1.1 As per the DVV clarification, we are submitting the Number of courses offered by the Institution across all programs during the last five years

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PRINCIPAL
Dr. J.SUNDARARAJAN,
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Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

NPR COLLEGE OF ENGG. & TECHNOLOGY * NATHAM

NPR COLLEGE OF ENGINEERING & TECHNOLOGY
NPR Nagar, Natham, Dindigul - 624 401. Tamilnadu.
(Approved by AICTE, New Delhi & Affiliated to Anna University, CHENNAI)
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Ref. : NPRCET :

CONSOLIDATED YEAR WISE LIST OF ALL COURSES

2019-20	2018-19	2017-18	2016-17	2015-16
301	300	298	316	369

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NPR COLLEGE OF ENGG. & TECHNOLOGY ★ NATHAM

Academic Year 2019-20

List of courses offered across all programs during 2019-20

Sl.No	Program code	Program Name	Course code	Course Name
1	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8151 HS	Communicative English
2	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA8151 BS	Engineering Mathematics – I
3	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH8151 BS	Engineering Physics
4	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY8151 BS	Engineering Chemistry
5	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8151 ES	Problem Solving and Python Programming
6	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8152 ES	Engineering Graphics
7	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8161 ES	Problem Solving and Python Programming Laboratory
8	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	BS8161 BS	Physics and Chemistry Laboratory
9	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8251 HS	Technical English
10	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA8251 BS	Engineering Mathematics – II
11	103	UG-CIVIL	PH8201 BS	Physics For Civil Engineering
12	103	UG-CIVIL	BE8251 ES	Basic Electrical and Electronics Engineering
13	103,105,106	UG-CIVIL,EEE,ECE	GE8291 HS	Environmental Science and Engineering
14	103,114	UG-CIVIL,MECH	GE8292 ES	Engineering Mechanics
15	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8261 ES	Engineering Practices Laboratory
16	103	UG-CIVIL	CE8211 PC	Computer Aided Building Drawing
17	103,105,114	UG-CIVIL,EEE,MECH	MA8353 BS	Transforms and Partial Differential Equations
18	103	UG-CIVIL	CE8301 PC	Strength of Materials -I
19	103	UG-CIVIL	CE8302 PC	Fluid Mechanics
20	103	UG-CIVIL	CE8351 PC	Surveying
21	103	UG-CIVIL	CE8391 PC	Construction Materials

PRINCIPAL NPR COLLEGE OF ENGG & TECHNOLOGY NATHAM

22	103	UG-CIVIL	CE8392 ES	Engineering Geology
23	103	UG-CIVIL	CE8311 PC	Construction Materials Laboratory
24	103	UG-CIVIL	CE8361 PC	Surveying Laboratory
25	103,104,106	UG-CIVIL,CSE,ECE	HS8381 EEC	Interpersonal skills/Listening and speaking Laboratory
26	103,105	UG-CIVIL,EEE	MA8491 BS	Numerical methods
27	103	UG-CIVIL	CE8401 PC	Construction Techniques and Practices
28	103	UG-CIVIL	CE8402 PC	Strength of Materials-II
29	103	UG-CIVIL	CE8403 PC	Applied Hydraulic Engineering
30	103	UG-CIVIL	CE8404 PC	Concrete Technology
31	103	UG-CIVIL	CE8491 PC	Soil Mechanics
32	103	UG-CIVIL	CE8481 PC	Strength of Materials Laboratory
33	103	UG-CIVIL	CE8461 PC	Hydraulic Engineering Laboratory
34	103,104,114	UG-CIVIL,CSE,MECH	HS8461 EEC	Advanced Reading and Writing
35	103	UG-CIVIL	CE8501 PC	Design of Reinforced Cement Concrete Elements
36	103	UG-CIVIL	CE8502 PC	Structural Analysis - I
37	103	UG-CIVIL	EN8491 PC	Water Supply Engineering
38	103	UG-CIVIL	CE8591 PC	Foundation Engineering
39	103	UG-CIVIL	GI8013 PE	Advanced Surveying
40	103	UG-CIVIL	OAI 551	Environment and Agriculture
41	103	UG-CIVIL	CE8511 PC	Soil Mechanics Laboratory
42	103	UG-CIVIL	CE8512 PC	Water and Waste water analysis Laboratory
43	103	UG-CIVIL	CE8513 EEC	Survey Camp (2 weeks –During IV Semester)
44	103	UG-CIVIL	CE8601 PC	Design of Steel Structural Elements
45	103	UG-CIVIL	CE8602 PC	Structural Analysis - II
46	103	UG-CIVIL	CE8603 PC	Irrigation Engineering
47	103	UG-CIVIL	CE8604 PC	Highway Engineering
48	103	UG-CIVIL	EN8592 PC	Waste Water Supply Engineering
49	103	UG-CIVIL	CE8001 PE	Ground Improvement Techniques

50	103	UG-CIVIL	CE8611 PC	Highway Engineering Laboratory
51	103	UG-CIVIL	CE8612 PC	Irrigation and Environmental Engineering Drawing
52	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8581 EEC	Professional Communication
53	103	UG-CIVIL	CE6701	Structural Dynamics and Earthquake Engineering
54	103	UG-CIVIL	CE6702	Prestressed Concrete Structures
55	103	UG-CIVIL	CE6703	Water resources and Irrigation Engineering
56	103	UG-CIVIL	CE6713	Estimation and Quantity Surveying
57	103	UG-CIVIL	CE6007	Housing planning and Management
58	103	UG-CIVIL	EN6501	Municipal Solid Waste Management
59	103	UG-CIVIL	CE6711	Computer Aided Design and Drafting Laboratory
60	103	UG-CIVIL	CE6712	Design Project
61	103	UG-CIVIL	MG6851	Principles of Management
62	103	UG-CIVIL	CE6016	Prefabricated Structures
63	103	UG-CIVIL	CE6021	Repair and Rehabilitation of Structures
64	103	UG-CIVIL	CE6811	Project Work
65	104	UG-CSE	PH8252 BS	Physics for Information Science
66	104	UG-CSE	BE8255 ES	Basic Electrical, Electronics and Measurement Engineering
67	104	UG-CSE	CS8251 PC	Programming in C
68	104	UG-CSE	CS8261 PC	C Programming Laboratory
69	104	UG-CSE	MA8351 BS	Discrete Mathematics
70	104	UG-CSE	CS8351 ES	Digital Principles and System Design
71	104	UG-CSE	CS8391 PC	Data Structures
72	104	UG-CSE	CS8392 PC	Object Oriented Programming
73	104	UG-CSE	EC8395 ES	Communication Engineering
74	104	UG-CSE	CS8381 PC	Data Structures Laboratory
75	104	UG-CSE	CS8383 PC	Object Oriented Programming Laboratory

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76	104	UG-CSE	CS8382 ES	Digital Systems Laboratory
77	104	UG-CSE	MA8402 BS	Probability and Queueing Theory
78	104	UG-CSE	CS8491 PC	Computer Architecture
79	104	UG-CSE	CS8492 PC	Database Management Systems
80	104	UG-CSE	CS8451 PC	Design and Analysis of Algorithms
81	104	UG-CSE	CS8493 PC	Operating Systems
82	104	UG-CSE	CS8494 PC	Software Engineering
83	104	UG-CSE	CS8481 PC	Database Management Systems Laboratory
84	104	UG-CSE	CS8461 PC	Operating Systems Laboratory
85	104	UG-CSE	MA8551 BS	Algebra and Number Theory
86	104	UG-CSE	CS8591 PC	Computer Networks
87	104,106	UG-CSE,ECE	EC8691 PC	Microprocessors and Microcontrollers
88	104	UG-CSE	CS8501 PC	Theory of Computation
89	104	UG-CSE	CS8592 PC	Object Oriented Analysis and Design
90	104,106,105	UG-CSE,ECE,EEE	OMD 551 OE	Basics of Bio medical instrumentation
91	104,106	UG-CSE,ECE	EC8681 PC	Microprocessors and Microcontrollers Laboratory
92	104	UG-CSE	CS8582 PC	Object Oriented Analysis and Design Laboratory
93	104	UG-CSE	CS8581 PC	Networks Laboratory
94	104	UG-CSE	CS8651 PC	Internet Programming
95	104	UG-CSE	CS8691 PC	Artificial Intelligence
96	104	UG-CSE	CS8601 PC	Mobile Computing
97	104	UG-CSE	CS8602 PC	Compiler Design
98	104	UG-CSE	CS8603 PC	Distributed Systems
99	104	UG-CSE	IT8076	Software Testing
100	104	UG-CSE	CS8661 PC	Internet Programming Laboratory
101	104	UG-CSE	CS8662 PC	Mobile Application Development Laboratory
102	104	UG-CSE	CS8611 EEC	Mini Project

