Engineering)	172PE4R02	Seminar - II
424	1	B. Tech. (Information Technology)	191BS2T07	Applied Physics
425	2	B. Tech. (Information Technology)	191BS4T16	Numerical Methods and Statistical Techniques
426	3	B. Tech. (Information Technology)	R1631121	Human Computer Interaction
427	4	B. Tech. (Information Technology)	R1631122	Advanced Java Programming
428	5	B. Tech. (Information Technology)	R1631123	Advanced Java Programming Lab
429	6	B. Tech. (Information Technology)	R1631124	Unix and Operating Systems Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
430	7	B. Tech. (Information Technology)	R1631125	Database Management System Lab
431	8	B. Tech. (Information Technology)	R1632121	Data Mining
432	9	B. Tech. (Information Technology)	R1632122	Web Technologies
433	10	B. Tech. (Information Technology)	R1632123A	Social Networks and Semantic Web
434	11	B. Tech. (Information Technology)	R1632123B	Operations Research
435	12	B. Tech. (Information Technology)	R1632124	Web Technologies Lab
436	13	B. Tech. (Information Technology)	R1632125	Software Testing Lab
437	14	B. Tech. (Information Technology)	R1632126	Data Mining Lab
438	15	B. Tech. (Information Technology)	RT41121	Embedded and Real Time Systems
439	16	B. Tech. (Information Technology)	RT41122	Computer Vision
440	17	B. Tech. (Information Technology)	RT4112L	UML and Design Patterns Lab
441	18	B. Tech. (Information Technology)	RT4112M	Mobile Application Development Lab
442	19	B. Tech. (Information Technology)	RT4112N	Hadoop and BigData Lab
443	20	B. Tech. (Information Technology)	RT4112O	Software Engineering Lab
444	21	B. Tech. (Information Technology)	RT42121	Mathematical Optimization
445	22	B. Tech. (Information Technology)	RT42122	Project
446	1	M. Tech. (Thermal Engineering)	172TE1E01	Gas Dynamics
447	2	M. Tech. (Thermal Engineering)	172TE1E02	Refrigeration and Cryogenics
448	3	M. Tech. (Thermal Engineering)	172TE1E03	Renewable Energy Technologies
449	4	M. Tech. (Thermal Engineering)	172TE1E04	Theory and Technologies of Fuel Cells
450	5	M. Tech. (Thermal Engineering)	172TE1E05	Advanced IC Engines
451	6	M. Tech. (Thermal Engineering)	172TE1E06	Solar Energy Technology
452	7	M. Tech. (Thermal Engineering)	172TE1E07	Turbo Machines
453	8	M. Tech. (Thermal Engineering)	172TE1E08	Alternative Fuels Technologies
454	9	M. Tech. (Thermal Engineering)	172TE1L01	Thermal Engineering Lab
455	10	M. Tech. (Thermal Engineering)	172TE1T01	Optimization Techniques and Applications
456	11	M. Tech. (Thermal Engineering)	172TE1T02	Advanced Thermodynamics
457	12	M. Tech. (Thermal Engineering)	172TE1T03	Advanced Heat and Mass Transfer
458	13	M. Tech. (Thermal Engineering)	172TE1T04	Advanced Fluid Mechanics

S. No	Program-wise S. No	Program Name	Course Code	Course Name
459	14	M. Tech. (Thermal Engineering)	172TE2E09	Materials Technology
460	15	M. Tech. (Thermal Engineering)	172TE2E10	Convective Heat Transfer
461	16	M. Tech. (Thermal Engineering)	172TE2E11	Thermal and Nuclear Power Plants
462	17	M. Tech. (Thermal Engineering)	172TE2E12	Advanced Automobile Engg
463	18	M. Tech. (Thermal Engineering)	172TE2E13	Thermal Measurements and Process Controls
464	19	M. Tech. (Thermal Engineering)	172TE2E14	Cryogenic Engineering
465	20	M. Tech. (Thermal Engineering)	172TE2E15	Jet Propulsion and Rocketry
466	21	M. Tech. (Thermal Engineering)	172TE2E16	Equipment Design for Thermal Systems
467	22	M. Tech. (Thermal Engineering)	172TE2L02	Thermal Systems Design Lab
468	23	M. Tech. (Thermal Engineering)	172TE2T05	Fuels, Combustion and Environment
469	24	M. Tech. (Thermal Engineering)	172TE2T06	Energy Management
470	25	M. Tech. (Thermal Engineering)	172TE2T07	Computational Fluid Dynamics
471	26	M. Tech. (Thermal Engineering)	172TE2T08	Finite Element Method
472	27	M. Tech. (Thermal Engineering)	172TE3C01	Comprehensive Viva-Voce
473	28	M. Tech. (Thermal Engineering)	172TE3R01	Seminar – I
474	29	M. Tech. (Thermal Engineering)	172TE4C02	Seminar – II
475	30	M. Tech. (Thermal Engineering)	172TE4P01	Project Work Part - II
476	1	M. Tech. (Software Engineering)	171SO3C01	Comprehensive Viva-Voce
477	2	M. Tech. (Software Engineering)	171SO3R01	Seminar - I
478	3	M. Tech. (Software Engineering)	171SO4P01	Project Work Part- - II
479	4	M. Tech. (Software Engineering)	171SO4R02	Seminar - II
480	5	M. Tech. (Software Engineering)	172SO1E01	Web Technologies
481	6	M. Tech. (Software Engineering)	172SO1E02	Middleware Technologies
482	7	M. Tech. (Software Engineering)	172SO1E03	Mobile Computing
483	8	M. Tech. (Software Engineering)	172SO1E04	E-Commerce
484	9	M. Tech. (Software Engineering)	172SO1E05	Scripting Languages
485	10	M. Tech. (Software Engineering)	172SO1E06	ERP and Supply Chain Management
486	11	M. Tech. (Software Engineering)	172SO1L01	Web Technologies and Big Data Analytics Lab
487	12	M. Tech. (Software Engineering)	172SO1T01	Software Requirements And Estimation



S. No	Program-wise S. No	Program Name	Course Code	Course Name
488	13	M. Tech. (Software Engineering)	172SO1T02	Software Metrics And Reuse
489	14	M. Tech. (Software Engineering)	172SO1T03	Software Project And Process Management
490	15	M. Tech. (Software Engineering)	172SO1T04	Big Data Analytics
491	16	M. Tech. (Software Engineering)	172SO2E07	Secure Software Engineering
492	17	M. Tech. (Software Engineering)	172SO2E08	Systems Engineering
493	18	M. Tech. (Software Engineering)	172SO2E09	Soft Computing
494	19	M. Tech. (Software Engineering)	172SO2E10	User Interface Design
495	20	M. Tech. (Software Engineering)	172SO2L02	Software Testing and Design Patterns Lab
496	21	M. Tech. (Software Engineering)	172SO2T05	Software Architecture And Design Patterns
497	22	M. Tech. (Software Engineering)	172SO2T06	Software Quality Assurance And Testing
498	23	M. Tech. (Software Engineering)	172SO2T07	Service Oriented Architectures
499	1	B. Tech. (Mining Engineering)	171BS4T10	Probability and Statistics
500	2	B. Tech. (Mining Engineering)	171MI3T01	Introduction To Mining Technology
501	3	B. Tech. (Mining Engineering)	171MI3T02	Basic Mechanical Engineering For Mines
502	4	B. Tech. (Mining Engineering)	171MI3T03	Mining Geology-I
503	5	B. Tech. (Mining Engineering)	171MI4L01	Geology Lab
504	6	B. Tech. (Mining Engineering)	171MI4L02	Computer Application In Mining Lab
505	7	B. Tech. (Mining Engineering)	171MI4T04	Computer Application In Mining
506	8	B. Tech. (Mining Engineering)	171MI4T05	Mining Geology –II
507	9	B. Tech. (Mining Engineering)	171MI4T06	Mine Surveying – I
508	10	B. Tech. (Mining Engineering)	171MI4T07	Surface Mining
509	11	B. Tech. (Mining Engineering)	171MI4T08	Fundamentals Of Rock Mechanics
510	12	B. Tech. (Mining Engineering)	191BS2T10	Numerical Methods and Complex Variables
511	13	B. Tech. (Mining Engineering)	191BS4T19	Complex Variables and Statistical Methods
512	14	B. Tech. (Mining Engineering)	191HS1T01	Communicative English
513	15	B. Tech. (Mining Engineering)	R1631261	Underground Coal Mining Technology
514	16	B. Tech. (Mining Engineering)	R1631262	Mine Environment Engineering – I
515	17	B. Tech. (Mining Engineering)	R1631263	Electrical Equipment in Mines
516	18	B. Tech. (Mining Engineering)	R1631264	Mine Surveying– II



S. No	Program-wise S. No	Program Name	Course Code	Course Name
517	19	B. Tech. (Mining Engineering)	R1631265	Mining Machinery and Mechanization – I
518	20	B. Tech. (Mining Engineering)	R1631266	Advanced English Communication Skills Lab
519	21	B. Tech. (Mining Engineering)	R1631267	Mine Surveying Lab
520	22	B. Tech. (Mining Engineering)	R1631268	Mechanical Engineering Lab
521	23	B. Tech. (Mining Engineering)	R1631269	Mine Field visit(Mandatory)
522	24	B. Tech. (Mining Engineering)	R1632261	Mine Systems Engineering
523	25	B. Tech. (Mining Engineering)	R1632262	Mineral Engineering and Fuel Technology
524	26	B. Tech. (Mining Engineering)	R1632263	Mine Environmental Engineering – II
525	27	B. Tech. (Mining Engineering)	R1632264	Mining Machinery and Mechanization – II
526	28	B. Tech. (Mining Engineering)	R1632265A	Quality and Reliability Engineering
527	29	B. Tech. (Mining Engineering)	R1632265B	Rock Excavation Engineering
528	30	B. Tech. (Mining Engineering)	R1632266	Mineral Engineering Lab
529	31	B. Tech. (Mining Engineering)	R1632267	Environmental Engineering Lab
530	32	B. Tech. (Mining Engineering)	R1632268	Mine Planning and Design Lab
531	33	B. Tech. (Mining Engineering)	R1632269	Mine Safety Engineering
532	34	B. Tech. (Mining Engineering)	RT41261	Mine Economics
533	35	B. Tech. (Mining Engineering)	RT41262	Computer Applications in Mining
534	36	B. Tech. (Mining Engineering)	RT41263	Rock Mechanics and Ground Control
535	37	B. Tech. (Mining Engineering)	RT41264	Mine Legislation and General Safety
536	38	B. Tech. (Mining Engineering)	RT41265	Industrial Robotics
537	39	B. Tech. (Mining Engineering)	RT41266	Environmental Impact Assessment
538	40	B. Tech. (Mining Engineering)	RT41267	Numerical Methods
539	41	B. Tech. (Mining Engineering)	RT41268	Industrial Management
540	42	B. Tech. (Mining Engineering)	RT4126L	Computer Applications in Mining Lab
541	43	B. Tech. (Mining Engineering)	RT4126M	Rock Mechanics and Ground Control Lab
542	44	B. Tech. (Mining Engineering)	RT4126N	Short Survey Camp (One Week)
543	45	B. Tech. (Mining Engineering)	RT42262A	Deep Sea Mining
544	46	B. Tech. (Mining Engineering)	RT42262B	Mine Construction
545	47	B. Tech. (Mining Engineering)	RT42262C	Tunneling Engineering