103	104	UG-CSE	CS6701	Cryptography and Network Security
104	104	UG-CSE	CS6702	Graph Theory and Applications
105	104	UG-CSE	CS6703	Grid and Cloud Computing
106	104	UG-CSE	CS6704	Resource Management Techniques
107	104	UG-CSE	IT6801	Service Oriented Architecture
108	104	UG-CSE	CS6007	Information Retrieval
109	104	UG-CSE	CS6711	Security Laboratory
110	104	UG-CSE	CS6712	Grid and Cloud Computing Laboratory
111	104	UG-CSE	CS6801	Multi – Core Architectures and Programming
112	104,105,114	UG-CSE,EEE,MECH	GE6075	Professional Ethics in Engineering
113	104	UG-CSE	CS6008	Human Computer Interaction
114	104	UG-CSE	CS6811	Project Work
115	106	UG-ECE	PH8253 BS	Physics for Electronics Engineering
116	106	UG-ECE	BE8254 ES	Basic Electrical and Instrumentation Engineering
117	106	UG-ECE	EC8251 PC	Circuit Analysis
118	106	UG-ECE	EC8252 PC	Electronic Devices
119	106	UG-ECE	EC8261 PC	Circuits and Devices Laboratory
120	106	UG-ECE	MA8352 BS	Linear Algebra and Partial Differential Equations
121	106	UG-ECE	EC8393 ES	Fundamentals of Data Structures In C
122	106	UG-ECE	EC8351 BC	Electronic Circuits- I
123	106	UG-ECE	EC8352 BC	Signals and Systems
124	106	UG-ECE	EC8392 BC	Digital Electronics
125	106	UG-ECE	EC8391 BC	Control Systems Engineering
126	106	UG-ECE	EC8381 ES	Fundamentals of Data Structures in C Laboratory
127	106	UG-ECE	EC8361 PC	Analog and Digital Circuits Laboratory
128	106	UG-ECE	MA8451 BS	Probability and Random Processes

129	106	UG-ECE	EC8452 PC	Electronic Circuits II
130	106	UG-ECE	EC8491 PC	Communication Theory
131	106	UG-ECE	EC8451 PC	Electromagnetic Fields
132	106	UG-ECE	EC8453 PC	Linear Integrated Circuits
133	106	UG-ECE	EC8461 PC	Circuits Design and Simulation Laboratory
134	106	UG-ECE	EC8462 PC	Linear Integrated Circuits Laboratory
135	106	UG-ECE	EC8501 PC	Digital Communication
136	106	UG-ECE	EC8553 PC	Discrete-Time Signal Processing
137	106	UG-ECE	EC8552 PC	Computer Architecture and Organization
138	106	UG-ECE	EC8551 PC	Communication Networks
139	106	UG-ECE	EC8073 PE	Medical Electronics
140	106	UG-ECE	EC8562 PC	Digital Signal Processing Laboratory
141	106	UG-ECE	EC8561 PC	Communication Systems Laboratory
142	106	UG-ECE	EC8563 PC	Communication Networks Laboratory
143	106	UG-ECE	EC8095 PC	VLSI Design
144	106	UG-ECE	EC8652 PC	Wireless Communication
145	106	UG-ECE	MG8591 HS	Principles of Management
146	106	UG-ECE	EC8651 PC	Transmission Lines and RF Systems
147	106	UG-ECE	EC8004 PE	Wireless Networks
148	106	UG-ECE	EC8661 PC	VLSI Design Laboratory
149	106	UG-ECE	EC8611 EEC	Technical Seminar
150	106	UG-ECE	EC6701	RF and Microwave Engineering
151	106	UG-ECE	EC6702	Optical Communication and Networks
152	106	UG-ECE	EC6703	Embedded and Real Time Systems
153	106	UG-ECE	EC6004	Satellite Communication
154	106	UG-ECE	EC6009	Advanced Computer Architecture
155	106	UG-ECE	EC6013	Advanced Microprocessors and Microcontrollers

156	106	UG-ECE	EC6711	Embedded Laboratory
157	106	UG-ECE	EC6712	Optical and Microwave Laboratory
158	106	UG-ECE	EC6801	Wireless Communication
159	106	UG-ECE	EC6802	Wireless Networks
160	106	UG-ECE	CS6003	Ad hoc and Sensors Networks
161	106,114	UG-ECE.MECH	GE6757	Total Quality Management
162	106	UG-ECE	EC6811	Project Work
163	105	UG-EEE	BE8252 ES	Basic Civil and Mechanical Engineering
164	105	UG-EEE	EE8251 PC	Circuit Theory
165	105	UG-EEE	EE8261 PC	Electric Circuits Laboratory
166	105	UG-EEE	EE8351 PC	Digital Logic Circuits
167	105	UG-EEE	EE8301 PC	Electrical Machines - I
168	105	UG-EEE	EC8353 ES	Electron Devices and Circuits
169	105	UG-EEE	ME8792 ES	Power Plant Engineering
170	105	UG-EEE	EC8311 ES	Electronics Laboratory
171	105	UG-EEE	EE8311 PC	Electrical Machines Laboratory - I
172	105	UG-EEE	EE8401 PC	Electrical Machines - II
173	105	UG-EEE	EE8402 PC	Transmission and Distribution
174	105	UG-EEE	EE8403 PC	Measurements and Instrumentation
175	105	UG-EEE	EE8451 PC	Linear Integrated Circuits and Applications
176	105	UG-EEE	IC8451 PC	Control Systems
177	105	UG-EEE	EE8411 PC	Electrical Machines Laboratory - II
178	105	UG-EEE	EE8461 PC	Linear and Digital Integrated Circuits Laboratory
179	105	UG-EEE	EE8412 EEC	Technical Seminar
180	105	UG-EEE	EE8501 PC	Power System Analysis
181	105	UG-EEE	EE8551 PC	Microprocessors and Microcontrollers
182	105	UG-EEE	EE8552 PC	Power Electronics

183	105	UG-EEE	EE8591 PC	Digital Signal Processing
184	105	UG-EEE	CS8392 ES	Object Oriented Programming
185	105	UG-EEE	EE8511 PC	Control and Instrumentation Laboratory
186	105	UG-EEE	CS8383 ES	Object Oriented Programming Laboratory
187	105	UG-EEE	EE8601 PC	Solid State Drives
188	105	UG-EEE	EE8602 PC	Protection and Switchgear
189	105	UG-EEE	EE8691 ES	Embedded Systems
190	105	UG-EEE	EE8005 PE	Special Electrical Machines
191	105	UG-EEE	EE8004 PE	Modern Power Converters
192	105	UG-EEE	EE8661 PC	Power Electronics and Drives Laboratory
193	105	UG-EEE	EE8681 PC	Microprocessors and Microcontrollers Laboratory
194	105	UG-EEE	EE8611 EEC	Mini Project
195	105	UG-EEE	EE6701	High Voltage Engineering
196	105	UG-EEE	EE6702	Protection and Switchgear
197	105	UG-EEE	EE6703	Special Electrical Machines
198	105	UG-EEE	EI6703	Fibre Optics and Laser Instruments
199	105	UG-EEE	EE6008	Microcontroller Based System Design
200	105	UG-EEE	EE6711	Power System Simulation Laboratory
201	105	UG-EEE	EE6712	Comprehension
202	105	UG-EEE	EE6801	Electric Energy Generation, Utilization and Conservation
203	105	UG-EEE	EE6010	High Voltage Direct Current Transmission
204	105	UG-EEE	EE6811	Project Work
205	114	UG-MECHANICAL	PH8251 BS	Materials Science
206	114	UG-MECHANICAL	BE8253 ES	Basic Electrical, Electronics and Instrumentation Engineering
207	114	UG-MECHANICAL	BE8261 ES	Basic Electrical, Electronics and Instrumentation Engineering Laboratory