S. No	Program-wise S. No	Program Name	Course Code	Course Name
546	48	B. Tech. (Mining Engineering)	RT42263A	Planning of Under Ground Metal Mining Project
547	49	B. Tech. (Mining Engineering)	RT42263B	Project
548	50	B. Tech. (Mining Engineering)	RT42263C	Planning of Surface Mining Projects
549	51	B. Tech. (Mining Engineering)	RT42264A	Maintenance & Reliability Engineering
550	52	B. Tech. (Mining Engineering)	RT42264B	Rock Excavation Engineering
551	53	B. Tech. (Mining Engineering)	RT42264C	Mine Health and Safety Engineering
552	54	B. Tech. (Mining Engineering)	RT42265	Project
553	1	B. Tech. (Petroleum Technology)*	171BS3T10	Probability and Statistics
554	2	B. Tech. (Petroleum Technology)	171ES3T18	Surveying and Offshore Structures
555	3	B. Tech. (Petroleum Technology)	171ES3T19	Properties and Strength of Materials
556	4	B. Tech. (Petroleum Technology)	171PT3T01	Chemical Process Calculations
557	5	B. Tech. (Petroleum Technology)	171PT4L01	Momentum Transfer Lab
558	6	B. Tech. (Petroleum Technology)	171PT4L02	Process Heat Transfer Lab
559	7	B. Tech. (Petroleum Technology)	171PT4T02	Momentum Transfer
560	8	B. Tech. (Petroleum Technology)	171PT4T03	Petroleum Geology
561	9	B. Tech. (Petroleum Technology)	171PT4T04	Thermodynamics for Petroleum Engineers
562	10	B. Tech. (Petroleum Technology)	171PT4T05	Process Heat Transfer
563	11	B. Tech. (Petroleum Technology)	191BS2T08	Transform Techniques
564	12	B. Tech. (Petroleum Technology)	191BS4T17	Numerical Methods and Complex variables
565	13	B. Tech. (Petroleum Technology)	R1631271	Process Dynamics and Control
566	14	B. Tech. (Petroleum Technology)	R1631272	Process Instrumentation
567	15	B. Tech. (Petroleum Technology)	R1631273	Well Logging and Formation Evaluation
568	16	B. Tech. (Petroleum Technology)	R1631274	Drilling Technology
569	17	B. Tech. (Petroleum Technology)	R1631275	Mathematical Methods Lab
570	18	B. Tech. (Petroleum Technology)	R1631276	Instrumentation Process Dynamics and Control Lab
571	19	B. Tech. (Petroleum Technology)	R1631277	Drilling Fluids Lab
572	20	B. Tech. (Petroleum Technology)	R1631278	Industrial Visits
573	21	B. Tech. (Petroleum Technology)	R1631279	Mini Project-I
574	22	B. Tech. (Petroleum Technology)	R1632271	Well Completions Testing and Servicing



S.No	Program-wise S. No	Program Name	Course Code	Course Name
575	23	B. Tech. (Petroleum Technology)	R1632272	Petroleum Production Engineering
576	24	B. Tech. (Petroleum Technology)	R1632273	Petroleum Reservoir Engineering-I
577	25	B. Tech. (Petroleum Technology)	R1632274	Petroleum Refinery and Petrochemical Engineering
578	26	B. Tech. (Petroleum Technology)	R1632276	Drilling Simulation Lab
579	27	B. Tech. (Petroleum Technology)	R1632277	Petroleum Analysis Lab
580	28	B. Tech. (Petroleum Technology)	R1632278	Petroleum Reservoir Engineering Lab
581	29	B. Tech. (Petroleum Technology)	R1632279	Summer Internship
582	30	B. Tech. (Petroleum Technology)	R163227A	Electronoic instrument
583	31	B. Tech. (Petroleum Technology)	R163227B	Fundamentals of Liquefied Natural Gas
584	32	B. Tech. (Petroleum Technology)	R163227C	Big data analytics
585	33	B. Tech. (Petroleum Technology)	R163227D	Alternative energy sources for automobiles
586	34	B. Tech. (Petroleum Technology)	R163227E	Computational fluid Dynamics
587	35	B. Tech. (Petroleum Technology)	R1632280	Mini Project-II
588	36	B. Tech. (Petroleum Technology)	RT41271	Integrated asset management
589	37	B. Tech. (Petroleum Technology)	RT41272	Enhanced oil recovery techniques
590	38	B. Tech. (Petroleum Technology)	RT41273	Hse and fe in petroleum industry
591	39	B. Tech. (Petroleum Technology)	RT41274	petroleum reservoir engineering ii
592	40	B. Tech. (Petroleum Technology)	RT41279	coal bed methane engineering
593	41	B. Tech. (Petroleum Technology)	RT4127L	petroleum equipment design and simulation lab
594	42	B. Tech. (Petroleum Technology)	RT4127M	petroleum reservoir engineering lab
595	43	B. Tech. (Petroleum Technology)	RT4127N	presentation of sip report
596	44	B. Tech. (Petroleum Technology)	RT41310	Computational Fluid Dynamics
597	45	B. Tech. (Petroleum Technology)	RT42271	petroleum economics and regulations and policies
598	46	B. Tech. (Petroleum Technology)	RT42272A	Reservoir modeling and simulation
599	47	B. Tech. (Petroleum Technology)	RT42272B	Horizontal well technology
600	48	B. Tech. (Petroleum Technology)	RT42272C	Lng-processes and transportation and storage
601	49	B. Tech. (Petroleum Technology)	RT42273A	Reservoir stimulation
602	50	B. Tech. (Petroleum Technology)	RT42273B	Subsea engineering
603	51	B. Tech. (Petroleum Technology)	RT42273C	Fundamentals of multiphase flow



S. No	Program-wise S. No	Program Name	Course Code	Course Name
604	52	B. Tech. (Petroleum Technology)	RT42274A	Natural gas hydrates
605	53	B. Tech. (Petroleum Technology)	RT42274B	Advanced natural gas engineering
606	54	B. Tech. (Petroleum Technology)	RT42274C	Petroleum biotechnology
607	55	B. Tech. (Petroleum Technology)	RT42275	Project
608	1	B. Tech. (Agricultural Engineering)	171AG3L01	Soil Science and Agronomy Field Lab
609	2	B. Tech. (Agricultural Engineering)	171AG3T01	Principles of Soil Science and Agronomy
610	3	B. Tech. (Agricultural Engineering)	171AG3T02	Renewable Energy Sources
611	4	B. Tech. (Agricultural Engineering)	171AG3T03	Ground Water Hydrology , Wells and Pumps
612	5	B. Tech. (Agricultural Engineering)	171AG4T04	Thermodynamics and Refrigeration Systems
613	6	B. Tech. (Agricultural Engineering)	171AG4T05	Heat and Mass Transfer
614	7	B. Tech. (Agricultural Engineering)	171AG4T06	Soil Mechanics
615	8	B. Tech. (Agricultural Engineering)	171AG4T07	Surface Water Hydrology
616	9	B. Tech. (Agricultural Engineering)	171AG4T08	Engineering Properties of Biological Materials and Food Quality
617	10	B. Tech. (Agricultural Engineering)	191BS2T09	Engineering Chemistry
618	11	B. Tech. (Agricultural Engineering)	191BS4T18	Probability & Statistics
619	12	B. Tech. (Agricultural Engineering)	R1631351	Thermodynamics and Refrigeration systems
620	13	B. Tech. (Agricultural Engineering)	R1631352	Soil and Water Conservation Engineering
621	14	B. Tech. (Agricultural Engineering)	R1631353	Agricultural Process Engineering
622	15	B. Tech. (Agricultural Engineering)	R1631354	Engineering Properties of Biological Materials and Food Quality
623	16	B. Tech. (Agricultural Engineering)	R1631355	Managerial Economics and Financial Analysis
624	17	B. Tech. (Agricultural Engineering)	R1631356	Agricultural Process Engineering Lab
625	18	B. Tech. (Agricultural Engineering)	R1631357	Advanced English Communications Skills Lab
626	19	B. Tech. (Agricultural Engineering)	R1631358	Field Operation and Maintenance of Tractors Lab - 1
627	20	B. Tech. (Agricultural Engineering)	R1632351	Irrigation and Drainage Engineering
628	21	B. Tech. (Agricultural Engineering)	R1632352	Farm Machinery and Equipment - I
629	22	B. Tech. (Agricultural Engineering)	R1632353	Design of Soil Water Conservation and Farm Structures
630	23	B. Tech. (Agricultural Engineering)	R1632354	Dairy and Food Engineering
631	24	B. Tech. (Agricultural Engineering)	R1632356	Farm Machinery Lab - 1
632	25	B. Tech. (Agricultural Engineering)	R1632357	Field Operation and Maintenance of Tractors Lab - 2



S. No	Program-wise S. No	Program Name	Course Code	Course Name
633	26	B. Tech. (Agricultural Engineering)	R1632358	Soil and Water Engineering Lab
634	27	B. Tech. (Agricultural Engineering)	R163235A	Operations Research
635	28	B. Tech. (Agricultural Engineering)	R163235B	Digital Control Systems
636	29	B. Tech. (Agricultural Engineering)	R163235C	Robotics& Automation
637	30	B. Tech. (Agricultural Engineering)	R163235D	Industrial Pollution Control Engineering
638	31	B. Tech. (Agricultural Engineering)	R163235E	Finite Element Method
639	32	B. Tech. (Agricultural Engineering)	R163235F	Water Resources System Planning and Management
640	33	B. Tech. (Agricultural Engineering)	RT41351	Micro irrigation engineering
641	34	B. Tech. (Agricultural Engineering)	RT41352	Farm machinery and equipments II
642	35	B. Tech. (Agricultural Engineering)	RT41353	Post harvest engineering for horticulture produce
643	36	B. Tech. (Agricultural Engineering)	RT41354	Mechanical measurements and instrumentation
644	37	B. Tech. (Agricultural Engineering)	RT41355	Seed processing and storage engineering
645	38	B. Tech. (Agricultural Engineering)	RT41356	Managerial economics & financial Analysis
646	39	B. Tech. (Agricultural Engineering)	RT41357	Food processing plant design and layout
647	40	B. Tech. (Agricultural Engineering)	RT41358	Watershed management
648	41	B. Tech. (Agricultural Engineering)	RT41359	Food packaging technology
649	42	B. Tech. (Agricultural Engineering)	RT4135L	Field operation and maintenance of tractors and farm machinery lab
650	43	B. Tech. (Agricultural Engineering)	RT4135M	Dairy and food engineering lab
651	44	B. Tech. (Agricultural Engineering)	RT42351	Design of agricultural machinery
652	45	B. Tech. (Agricultural Engineering)	RT42352	Agro industries and bi-product utilization
653	46	B. Tech. (Agricultural Engineering)	RT42353A	GIS and remote sensing
654	47	B. Tech. (Agricultural Engineering)	RT42353B	Human engineering and safety
655	48	B. Tech. (Agricultural Engineering)	RT42353C	Production technology of agricultural machinery
656	49	B. Tech. (Agricultural Engineering)	RT42354A	Minor irrigation and command area development
657	50	B. Tech. (Agricultural Engineering)	RT42354B	Hydraulic devices and control
658	51	B. Tech. (Agricultural Engineering)	RT42354C	Principles of entrepreneurship
659	52	B. Tech. (Agricultural Engineering)	RT42355	Project work
660	1	M. Tech. (Power Electronics and Drives)	172PD1E01	Modern Control Theory
661	2	M. Tech. (Power Electronics and Drives)	172PD1E02	Power Quality