208	114	UG-MECHANICAL	ME8391 PC	Engineering Thermodynamics
209	114	UG-MECHANICAL	CE8394 ES	Fluid Mechanics and Machinery
210	114	UG-MECHANICAL	ME8351 PC	Manufacturing Technology - I
211	114	UG-MECHANICAL	EE8353 EC	Electrical Drives and Controls
212	114	UG-MECHANICAL	ME8361 PC	Manufacturing Technology Laboratory - I
213	114	UG-MECHANICAL	ME8381 PC	Computer Aided Machine Drawing
214	114	UG-MECHANICAL	EE8361 ES	Electrical Engineering Laboratory
215	114	UG-MECHANICAL	MA8452 BS	Statistics and Numerical Methods
216	114	UG-MECHANICAL	ME8492 PC	Kinematics of Machinery
217	114	UG-MECHANICAL	ME8451 PC	Manufacturing Technology – II
218	114	UG-MECHANICAL	ME8491 PC	Engineering Metallurgy
219	114	UG-MECHANICAL	CE8395 ES	Strength of Materials forMechanical Engineers
220	114	UG-MECHANICAL	ME8493PC	Thermal Engineering- I
221	114	UG-MECHANICAL	ME8462 PC	Manufacturing Technology Laboratory – II
222	114	UG-MECHANICAL	CE8381 ES	Strength of Materials and Fluid Mechanics and Machinery Laboratory
223	114	UG-MECHANICAL	ME8595 PC	Thermal Engineering- II
224	114	UG-MECHANICAL	ME8593 PC	Design of Machine Elements
225	114	UG-MECHANICAL	ME8501 PC	Metrology and Measurements
226	114	UG-MECHANICAL	ME8594 PC	Dynamics of Machines
227	114	UG-MECHANICAL	OAT 551	Automative System
228	114	UG-MECHANICAL	ME8511 PC	Kinematics and Dynamics Laboratory
229	114	UG-MECHANICAL	ME8512 PC	Thermal Engineering Laboratory
230	114	UG-MECHANICAL	ME8513 PC	Metrology and Measurements Laboratory
231	114	UG-MECHANICAL	ME8651 PC	Design of Transmission Systems
232	114	UG-MECHANICAL	ME8691 PC	Computer Aided Design and Manufacturing
233	114	UG-MECHANICAL	ME8693 PC	Heat and Mass Transfer

234	114	UG-MECHANICAL	ME8692 PC	Finite Element Analysis
235	114	UG-MECHANICAL	ME8694 PC	Hydraulics and Pneumatics
236	114	UG-MECHANICAL	PR8592 PE	Welding Technology
237	114	UG-MECHANICAL	ME8681 PC	CAD / CAM Laboratory
238	114	UG-MECHANICAL	ME8682 EEC	Design and Fabrication Project
239	114	UG-MECHANICAL	ME6701	Power Plant Engineering
240	114	UG-MECHANICAL	ME6702	Mechatronics
241	114	UG-MECHANICAL	ME6703	Computer Integrated Manufacturing Systems
242	114	UG-MECHANICAL	ME6005	Process Planning and Cost Estimation
243	114	UG-MECHANICAL	ME6012	Maintenance Engineering
244	114	UG-MECHANICAL	ME6711	Simulation and Analysis Laboratory
245	114	UG-MECHANICAL	ME6712	Mechatronics Laboratory
246	114	UG-MECHANICAL	ME6713	Comprehension
247	114	UG-MECHANICAL	MG6863	Engineering Economics
248	114	UG-MECHANICAL	ME6016	Advanced I.C. Engines
249	114	UG-MECHANICAL	ME6019	Non Destructive Testing and Materials
250	114	UG-MECHANICAL	ME6811	Project Work
251	413	PG-STRUCTURAL	MA5151 FC	Advanced Mathematical Methods
252	413	PG-STRUCTURAL	ST5101 PC	Advanced Concrete Structures
253	413	PG-STRUCTURAL	ST5102 PC	Dynamics of Structures
254	413	PG-STRUCTURAL	ST5103 PC	Theory of Elasticity and Plasticity
255	413	PG-STRUCTURAL	ST5001 PE	Maintenance and Rehabilitation of Structures
256	413	PG-STRUCTURAL	ST5002 PE	Prefabricated Structures
257	413	PG-STRUCTURAL	ST5201 PC	Advanced Steel Structures
258	413	PG-STRUCTURAL	ST5202 PC	Stability of Structures
259	413	PG-STRUCTURAL	ST5203 PC	Experimental Techniques
260	413	PG-STRUCTURAL	ST5204 PC	Finite Element Analysis of Structures

261	413	PG-STRUCTURAL	ST5008 PE	Industrial Structures
262	413	PG-STRUCTURAL	ST5009 PE	Prestressed Concrete
263	413	PG-STRUCTURAL	ST5211 PC	Advanced Structural Engineering Laboratory
264	413	PG-STRUCTURAL	ST5212 EEC	Practical Training I (2 weeks)
265	413	PG-STRUCTURAL	ST5301 PC	Earthquake Analysis and Design of Structures
266	413	PG-STRUCTURAL	ST5014 PE	Design of Steel Concrete Composite Structures
267	413	PG-STRUCTURAL	ST5015 PE	Design of Bridges
268	413	PG-STRUCTURAL	ST5311 EEC	Practical Training II (2 weeks)
269	413	PG-STRUCTURAL	ST5312 EEC	Seminar
270	413	PG-STRUCTURAL	ST5313 EEC	Project Work (Phase I)
271	413	PG-STRUCTURAL	ST5411 EEC	Practical Training III (2 weeks)
272	413	PG-STRUCTURAL	ST5412 EEC	Project Work(Phase II)
273	631	PG-MBA	BA5101 PC	Economic Analysis for Business
274	631	PG-MBA	BA5102 PC	Principles of Management
275	631	PG-MBA	BA5103 PC	Accounting for Management
276	631	PG-MBA	BA5104 PC	Legal Aspects of Business
277	631	PG-MBA	BA5105 PC	Organizational Behaviour
278	631	PG-MBA	BA5106 PC	Statistics for Management
279	631	PG-MBA	BA5107 PC	Total Quality Management
280	631	PG-MBA	BA5111 EEC	Spoken and Written Communication #
281	631	PG-MBA	BA5201 PC	Applied Operations Research
282	631	PG-MBA	BA5202 PC	Business Research Methods
283	631	PG-MBA	BA5203 PC	Financial Management
284	631	PG-MBA	BA5204 PC	Human Resource Management
285	631	PG-MBA	BA5205 PC	Information Management
286	631	PG-MBA	BA5206 PC	Operations Management
287	631	PG-MBA	BA5207 PC	Marketing Management
288	631	PG-MBA	BA5211 EEC	Data Analysis and Business Modelling

289	631	PG-MBA	BA5301 PC	International Business Management
290	631	PG-MBA	BA5302 PC	Strategic Management
291	631	PG-MBA	BA5014 PE	Entrepreneurship Development
292	631	PG-MBA	BA5015 PE	Industrial Relations
293	631	PG-MBA	BA5019 PE	Strategic Human Resource Management
294	631	PG-MBA	BA5011 PE	Merchant Banking and Financial Services
295	631	PG-MBA	BA5012 PE	Security Analysis and Portfolio Management
296	631	PG-MBA	BA5031 PE	International Trade Finance
297	631	PG-MBA	BA5001 PE	Brand Management
298	631	PG-MBA	BA5005 PE	Retail Marketing
299	631	PG-MBA	BA5006 PE	Services Marketing
300	631	PG-MBA	BA5311 EEC	Summer Training
301	631	PG-MBA	BA5411 EEC	Project Work

PRINCIPAL

Dr. J.SUNDARARAJAN,
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Academic Year 2018-19

List of courses offered across all programs during 2018-19

Sl.No	Program code	Program Name	Course code	Course Name
1	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8151 HS	Communicative English
2	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA8151 BS	Engineering Mathematics – I
3	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH8151 BS	Engineering Physics
4	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY8151 BS	Engineering Chemistry
5	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8151 ES	Problem Solving and Python Programming
6	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8152 ES	Engineering Graphics
7	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8161 ES	Problem Solving and Python Programming Laboratory
8	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	BS8161 BS	Physics and Chemistry Laboratory
9	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8251 HS	Technical English
10	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA8251 BS	Engineering Mathematics – II
11	103	UG-CIVIL	PH8201 BS	Physics For Civil Engineering
12	103	UG-CIVIL	BE8251 ES	Basic Electrical and Electronics Engineering
13	103,105,106	UG-CIVIL,EEE,ECE	GE8291 HS	Environmental Science and Engineering
14	103,114	UG-CIVIL,MECH	GE8292 ES	Engineering Mechanics
15	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8261 ES	Engineering Practices Laboratory
16	103	UG-CIVIL	CE8211 PC	Computer Aided Building Drawing
17	103,105,114	UG-CIVIL,EEE,MECH	MA8353 BS	Transforms and Partial Differential Equations
18	103	UG-CIVIL	CE8301 PC	Strength of Materials -I
19	103	UG-CIVIL	CE8302 PC	Fluid Mechanics
20	103	UG-CIVIL	CE8351 PC	Surveying
21	103	UG-CIVIL	CE8391 PC	Construction Materials
22	103	UG-CIVIL	CE8392 ES	Engineering Geology
23	103	UG-CIVIL	CE8311 PC	Construction Materials Laboratory
24	103	UG-CIVIL	CE8361 PC	Surveying Laboratory

NPR COLLEGE OF ENGG. & TECHNOLOGY NATHAM

25	103,104,106	UG-CIVIL,CSE,ECE	HS8381 EEC	Interpersonal skills/Listening and speaking Laboratory
26	103,105	UG-CIVIL,EEE	MA8491 BS	Numerical methods
27	103	UG-CIVIL	CE8401 PC	Construction Techniques and Practices
28	103	UG-CIVIL	CE8402 PC	Strength of Materials-II
29	103	UG-CIVIL	CE8403 PC	Applied Hydraulic Engineering
30	103	UG-CIVIL	CE8404 PC	Concrete Technology
31	103	UG-CIVIL	CE8491 PC	Soil Mechanics
32	103	UG-CIVIL	CE8481 PC	Strength of Materials Laboratory
33	103	UG-CIVIL	CE8461 PC	Hydraulic Engineering Laboratory
34	103,104,114	UG-CIVIL,CSE,MECH	HS8461 EEC	Advanced Reading and Writing
35	103	UG-CIVIL	CE6501	Structural Analysis I
36	103	UG-CIVIL	CE6502	Foundation Engineering
37	103	UG-CIVIL	CE6503	Environmental Engineering I
38	103	UG-CIVIL	CE6504	Highway Engineering
39	103	UG-CIVIL	CE6505	Design of Reinforced Concrete Elements
40	103	UG-CIVIL	CE6506	Construction Techniques, Equipment and Practice
41	103	UG-CIVIL	GE6563	Communication Skills - Laboratory Based
42	103	UG-CIVIL	CE6511	Soil Mechanics Laboratory
43	103	UG-CIVIL	CE6512	Survey Camp*
44	103	UG-CIVIL	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
45	103	UG-CIVIL	CE6602	Structural Analysis II
46	103	UG-CIVIL	CE6603	Design of Steel Structures
47	103	UG-CIVIL	CE6604	Railways, Airports and Harbour Engineering
48	103	UG-CIVIL	CE6605	Environmental Engineering II
49	103	UG-CIVIL	CE6002	Concrete Technology
50	103	UG-CIVIL	CE6611	Environmental Engineering Laboratory
51	103	UG-CIVIL	CE6612	Concrete and Highway Engineering Laboratory
52	103	UG-CIVIL	CE6701	Structural Dynamics and Earthquake Engineering
53	103	UG-CIVIL	CE6702	Prestressed Concrete Structures
54	103	UG-CIVIL	CE6703	Water Resources and Irrigation Engineering
55	103	UG-CIVIL	CE 6007	Housing Planning and Management

56	103	UG-CIVIL	EN 6501	Municipal Solid Waste Management
57	103	UG-CIVIL	CE6711	Computer Aided Design and Drafting Laboratory
58	103	UG-CIVIL	CE6712	Design Project
59	103	UG-CIVIL	CE6713	Estimation and Quantity Surveying
60	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MG6851	Principles of Management
61	103	UG-CIVIL	CE6016	Prefabricated Structures
62	103	UG-CIVIL	CE6021	Repair and Rehabilitation of Structures
63	103	UG-CIVIL	CE6811	Project Work
64	104	UG-CSE	PH8252 BS	Physics for Information Science
65	104	UG-CSE	BE8255 ES	Basic Electrical, Electronics and Measurement Engineering
66	104	UG-CSE	CS8251 PC	Programming in C
67	104	UG-CSE	CS8261 PC	C Programming Laboratory
68	104	UG-CSE	MA8351 BS	Discrete Mathematics
69	104	UG-CSE	CS8351 ES	Digital Principles and System Design
70	104	UG-CSE	CS8391 PC	Data Structures
71	104	UG-CSE	CS8392 PC	Object Oriented Programming
72	104	UG-CSE	EC8395 ES	Communication Engineering
73	104	UG-CSE	CS8381 PC	Data Structures Laboratory
74	104	UG-CSE	CS8383 PC	Object Oriented Programming Laboratory
75	104	UG-CSE	CS8382 ES	Digital Systems Laboratory
76	104	UG-CSE	MA8402 BS	Probability and Queueing Theory
77	104	UG-CSE	CS8491 PC	Computer Architecture
78	104	UG-CSE	CS8492 PC	Database Management Systems
79	104	UG-CSE	CS8451 PC	Design and Analysis of Algorithms
80	104	UG-CSE	CS8493 PC	Operating Systems
81	104	UG-CSE	CS8494 PC	Software Engineering
82	104	UG-CSE	CS8481 PC	Database Management Systems Laboratory
83	104	UG-CSE	CS8461 PC	Operating Systems Laboratory
84	104	UG-CSE	MA6566	Discrete Mathematics
85	104	UG-CSE	CS6501	Internet Programming
86	104	UG-CSE	CS6502	Object Oriented Analysis and Design
87	104	UG-CSE	CS6503	Theory of Computation

88	104	UG-CSE	CS6504	Computer Graphics
89	104	UG-CSE	CS6511	Case Tools Laboratory
90	104	UG-CSE	CS6512	Internet Programming Laboratory
91	104	UG-CSE	CS6513	Computer Graphics Laboratory
92	104	UG-CSE	CS6601	Distributed Systems
93	104	UG-CSE	IT6601	Mobile Computing
94	104	UG-CSE	CS6660	Compiler Design
95	104	UG-CSE	IT6502	Digital Signal Processing
96	104	UG-CSE	CS6659	Artificial Intelligence
97	104,106,114	UG-CSE,ECE,MECH	GE6757	Total Quality Management
98	104	UG-CSE	CS6611	Mobile Application Development Laboratory
99	104	UG-CSE	CS6612	Compiler Laboratory
100	104,105,1,06,114	UG-CSE,EEE,ECE,MECH	GE6674	Communication and Soft Skills - Laboratory Based
101	104	UG-CSE	CS6701	Cryptography and Network Security
102	104	UG-CSE	CS6702	Graph Theory and Applications
103	104	UG-CSE	CS6703	Grid and Cloud Computing
104	104	UG-CSE	CS6704	Resource Management Techniques
105	104	UG-CSE	IT6801	Service Oriented Architecture
106	104	UG-CSE	CS6007	Information Retrieval
107	104	UG-CSE	CS6711	Security Laboratory
108	104	UG-CSE	CS6712	Grid and Cloud Computing Laboratory
109	104	UG-CSE	CS6801	Multi – Core Architectures and Programming
110	104,105,114	UG-CSE,EEE,MECH	GE6075	Professional Ethics in Engineering
111	104	UG-CSE	CS6008	Human Computer Interaction
112	104	UG-CSE	CS6811	Project Work
113	106	UG-ECE	PH8253 BS	Physics for Electronics Engineering
114	106	UG-ECE	BE8254 ES	Basic Electrical and Instrumentation Engineering
115	106	UG-ECE	EC8251 PC	Circuit Analysis
116	106	UG-ECE	EC8252 PC	Electronic Devices
117	106	UG-ECE	EC8261 PC	Circuits and Devices Laboratory
118	106	UG-ECE	MA8352 BS	Linear Algebra and Partial Differential Equations
119	106	UG-ECE	EC8393 ES	Fundamentals of Data Structures In C
120	106	UG-ECE	EC8351 BC	Electronic Circuits- I