S. No	Program-wise S. No	Program Name	Course Code	Course Name
662	3	M. Tech. (Power Electronics and Drives)	172PD1E03	Optimization Techniques
663	4	M. Tech. (Power Electronics and Drives)	172PD1E04	Energy Auditing, Conservation and Management
664	5	M. Tech. (Power Electronics and Drives)	172PD1E05	Artificial Intelligence Techniques
665	6	M. Tech. (Power Electronics and Drives)	172PD1E06	HVDC Transmission
666	7	M. Tech. (Power Electronics and Drives)	172PD1L01	Simulation Lab
667	8	M. Tech. (Power Electronics and Drives)	172PD1T01	Electrical Machine Modeling and Analysis
668	9	M. Tech. (Power Electronics and Drives)	172PD1T02	Analysis of Power Electronic Converters
669	10	M. Tech. (Power Electronics and Drives)	172PD1T03	Power Electronic Control of DC Drives
670	11	M. Tech. (Power Electronics and Drives)	172PD1T04	Flexible AC Transmission Systems
671	12	M. Tech. (Power Electronics and Drives)	172PD2E07	Renewable Energy Systems
672	13	M. Tech. (Power Electronics and Drives)	172PD2E08	Reactive Power Compensation and Management
673	14	M. Tech. (Power Electronics and Drives)	172PD2E09	Electrical Distribution System
674	15	M. Tech. (Power Electronics and Drives)	172PD2E10	Smart Grid Technologies
675	16	M. Tech. (Power Electronics and Drives)	172PD2E11	Special Machines
676	17	M. Tech. (Power Electronics and Drives)	172PD2E12	Programmable Logic Controllers and Applications
677	18	M. Tech. (Power Electronics and Drives)	172PD2L02	Power Converters and Drives Lab
678	19	M. Tech. (Power Electronics and Drives)	172PD2T05	Switched Mode Power Conversion
679	20	M. Tech. (Power Electronics and Drives)	172PD2T06	Power Electronics Control of AC Drives
680	21	M. Tech. (Power Electronics and Drives)	172PD2T07	Digital Controllers
681	22	M. Tech. (Power Electronics and Drives)	172PD2T08	Custom Power Devices
682	23	M. Tech. (Power Electronics and Drives)	172PD3C01	Comprehensive Viva-Voce
683	24	M. Tech. (Power Electronics and Drives)	172PD3P01	Project Work Part – I
684	25	M. Tech. (Power Electronics and Drives)	172PD3R01	Seminar – I
685	26	M. Tech. (Power Electronics and Drives)	172PD4P01	Project Work Part- - II
686	27	M. Tech. (Power Electronics and Drives)	172PD4R02	Seminar – II
687	1	M. Tech. (Embedded Systems)	172EM1E01	Cyber Security
688	2	M. Tech. (Embedded Systems)	172EM1E02	Sensors and Actuators
689	3	M. Tech. (Embedded Systems)	172EM1E03	Soft Computing Techniques
690	4	M. Tech. (Embedded Systems)	172EM1E04	Embedded Computing