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121	106	UG-ECE	EC8352 BC	Signals and Systems
122	106	UG-ECE	EC8392 BC	Digital Electronics
123	106	UG-ECE	EC8391 BC	Control Systems Engineering
124	106	UG-ECE	EC8381 ES	Fundamentals of Data Structures in C Laboratory
125	106	UG-ECE	EC8361 PC	Analog and Digital Circuits Laboratory
126	106	UG-ECE	MA8451 BS	Probability and Random Processes
127	106	UG-ECE	EC8452 PC	Electronic Circuits II
128	106	UG-ECE	EC8491 PC	Communication Theory
129	106	UG-ECE	EC8451 PC	Electromagnetic Fields
130	106	UG-ECE	EC8453 PC	Linear Integrated Circuits
131	106	UG-ECE	EC8461 PC	Circuits Design and Simulation Laboratory
132	106	UG-ECE	EC8462 PC	Linear Integrated Circuits Laboratory
133	106	UG-ECE	EC6501	Digital Communication
134	106	UG-ECE	EC6502	Principles of Digital Signal Processing
135	106	UG-ECE	EC6503	Transmission Lines and Wave Guides
136	106	UG-ECE	GE6351	Environmental Science and Engineering
137	106	UG-ECE	EC6504	Microprocessor and Microcontroller
138	106	UG-ECE	EC6511	Digital Signal Processing Laboratory
139	106	UG-ECE	EC6512	Communication System Laboratory
140	106	UG-ECE	EC6513	Microprocessor and Microcontroller Laboratory
141	106	UG-ECE	CS6303	Computer Architecture
142	106	UG-ECE	CS6551	Computer Networks
143	106	UG-ECE	EC6601	VLSI Design
144	106	UG-ECE	EC6602	Antenna and Wave propagation
145	106	UG-ECE	EC6001	Medical Electronics
146	106	UG-ECE	EC6611	Computer Networks Laboratory
147	106	UG-ECE	EC6612	VLSI Design Laboratory
148	106	UG-ECE	EC6701	RF and Microwave Engineering
149	106	UG-ECE	EC6702	Optical Communication and Networks
150	106	UG-ECE	EC6703	Embedded and Real Time Systems
151	106	UG-ECE	EC6004	Satellite Communication

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152	106	UG-ECE	EC6009	Advanced Computer Architecture
153	106	UG-ECE	EC6013	Advanced Microprocessors and Microcontrollers
154	106	UG-ECE	EC6711	Embedded Laboratory
155	106	UG-ECE	EC6712	Optical and Microwave Laboratory
156	106	UG-ECE	EC6801	Wireless Communication
157	106	UG-ECE	EC6802	Wireless Networks
158	106	UG-ECE	CS6003	Ad hoc and Sensors Networks
159	106	UG-ECE	EC6811	Project Work
160	105	UG-EEE	BE8252 ES	Basic Civil and Mechanical Engineering
161	105	UG-EEE	EE8251 PC	Circuit Theory
162	105	UG-EEE	EE8261 PC	Electric Circuits Laboratory
163	105	UG-EEE	EE8351 PC	Digital Logic Circuits
164	105	UG-EEE	EE8301 PC	Electrical Machines - I
165	105	UG-EEE	EC8353 ES	Electron Devices and Circuits
166	105	UG-EEE	ME8792 ES	Power Plant Engineering
167	105	UG-EEE	EC8311 ES	Electronics Laboratory
168	105	UG-EEE	EE8311 PC	Electrical Machines Laboratory - I
169	105	UG-EEE	EE8401 PC	Electrical Machines - II
170	105	UG-EEE	EE8402 PC	Transmission and Distribution
171	105	UG-EEE	EE8403 PC	Measurements and Instrumentation
172	105	UG-EEE	EE8451 PC	Linear Integrated Circuits and Applications
173	105	UG-EEE	IC8451 PC	Control Systems
174	105	UG-EEE	EE8411 PC	Electrical Machines Laboratory - II
175	105	UG-EEE	EE8461 PC	Linear and Digital Integrated Circuits Laboratory
176	105	UG-EEE	EE8412 EEC	Technical Seminar
177	105	UG-EEE	EE8501 PC	Power System Analysis
178	105	UG-EEE	EE6501	Power System Analysis
179	105	UG-EEE	EE6502	Microprocessors and Microcontrollers
180	105	UG-EEE	ME6701	Power Plant Engineering
181	105	UG-EEE	EE6503	Power Electronics
182	105	UG-EEE	EE6504	Electrical Machines - II
183	105	UG-EEE	IC6501	Control Systems

184	105	UG-EEE	EE6511	Control and Instrumentation Laboratory
185	105	UG-EEE	EE6512	Electrical Machines Laboratory - II
186	105	UG-EEE	EC6651	Communication Engineering
187	105	UG-EEE	EE6601	Solid State Drives
188	105	UG-EEE	EE6602	Embedded Systems
189	105	UG-EEE	EE6603	Power System Operation and Control
190	105	UG-EEE	EE6604	Design of Electrical Machines
191	105	UG-EEE	EE6002	Power System Transients
192	105	UG-EEE	EE6611	Power Electronics and Drives Laboratory
193	105	UG-EEE	EE6612	Microprocessors and Microcontrollers Laboratory
194	105	UG-EEE	EE6613	Presentation Skills and Technical Seminar
195	105	UG-EEE	EE6701	High Voltage Engineering
196	105	UG-EEE	EE6702	Protection and Switchgear
197	105	UG-EEE	EE6703	Special Electrical Machines
198	105	UG-EEE	EI6703	Fibre Optics and Laser Instruments
199	105	UG-EEE	EE6008	Microcontroller Based System Design
200	105	UG-EEE	EE6711	Power System Simulation Laboratory
201	105	UG-EEE	EE6712	Comprehension
202	105	UG-EEE	EE6801	Electric Energy Generation, Utilization and Conservation
203	105	UG-EEE	EE6010	High Voltage Direct Current Transmission
204	105	UG-EEE	EE6811	Project Work
205	114	UG-MECH	PH8251 BS	Materials Science
206	114	UG-MECH	BE8253 ES	Basic Electrical, Electronics and Instrumentation Engineering
207	114	UG-MECH	BE8261 ES	Basic Electrical, Electronics and Instrumentation Engineering Laboratory
208	114	UG-MECHANICAL	ME8391 PC	Engineering Thermodynamics
209	114	UG-MECHANICAL	CE8394 ES	Fluid Mechanics and Machinery
210	114	UG-MECHANICAL	ME8351 PC	Manufacturing Technology - I
211	114	UG-MECHANICAL	EE8353 EC	Electrical Drives and Controls
212	114	UG-MECHANICAL	ME8361 PC	Manufacturing Technology Laboratory - I

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213	114	UG-MECHANICAL	ME8381 PC	Computer Aided Machine Drawing
214	114	UG-MECHANICAL	EE8361 ES	Electrical Engineering Laboratory
215	114	UG-MECHANICAL	MA8452 BS	Statistics and Numerical Methods
216	114	UG-MECHANICAL	ME8492 PC	Kinematics of Machinery
217	114	UG-MECHANICAL	ME8451 PC	Manufacturing Technology – II
218	114	UG-MECHANICAL	ME8491 PC	Engineering Metallurgy
219	114	UG-MECHANICAL	CE8395 ES	Strength of Materials forMechanical Engineers
220	114	UG-MECHANICAL	ME8493PC	Thermal Engineering- I
221	114	UG-MECHANICAL	ME8462 PC	Manufacturing Technology Laboratory – II
222	114	UG-MECHANICAL	CE8381 ES	Strength of Materials and Fluid Mechanics and Machinery Laboratory
223	114	UG-MECHANICAL	ME6501	Computer Aided Design
224	114	UG-MECHANICAL	ME6502	Heat and Mass Transfer
225	114	UG-MECHANICAL	ME6503	Design of Machine Elements
226	114	UG-MECHANICAL	ME6504	Metrology and Measurements
227	114	UG-MECHANICAL	ME6505	Dynamics of Machines
228	114	UG-MECHANICAL	ME6511	Dynamics Laboratory
229	114	UG-MECHANICAL	ME6512	Thermal Engineering Laboratory-II
230	114	UG-MECHANICAL	ME6513	Metrology and Measurements Laboratory
231	114	UG-MECHANICAL	ME6601	Design of Transmission Systems
232	114	UG-MECHANICAL	ME6602	Automobile Engineering
233	114	UG-MECHANICAL	ME6603	Finite Element Analysis
234	114	UG-MECHANICAL	ME6604	Gas Dynamics and Jet Propulsion
235	114	UG-MECHANICAL	ME6004	Unconventional Machining Processes
236	114	UG-MECHANICAL	ME6611	C.A.D. / C.A.M. Laboratory
237	114	UG-MECHANICAL	ME6612	Design and Fabrication Project
238	114	UG-MECHANICAL	ME6701	Power Plant Engineering
239	114	UG-MECHANICAL	ME6702	Mechatronics
240	114	UG-MECHANICAL	ME6703	Computer Integrated Manufacturing Systems
241	114	UG-MECHANICAL	ME6005	Process Planning and Cost Estimation
242	114	UG-MECHANICAL	ME6012	Maintenance Engineering
243	114	UG-MECHANICAL	ME6711	Simulation and Analysis Laboratory
244	114	UG-MECHANICAL	ME6712	Mechatronics Laboratory

245	114	UG-MECHANICAL	ME6713	Comprehension
246	114	UG-MECHANICAL	MG6863	Engineering Economics
247	114	UG-MECHANICAL	ME6019	Non Destructive Testing and Materials
248	114	UG-MECHANICAL	IE6605	Production Planning and Control
249	114	UG-MECHANICAL	ME6811	Project Work
250	413	PG-STRUCTURAL	MA5151 FC	Advanced Mathematical Methods
251	413	PG-STRUCTURAL	ST5101 PC	Advanced Concrete Structures
252	413	PG-STRUCTURAL	ST5102 PC	Dynamics of Structures
253	413	PG-STRUCTURAL	ST5103 PC	Theory of Elasticity and Plasticity
254	413	PG-STRUCTURAL	ST5001 PE	Maintenance and Rehabilitation of Structures
255	413	PG-STRUCTURAL	ST5002 PE	Prefabricated Structures
256	413	PG-STRUCTURAL	ST5201 PC	Advanced Steel Structures
257	413	PG-STRUCTURAL	ST5202 PC	Stability of Structures
258	413	PG-STRUCTURAL	ST5203 PC	Experimental Techniques
259	413	PG-STRUCTURAL	ST5204 PC	Finite Element Analysis of Structures
260	413	PG-STRUCTURAL	ST5008 PE	Industrial Structures
261	413	PG-STRUCTURAL	ST5009 PE	Prestressed Concrete
262	413	PG-STRUCTURAL	ST5211 PC	Advanced Structural Engineering Laboratory
263	413	PG-STRUCTURAL	ST5212 EEC	Practical Training I (2 weeks)
264	413	PG-STRUCTURAL	ST5301 PC	Earthquake Analysis and Design of Structures
265	413	PG-STRUCTURAL	ST5014 PE	Design of Steel Concrete Composite Structures
266	413	PG-STRUCTURAL	ST5015 PE	Design of Bridges
267	413	PG-STRUCTURAL	ST5311 EEC	Practical Training II (2 weeks)
268	413	PG-STRUCTURAL	ST5312 EEC	Seminar
269	413	PG-STRUCTURAL	ST5313 EEC	Project Work (Phase I)
270	413	PG-STRUCTURAL	ST5411 EEC	Practical Training III (2 weeks)
271	413	PG-STRUCTURAL	ST5412 EEC	Project Work(Phase II)
272	631	PG-MBA	BA5101 PC	Economic Analysis for Business
273	631	PG-MBA	BA5102 PC	Principles of Management
274	631	PG-MBA	BA5103 PC	Accounting for Management
275	631	PG-MBA	BA5104 PC	Legal Aspects of Business
276	631	PG-MBA	BA5105 PC	Organizational Behaviour
277	631	PG-MBA	BA5106 PC	Statistics for Management
278	631	PG-MBA	BA5107 PC	Total Quality Management

279	631	PG-MBA	BA5111 EEC	Spoken and Written Communication #
280	631	PG-MBA	BA5201 PC	Applied Operations Research
281	631	PG-MBA	BA5202 PC	Business Research Methods
282	631	PG-MBA	BA5203 PC	Financial Management
283	631	PG-MBA	BA5204 PC	Human Resource Management
284	631	PG-MBA	BA5205 PC	Information Management
285	631	PG-MBA	BA5206 PC	Operations Management
286	631	PG-MBA	BA5207 PC	Marketing Management
287	631	PG-MBA	BA5211 EEC	Data Analysis and Business Modelling
288	631	PG-MBA	BA5301 PC	International Business Management
289	631	PG-MBA	BA5302 PC	Strategic Management
290	631	PG-MBA	BA5014 PE	Entrepreneurship Development
291	631	PG-MBA	BA5015 PE	Industrial Relations
292	631	PG-MBA	BA5017 PE	Managerial Behaviour and Effectiveness
293	631	PG-MBA	BA5011 PE	Merchant Banking and Financial Services
294	631	PG-MBA	BA5012 PE	Security Analysis and Portfolio Management
295	631	PG-MBA	BA5031 PE	International Trade Finance
296	631	PG-MBA	BA5004 PE	Integrated Marketing Communication
297	631	PG-MBA	BA5005 PE	Retail Marketing
298	631	PG-MBA	BA5006 PE	Services Marketing
299	631	PG-MBA	BA5311 EEC	Summer Training
300	631	PG-MBA	BA5411 EEC	Project Work

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PRINCIPAL

Dr. J.SUNDARARAJAN,
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Principal
N.P.R. College of Engineering & Technology
Natham, Dindigul (Dt) - 624 401.