S.No	Program-wise S. No	Program Name	Course Code	Course Name
691	5	M. Tech. (Embedded Systems)	172EM1E05	Device Drivers
692	6	M. Tech. (Embedded Systems)	172EM1E06	network security and cryptography
693	7	M. Tech. (Embedded Systems)	172EM1E07	Advanced Computer Architecture
694	8	M. Tech. (Embedded Systems)	172EM1L01	Embedded Systems Lab
695	9	M. Tech. (Embedded Systems)	172EM1T01	Digital System Design
696	10	M. Tech. (Embedded Systems)	172EM1T02	Embedded System Design
697	11	M. Tech. (Embedded Systems)	172EM1T03	Real Time Operating Systems
698	12	M. Tech. (Embedded Systems)	172EM1T04	Embedded - C
699	13	M. Tech. (Embedded Systems)	172EM2E08	System on Chip Design
700	14	M. Tech. (Embedded Systems)	172EM2E09	MEMS Design
701	15	M. Tech. (Embedded Systems)	172EM2E10	Internet Protocols
702	16	M. Tech. (Embedded Systems)	172EM2E11	Wireless LANs and PANs
703	17	M. Tech. (Embedded Systems)	172EM2E12	Multimedia and Signal Coding
704	18	M. Tech. (Embedded Systems)	172EM2L02	Embedded Real Time Systems Lab
705	19	M. Tech. (Embedded Systems)	172EM2T05	Hardware Software Co - Design
706	20	M. Tech. (Embedded Systems)	172EM2T06	DSP Processors and Architectures
707	21	M. Tech. (Embedded Systems)	172EM2T07	Embedded Networking
708	22	M. Tech. (Embedded Systems)	172EM2T08	CPLD / FPGA Architectures and Applications
709	23	M. Tech. (Embedded Systems)	172EM3C01	Comprehensive Viva-Voce
710	24	M. Tech. (Embedded Systems)	172EM3R01	Seminar - I
711	25	M. Tech. (Embedded Systems)	172EM4P01	Project Work Part- - II
712	26	M. Tech. (Embedded Systems)	172EM4R02	Seminar - II
713	1	M. Tech. (Computer Science & Engineering)	172C04P01	Project Work Part- - II
714	2	M. Tech. (Computer Science & Engineering)	172C01E01	Software Engineering
715	3	M. Tech. (Computer Science & Engineering)	172C01E02	Advanced Operating Systems
716	4	M. Tech. (Computer Science & Engineering)	172C01E03	Compiler Design
717	5	M. Tech. (Computer Science & Engineering)	172C01E04	Human Computer Interaction
718	6	M. Tech. (Computer Science & Engineering)	172C01L01	Advanced Data Structures and Database Management Systems Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
719	7	M. Tech. (Computer Science & Engineering)	172CO1T01	Advanced Data Structures and Algorithm Analysis
720	8	M. Tech. (Computer Science & Engineering)	172CO1T02	Database Management System
721	9	M. Tech. (Computer Science & Engineering)	172CO1T03	Computer Organization and Architecture
722	10	M. Tech. (Computer Science & Engineering)	172CO1T04	Mathematical Foundations Of Computer Science
723	11	M. Tech. (Computer Science & Engineering)	172CO1T05	Computer Networks
724	12	M. Tech. (Computer Science & Engineering)	172CO2E05	Machine Learning
725	13	M. Tech. (Computer Science & Engineering)	172CO2E06	Digital Image Processing
726	14	M. Tech. (Computer Science & Engineering)	172CO2E07	Mobile Computing
727	15	M. Tech. (Computer Science & Engineering)	172CO2E08	Cloud Computing
728	16	M. Tech. (Computer Science & Engineering)	172CO2E09	Internet Of Things
729	17	M. Tech. (Computer Science & Engineering)	172CO2E10	Bio Informatics
730	18	M. Tech. (Computer Science & Engineering)	172CO2L02	Advanced Unix Programming and Hadoop and Bigdata Lab
731	19	M. Tech. (Computer Science & Engineering)	172CO2T06	Cyber Security
732	20	M. Tech. (Computer Science & Engineering)	172CO2T07	Data Ware Housing and Data Mining
733	21	M. Tech. (Computer Science & Engineering)	172CO2T08	Big Data Analytics
734	22	M. Tech. (Computer Science & Engineering)	172CO2T09	Advanced Unix Programming
735	23	M. Tech. (Computer Science & Engineering)	172CO3C01	Comprehensive Viva-Voce
736	24	M. Tech. (Computer Science & Engineering)	172CO3R01	Seminar - I
737	25	M. Tech. (Computer Science & Engineering)	172CO4R02	Seminar - II
738	1	M. Tech. (VLSI Design)	172VD1E01	Digital Design using HDL
739	2	M. Tech. (VLSI Design)	172VD1E02	CPLD / FPGA Architectures and Applications
740	3	M. Tech. (VLSI Design)	172VD1E03	Hardware Software Co - Design
741	4	M. Tech. (VLSI Design)	172VD1L01	Front End VLSI Design - Lab
742	5	M. Tech. (VLSI Design)	172VD1T01	VLSI Technology and Design
743	6	M. Tech. (VLSI Design)	172VD1T02	CMOS Analog IC Design
744	7	M. Tech. (VLSI Design)	172VD1T03	CMOS Digital IC Design
745	8	M. Tech. (VLSI Design)	172VD2E04	CAD for VLSI
746	9	M. Tech. (VLSI Design)	172VD2E05	VLSI Signal Processing
747	10	M. Tech. (VLSI Design)	172VD2E06	Optimization Techniques in VLSI Design



S.No	Program-wise S. No	Program Name	Course Code	Course Name
748	11	M. Tech. (VLSI Design)	172VD2E07	Semiconductor Memory Design and Testing
749	12	M. Tech. (VLSI Design)	172VD2L02	Back end VLSI Design Laboratory
750	13	M. Tech. (VLSI Design)	172VD2T04	CMOS Mixed Signal Circuit Design
751	14	M. Tech. (VLSI Design)	172VD2T05	Embedded System Design
752	15	M. Tech. (VLSI Design)	172VD2T06	Low Power VLSI Design
753	16	M. Tech. (VLSI Design)	172VD2T07	Design For Testability
754	17	M. Tech. (VLSI Design)	172VD3C01	Comprehensive Viva-Voce
755	18	M. Tech. (VLSI Design)	172VD3R01	Seminar – I
756	19	M. Tech. (VLSI Design)	172VD4P01	Project Work Part - II
757	20	M. Tech. (VLSI Design)	172VD4R02	Seminar – II
758	1	M. Tech. (Structural Engineering)	172SE1E01	Experimental Stress Analysis
759	2	M. Tech. (Structural Engineering)	172SE1E02	Sub Structure Design
760	3	M. Tech. (Structural Engineering)	172SE1E03	Structural Optimization
761	4	M. Tech. (Structural Engineering)	172SE1E04	Repair and Rehabilitation of Structures
762	5	M. Tech. (Structural Engineering)	172SE1E05	Analysis and Design of Tall Building
763	6	M. Tech. (Structural Engineering)	172SE1E06	Plastic Analysis and Design
764	7	M. Tech. (Structural Engineering)	172SE1L01	Advanced Structural Engineering Laboratory
765	8	M. Tech. (Structural Engineering)	172SE1T01	Advanced Mathematics
766	9	M. Tech. (Structural Engineering)	172SE1T02	Theory of Elasticity
767	10	M. Tech. (Structural Engineering)	172SE1T03	Matrix Analysis of Structures
768	11	M. Tech. (Structural Engineering)	172SE1T04	Structural Dynamics
769	12	M. Tech. (Structural Engineering)	172SE2E07	Prestressed Concrete
770	13	M. Tech. (Structural Engineering)	172SE2E08	Mechanics of Composite Materials
771	14	M. Tech. (Structural Engineering)	172SE2E09	Fracture Mechanics
772	15	M. Tech. (Structural Engineering)	172SE2E10	Industrial Structures
773	16	M. Tech. (Structural Engineering)	172SE2E11	Bridge Engineering
774	17	M. Tech. (Structural Engineering)	172SE2E12	Earth Retaining Structures
775	18	M. Tech. (Structural Engineering)	172SE2L02	CAD Laboratory
776	19	M. Tech. (Structural Engineering)	172SE2T05	Finite Element Method