Academic Year 2017-18

List of courses offered across all programs during 2017-18

Sl.No	Program code	Program Name	Course code	Course Name
1	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8151 HS	Communicative English
2	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA8151 BS	Engineering Mathematics – I
3	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH8151 BS	Engineering Physics
4	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY8151 BS	Engineering Chemistry
5	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8151 ES	Problem Solving and Python Programming
6	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8152 ES	Engineering Graphics
7	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8161 ES	Problem Solving and Python Programming Laboratory
8	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	BS8161 BS	Physics and Chemistry Laboratory
9	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS8251 HS	Technical English
10	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA8251 BS	Engineering Mathematics – II
11	103	UG-CIVIL	PH8201 BS	Physics For Civil Engineering
12	103	UG-CIVIL	BE8251 ES	Basic Electrical and Electronics Engineering
13	103,105,106	UG-CIVIL,EEE,ECE	GE8291 HS	Environmental Science and Engineering
14	103,114	UG-CIVIL,MECH	GE8292 ES	Engineering Mechanics
15	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE8261 ES	Engineering Practices Laboratory
16	103	UG-CIVIL	CE8211 PC	Computer Aided Building Drawing
17	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6351	Transforms and Partial Differential Equations
18	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6351	Environmental Science and Engineering
19	103	UG-CIVIL	CE6301	Engineering Geology
20	103	UG-CIVIL	CE6302	Mechanics of Solids
21	103	UG-CIVIL	CE6303	Mechanics of Fluids
22	103	UG-CIVIL	CE6304	Surveying I
23	103	UG-CIVIL	CE6311	Survey Practical I
24	103	UG-CIVIL	CE6312	Computer Aided Building Drawing
25	103,105	UG-CIVIL,EEE	MA6459	Numerical Methods
26	103	UG-CIVIL	CE6401	Construction Materials
27	103	UG-CIVIL	CE6402	Strength of Materials
28	103	UG-CIVIL	CE6403	Applied Hydraulic Engineering

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29	103	UG-CIVIL	CE6404	Surveying II
30	103	UG-CIVIL	CE6405	Soil Mechanics
31	103	UG-CIVIL	CE6411	Strength of Materials Laboratory
32	103	UG-CIVIL	CE6412	Hydraulic Engineering Laboratory
33	103	UG-CIVIL	CE6413	Survey Practical II
34	103	UG-CIVIL	CE6501	Structural Analysis I
35	103	UG-CIVIL	CE6502	Foundation Engineering
36	103	UG-CIVIL	CE6503	Environmental Engineering I
37	103	UG-CIVIL	CE6504	Highway Engineering
38	103	UG-CIVIL	CE6505	Design of Reinforced Concrete Elements
39	103	UG-CIVIL	CE6506	Construction Techniques, Equipment and Practice
40	103	UG-CIVIL	GE6563	Communication Skills - Laboratory Based
41	103	UG-CIVIL	CE6511	Soil Mechanics Laboratory
42	103	UG-CIVIL	CE6512	Survey Camp*
43	103	UG-CIVIL	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
44	103	UG-CIVIL	CE6602	Structural Analysis II
45	103	UG-CIVIL	CE6603	Design of Steel Structures
46	103	UG-CIVIL	CE6604	Railways, Airports and Harbour Engineering
47	103	UG-CIVIL	CE6605	Environmental Engineering II
48	103	UG-CIVIL	CE6002	Concrete Technology
49	103	UG-CIVIL	CE6611	Environmental Engineering Laboratory
50	103	UG-CIVIL	CE6612	Concrete and Highway Engineering Laboratory
51	103	UG-CIVIL	CE6701	Structural Dynamics and Earthquake Engineering
52	103	UG-CIVIL	CE6702	Prestressed Concrete Structures
53	103	UG-CIVIL	CE6703	Water Resources and Irrigation Engineering
54	103	UG-CIVIL	CE6006	Traffic Engineering and Management
55	103	UG-CIVIL	EN6501	Municipal Solid Waste Management
56	103	UG-CIVIL	CE6711	Computer Aided Design and Drafting Laboratory
57	103	UG-CIVIL	CE6712	Design Project
58	103	UG-CIVIL	CE6713	Estimation and Quantity Surveying
59	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MG6851	Principles of Management

60	103	UG-CIVIL	CE6021	Repair and Rehabilitation of Structures
61	103	UG-CIVIL	CE6016	Prefabricated Structures
62	103	UG-CIVIL	CE6811	Project Work
63	104	UG-CSE	PH8252 BS	Physics for Information Science
64	104	UG-CSE	BE8255 ES	Basic Electrical, Electronics and Measurement Engineering
65	104	UG-CSE	CS8251 PC	Programming in C
66	104	UG-CSE	CS8261 PC	C Programming Laboratory
67	104	UG-CSE	CS6301	Programming and Data Structure II
68	104	UG-CSE	CS6302	Database Management Systems
69	104,106	UG-CSE,ECE	CS6303	Computer Architecture
70	104	UG-CSE	CS6304	Analog and Digital Communication
71	104	UG-CSE	CS6311	Programming and Data Structure Laboratory II
72	104	UG-CSE	CS6312	Database Management Systems Laboratory
73	104	UG-CSE	MA6453	Probability and Queueing Theory
74	104	UG-CSE	CS6551	Computer Networks
75	104	UG-CSE	CS6401	Operating Systems
76	104	UG-CSE	CS6402	Design and Analysis of Algorithms
77	104,106	UG-CSE,ECE	EC6504	Microprocessor and Microcontroller
78	104	UG-CSE	CS6403	Software Engineering
79	104	UG-CSE	CS6411	Networks Laboratory
80	104	UG-CSE	CS6412	Microprocessor and Microcontroller Laboratory
81	104	UG-CSE	CS6413	Operating Systems Laboratory
82	104	UG-CSE	MA6566	Discrete Mathematics
83	104	UG-CSE	CS6501	Internet Programming
84	104	UG-CSE	CS6502	Object Oriented Analysis and Design
85	104	UG-CSE	CS6503	Theory of Computation
86	104	UG-CSE	CS6504	Computer Graphics
87	104	UG-CSE	CS6511	Case Tools Laboratory
88	104	UG-CSE	CS6512	Internet Programming Laboratory
89	104	UG-CSE	CS6513	Computer Graphics Laboratory
90	104	UG-CSE	CS6601	Distributed Systems
91	104	UG-CSE	IT6601	Mobile Computing
92	104	UG-CSE	CS6660	Compiler Design

93	104	UG-CSE	IT6502	Digital Signal Processing
94	104	UG-CSE	CS6659	Artificial Intelligence
95	104,106,114	UG-CSE,ECE,MECH	GE6757	Total Quality Management
96	104	UG-CSE	CS6611	Mobile Application Development Laboratory
97	104	UG-CSE	CS6612	Compiler Laboratory
98	104,105,106,114	UG-CSE,EEE,ECE,MECH	GE6674	Communication and Soft Skills - Laboratory Based
99	104	UG-CSE	CS6701	Cryptography and Network Security
100	104	UG-CSE	CS6702	Graph Theory and Applications
101	104	UG-CSE	CS6703	Grid and Cloud Computing
102	104	UG-CSE	CS6704	Resource Management Techniques
103	104	UG-CSE	IT6801	Service Oriented Architecture
104	104	UG-CSE	CS6007	Information Retrieval
105	104	UG-CSE	CS6711	Security Laboratory
106	104	UG-CSE	CS6712	Grid and Cloud Computing Laboratory
107	104	UG-CSE	CS6801	Multi – Core Architectures and Programming
108	104,105,114	UG-CSE,EEE.MECH	GE6075	Professional Ethics in Engineering
109	104	UG-CSE	CS6008	Human Computer Interaction
110	104	UG-CSE	CS6811	Project Work
111	106	UG-ECE	PH8253 BS	Physics for Electronics Engineering
112	106	UG-ECE	BE8254 ES	Basic Electrical and Instrumentation Engineering
113	106	UG-ECE	EC8251 PC	Circuit Analysis
114	106	UG-ECE	EC8252 PC	Electronic Devices
115	106	UG-ECE	EC8261 PC	Circuits and Devices Laboratory
116	106	UG-ECE	EE6352	Electrical Engineering and Instrumentation
117	106	UG-ECE	EC6301	Object Oriented Programming and Data Structures
118	106	UG-ECE	EC6302	Digital Electronics
119	106	UG-ECE	EC6303	Signals and Systems
120	106	UG-ECE	EC6304	Electronic Circuits- I
121	106	UG-ECE	EC6311	Analog and Digital Circuits Laboratory
122	106	UG-ECE	EC6312	OOPS and Data Structures Laboratory
123	106	UG-ECE	MA6451	Probability and Random Processes
124	106	UG-ECE	EC6401	Electronic Circuits II