S. No	Program-wise S. No	Program Name	Course Code	Course Name
777	20	M. Tech. (Structural Engineering)	172SE2T06	Earthquake Resistant Design
778	21	M. Tech. (Structural Engineering)	172SE2T07	Stability of Structures
779	22	M. Tech. (Structural Engineering)	172SE2T08	Theory of Plates & Shells
780	23	M. Tech. (Structural Engineering)	172SE3C01	Comprehensive Viva - Voce
781	24	M. Tech. (Structural Engineering)	172SE3R01	Seminar-I
782	25	M. Tech. (Structural Engineering)	172SE4P01	Project Work Part- - II
783	26	M. Tech. (Structural Engineering)	172SE4R02	Seminar -II
784	1	Master of Business Administration	174FI3E01	Security Analysis & Portfolio Management
785	2	Master of Business Administration	174FI3E02	Banking & Insurance Management
786	3	Master of Business Administration	174FI3E03	Advance Management Accounting
787	4	Master of Business Administration	174FI3E04	Strategic Financial Management
788	5	Master of Business Administration	174FI4E01	Financial Markets & Services
789	6	Master of Business Administration	174FI4E02	Global Financial Management
790	7	Master of Business Administration	174FI4E03	Risk Management
791	8	Master of Business Administration	174FI4E04	Tax Management
792	9	Master of Business Administration	174HR3E01	Leadership Management
793	10	Master of Business Administration	174HR3E02	Compensation & Reward Management
794	11	Master of Business Administration	174HR3E03	Performance Management
795	12	Master of Business Administration	174HR3E04	Strategic Human Resource Management
796	13	Master of Business Administration	174HR4E01	Organizational Development & Change Management
797	14	Master of Business Administration	174HR4E02	Global Human Resource Management
798	15	Master of Business Administration	174HR4E03	Labor Welfare & Legislation
799	16	Master of Business Administration	174HR4E04	Management of Industrial Relations
800	17	Master of Business Administration	174MA3E01	Consumer Behavior
801	18	Master of Business Administration	174MA3E02	Retail Management
802	19	Master of Business Administration	174MA3E03	Customer Relationship Management
803	20	Master of Business Administration	174MA3E04	Strategic Marketing
804	21	Master of Business Administration	174MA4E01	Services Marketing



S. No	Program-wise S. No	Program Name	Course Code	Course Name
805	22	Master of Business Administration	174MA4E02	Promotional Distribution Management
806	23	Master of Business Administration	174MA4E03	Global Marketing Management
807	24	Master of Business Administration	174MA4E04	Supply Chain Management
808	25	Master of Business Administration	174MB1L01	IT - LAB
809	26	Master of Business Administration	174MB1T01	Principles of Management
810	27	Master of Business Administration	174MB1T02	Managerial Economics
811	28	Master of Business Administration	174MB1T03	Accounting for Managers
812	29	Master of Business Administration	174MB1T04	Managerial Communication & Soft Skills
813	30	Master of Business Administration	174MB1T05	Business Environment
814	31	Master of Business Administration	174MB1T06	Quantitative Analysis for Business Decisions
815	32	Master of Business Administration	174MB2P01	Minor Project
816	33	Master of Business Administration	174MB2T07	Financial Management
817	34	Master of Business Administration	174MB2T08	Human Resource Management
818	35	Master of Business Administration	174MB2T09	Marketing Management
819	36	Master of Business Administration	174MB2T10	Production & Operations Management
820	37	Master of Business Administration	174MB2T11	Business Research Methods
821	38	Master of Business Administration	174MB2T12	Organizational Behavior
822	39	Master of Business Administration	174MB3T13	Strategic Management
823	40	Master of Business Administration	174MB3T14	Legal Aspects of Business
824	41	Master of Business Administration	174MB3T15	Business Ethics & Corporate Governance
825	42	Master of Business Administration	174MB4P02	Major Project
826	43	Master of Business Administration	174MB4T16	Logistic & Supply Chain Management
827	44	Master of Business Administration	174MB4T17	Entrepreneurship Development
828	45	Master of Business Administration	174SY3E01	E – Business+A770
829	46	Master of Business Administration	174SY3E02	Relational Database Management Systems
830	47	Master of Business Administration	174SY3E03	Web Designing
831	48	Master of Business Administration	174SY3E04	System Analysis & Design
832	49	Master of Business Administration	174SY4E01	Business Intelligence
833	50	Master of Business Administration	174SY4E02	Enterprise Resource Planning



S. No	Program-wise S. No	Program Name	Course Code	Course Name
834	51	Master of Business Administration	174SY4E03	Cyber Laws & Security
835	52	Master of Business Administration	174SY4E04	Information Systems Audit
836	1	Master of Computer Applications	173MC1L01	English Language Communication Skills Lab
837	2	Master of Computer Applications	173MC1L02	C Programming Lab
838	3	Master of Computer Applications	173MC1L03	Statistical Programming With R Lab
839	4	Master of Computer Applications	173MC1L04	Oops Through Java Lab
840	5	Master of Computer Applications	173MC1L05	Data Structures Lab
841	6	Master of Computer Applications	173MC1L06	Operating System & Computer Graphics Lab
842	7	Master of Computer Applications	173MC1T01	C Programming And Data Structures
843	8	Master of Computer Applications	173MC1T02	Computer Organization
844	9	Master of Computer Applications	173MC1T03	Discrete Mathematical Structures and Graph Theory
845	10	Master of Computer Applications	173MC1T04	Statistical Programming With R
846	11	Master of Computer Applications	173MC1T05	Accounting And Financial Management
847	12	Master of Computer Applications	173MC1T06	Oops Through Java
848	13	Master of Computer Applications	173MC1T07	Operating Systems
849	14	Master of Computer Applications	173MC1T08	Software Engineering
850	15	Master of Computer Applications	173MC1T09	Optimization Techniques
851	16	Master of Computer Applications	173MC1T10	Computer Graphics
852	17	Master of Computer Applications	173MC2L04	Oops Through Java Lab
853	18	Master of Computer Applications	173MC2L05	Data Structures Lab
854	19	Master of Computer Applications	173MC2L06	Operating System & Computer Graphics Lab
855	20	Master of Computer Applications	173MC2T06	Oops Through Java
856	21	Master of Computer Applications	173MC2T07	Operating Systems
857	22	Master of Computer Applications	173MC2T08	Software Engineering
858	23	Master of Computer Applications	173MC2T09	Optimization Techniques
859	24	Master of Computer Applications	173MC2T10	Computer Graphics
860	25	Master of Computer Applications	173MC3L07	Data Base Management Systems Lab
861	26	Master of Computer Applications	173MC3L08	Unix Programming Lab
862	27	Master of Computer Applications	173MC3L09	Computer Networks Lab



S, No	Program-wise S. No	Program Name	Course Code	Course Name
863	28	Master of Computer Applications	173MC3T11	Data Base Management Systems
864	29	Master of Computer Applications	173MC3T12	Computer Networks
865	30	Master of Computer Applications	173MC3T13	Unix Programming
866	31	Master of Computer Applications	173MC3T14	Management Information System
867	32	Master of Computer Applications	173MC3T15	Design And Analysis Of Algorithms
868	33	Master of Computer Applications	173MC4E01	Mobile Computing
869	34	Master of Computer Applications	173MC4E02	Human Computer Interaction
870	35	Master of Computer Applications	173MC4E03	Cloud Computing
871	36	Master of Computer Applications	173MC4E04	Software Project Management
872	37	Master of Computer Applications	173MC4E05	Artificial Intelligence
873	38	Master of Computer Applications	173MC4E06	Embedded Systems
874	39	Master of Computer Applications	173MC4L10	Advanced Java & Web Technologies Lab
875	40	Master of Computer Applications	173MC4L11	Data Warehousing And Mining Lab
876	41	Master of Computer Applications	173MC4L12	Object Oriented Analysis And Design Lab
877	42	Master of Computer Applications	173MC4T16	Object Oriented Analysis And Design
878	43	Master of Computer Applications	173MC4T17	Advanced Java & Web Technologies
879	44	Master of Computer Applications	173MC4T18	Data Warehousing And Mining
880	45	Master of Computer Applications	MC1651	Big Data Analytics
881	46	Master of Computer Applications	MC1652	Network Programming
882	47	Master of Computer Applications	MC1653	Python Programming
883	48	Master of Computer Applications	MC1654	Cyber Security
884	49	Master of Computer Applications	MC1655	Computer Forensics
885	50	Master of Computer Applications	MC1656	E-Commerce
886	51	Master of Computer Applications	MC1657	Internet Of Things
887	52	Master of Computer Applications	MC1658	Multimedia Application Development
888	53	Master of Computer Applications	MC1659	Software Testing Methodologies
889	54	Master of Computer Applications	MC165A	Big Data Analytics Lab
890	55	Master of Computer Applications	MC165B	Network Programming Lab
891	56	Master of Computer Applications	MC165C	Python Programming Lab



S. No	Program-wise S. No	Program Name	Course Code	Course Name
892	57	Master of Computer Applications	MC165D	Project Work Part – I
893	1	Integrated Master of Business Administration	16IM501	Financial Management
894	2	Integrated Master of Business Administration	16IM502	Marketing Management
895	3	Integrated Master of Business Administration	16IM503	Human Resource Management
896	4	Integrated Master of Business Administration	16IM504	Production and Operations Management
897	5	Integrated Master of Business Administration	16IM505	Research Methodology
898	6	Integrated Master of Business Administration	16IM601	Operations Research
899	7	Integrated Master of Business Administration	16IM602	International Business
900	8	Integrated Master of Business Administration	16IM603	Strategic Management
901	9	Integrated Master of Business Administration	16IM604	Decision Support Systems
902	10	Integrated Master of Business Administration	16IM605	Mini Project*
903	11	Integrated Master of Business Administration	175IM1T01	English Language – I
904	12	Integrated Master of Business Administration	175IM1T02	Business Mathematics and Statistics
905	13	Integrated Master of Business Administration	175IM1T03	Fundamentals of Business Organization
906	14	Integrated Master of Business Administration	175IM1T04	Financial Accounting – I
907	15	Integrated Master of Business Administration	175IM1T05	Fundamentals of Computers
908	16	Integrated Master of Business Administration	175IM2T06	English Language – II
909	17	Integrated Master of Business Administration	175IM2T07	Business Environment
910	18	Integrated Master of Business Administration	175IM2T08	Managerial Economics
911	19	Integrated Master of Business Administration	175IM2T09	Financial Accounting – II
912	20	Integrated Master of Business Administration	175IM2T10	Organizational Communications
913	21	Integrated Master of Business Administration	175IM3T11	Principles of Management
914	22	Integrated Master of Business Administration	175IM3T12	Cost Accounting
915	23	Integrated Master of Business Administration	175IM3T13	Banking Theory and Practice
916	24	Integrated Master of Business Administration	175IM3T14	Business Law
917	25	Integrated Master of Business Administration	175IM3T15	Entrepreneurship Development
918	26	Integrated Master of Business Administration	175IM4T16	Organizational Behavior
919	27	Integrated Master of Business Administration	175IM4T17	Management Accounting
920	28	Integrated Master of Business Administration	175IM4T18	Company Law



S. No	Program-wise S. No	Program Name	Course Code	Course Name
921	29	Integrated Master of Business Administration	175IM4T19	Elements of Direct and Indirect Taxes
922	30	Integrated Master of Business Administration	175IM4T20	Management Information Systems

*S. D. J.*

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