125	106	UG-ECE	EC6402	Communication Theory
126	106	UG-ECE	EC6403	Electromagnetic Fields
127	106	UG-ECE	EC6404	Linear Integrated Circuits
128	106	UG-ECE	EC6405	Control System Engineering
129	106	UG-ECE	EC6411	Circuit and Simulation Integrated Laboratory
130	106	UG-ECE	EC6412	Linear Integrated Circuit Laboratory
131	106	UG-ECE	EE6461	Electrical Engineering and Control System Laboratory
132	106	UG-ECE	EC6501	Digital Communication
133	106	UG-ECE	EC6502	Principles of Digital Signal Processing
134	106	UG-ECE	EC6503	Transmission Lines and Wave Guides
135	106	UG-ECE	EC6511	Digital Signal Processing Laboratory
136	106	UG-ECE	EC6512	Communication System Laboratory
137	106	UG-ECE	EC6513	Microprocessor and Microcontroller Laboratory
138	106	UG-ECE	CS6551	Computer Networks
139	106	UG-ECE	EC6601	VLSI Design
140	106	UG-ECE	EC6602	Antenna and Wave propagation
141	106	UG-ECE	EC6001	Medical Electronics
142	106	UG-ECE	EC6611	Computer Networks Laboratory
143	106	UG-ECE	EC6612	VLSI Design Laboratory
144	106	UG-ECE	EC6701	RF and Microwave Engineering
145	106	UG-ECE	EC6702	Optical Communication and Networks
146	106	UG-ECE	EC6703	Embedded and Real Time Systems
147	106	UG-ECE	EC6004	Satellite Communication
148	106	UG-ECE	EC6009	Advanced Computer Architecture
149	106	UG-ECE	EC6013	Advanced Microprocessors and Microcontrollers
150	106	UG-ECE	EC6711	Embedded Laboratory
151	106	UG-ECE	EC6712	Optical and Microwave Laboratory
152	106	UG-ECE	EC6801	Wireless Communication
153	106	UG-ECE	EC6802	Wireless Networks
154	106	UG-ECE	CS6003	Ad hoc and Sensors Networks
155	106	UG-ECE	EC6811	Project Work
156	105	UG-EEE	BE8252 ES	Basic Civil and Mechanical Engineering
157	105	UG-EEE	EE8251 PC	Circuit Theory

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158	105	UG-EEE	EE8261 PC	Electric Circuits Laboratory
159	105	UG-EEE	EE6301	Digital Logic Circuits
160	105	UG-EEE	EE6302	Electromagnetic Theory
161	105	UG-EEE	EC6202	Electronic Devices and Circuits
162	105	UG-EEE	EE6303	Linear Integrated Circuits and Applications
163	105	UG-EEE	EC6361	Electronics Laboratory
164	105	UG-EEE	EE6311	Linear and Digital Integrated Circuits Laboratory
165	105	UG-EEE	EE6401	Electrical Machines - I
166	105	UG-EEE	CS6456	Object Oriented Programming
167	105	UG-EEE	EE6402	Transmission and Distribution
168	105	UG-EEE	EE6403	Discrete Time Systems and Signal Processing
169	105	UG-EEE	EE6404	Measurements and Instrumentation
170	105	UG-EEE	CS6461	Object Oriented Programming Laboratory
171	105	UG-EEE	EE6411	Electrical Machines Laboratory - I
172	105	UG-EEE	EE6501	Power System Analysis
173	105	UG-EEE	EE6502	Microprocessors and Microcontrollers
174	105	UG-EEE	ME6701	Power Plant Engineering
175	105	UG-EEE	EE6503	Power Electronics
176	105	UG-EEE	EE6504	Electrical Machines - II
177	105	UG-EEE	IC6501	Control Systems
178	105	UG-EEE	EE6511	Control and Instrumentation Laboratory
179	105	UG-EEE	EE6512	Electrical Machines Laboratory - II
180	105	UG-EEE	EC6651	Communication Engineering
181	105	UG-EEE	EE6601	Solid State Drives
182	105	UG-EEE	EE6602	Embedded Systems
183	105	UG-EEE	EE6603	Power System Operation and Control
184	105	UG-EEE	EE6604	Design of Electrical Machines
185	105	UG-EEE	EE6002	Power System Transients
186	105	UG-EEE	EE6611	Power Electronics and Drives Laboratory
187	105	UG-EEE	EE6612	Microprocessors and Microcontrollers Laboratory
188	105	UG-EEE	EE6613	Presentation Skills and Technical Seminar
189	105	UG-EEE	EE6701	High Voltage Engineering

190	105	UG-EEE	EE6702	Protection and Switchgear
191	105	UG-EEE	EE6703	Special Electrical Machines
192	105	UG-EEE	EE6005	Power Quality
193	105	UG-EEE	EE6008	Microcontroller Based System Design
194	105	UG-EEE	EE6711	Power System Simulation Laboratory
195	105	UG-EEE	EE6712	Comprehension
196	105	UG-EEE	EE6801	Electric Energy Generation, Utilization and Conservation
197	105	UG-EEE	EE6010	High Voltage Direct Current Transmission
198	105	UG-EEE	EE6811	Project Work
199	114	UG-MECHANICAL	PH8251 BS	Materials Science
200	114	UG-MECHANICAL	BE8253 ES	Basic Electrical, Electronics and Instrumentation Engineering
201	114	UG-MECHANICAL	BE8261 ES	Basic Electrical, Electronics and Instrumentation Engineering Laboratory
202	114	UG-MECHANICAL	CE6306	Strength of Materials
203	114	UG-MECHANICAL	ME6301	Engineering Thermodynamics
204	114	UG-MECHANICAL	CE6451	Fluid Mechanics and Machinery
205	114	UG-MECHANICAL	ME6302	Manufacturing Technology - I
206	114	UG-MECHANICAL	EE6351	Electrical Drives and Controls
207	114	UG-MECHANICAL	ME6311	Manufacturing Technology Laboratory - I
208	114	UG-MECHANICAL	CE6461	Fluid Mechanics and Machinery Laboratory
209	114	UG-MECHANICAL	EE6365	Electrical Engineering Laboratory
210	114	UG-MECHANICAL	MA6452	Statistics and Numerical Methods
211	114	UG-MECHANICAL	ME6401	Kinematics of Machinery
212	114	UG-MECHANICAL	ME6402	Manufacturing Technology– II
213	114	UG-MECHANICAL	ME6403	Engineering Materials and Metallurgy
214	114	UG-MECHANICAL	ME6404	Thermal Engineering
215	114	UG-MECHANICAL	ME6411	Manufacturing Technology Laboratory– II
216	114	UG-MECHANICAL	ME6412	Thermal Engineering Laboratory - I
217	114	UG-MECHANICAL	CE6315	Strength of Materials Laboratory
218	114	UG-MECHANICAL	ME6501	Computer Aided Design
219	114	UG-MECHANICAL	ME6502	Heat and Mass Transfer
220	114	UG-MECHANICAL	ME6503	Design of Machine Elements
221	114	UG-MECHANICAL	ME6504	Metrology and Measurements

222	114	UG-MECHANICAL	ME6505	Dynamics of Machines
223	114	UG-MECHANICAL	ME6511	Dynamics Laboratory
224	114	UG-MECHANICAL	ME6512	Thermal Engineering Laboratory-II
225	114	UG-MECHANICAL	ME6513	Metrology and Measurements Laboratory
226	114	UG-MECHANICAL	ME6601	Design of Transmission Systems
227	114	UG-MECHANICAL	ME6602	Automobile Engineering
228	114	UG-MECHANICAL	ME6603	Finite Element Analysis
229	114	UG-MECHANICAL	ME6604	Gas Dynamics and Jet Propulsion
230	114	UG-MECHANICAL	ME6004	Unconventional Machining Processes
231	114	UG-MECHANICAL	ME6611	C.A.D. / C.A.M. Laboratory
232	114	UG-MECHANICAL	ME6612	Design and Fabrication Project
233	114	UG-MECHANICAL	ME6701	Power Plant Engineering
234	114	UG-MECHANICAL	ME6702	Mechatronics
235	114	UG-MECHANICAL	ME6703	Computer Integrated Manufacturing Systems
236	114	UG-MECHANICAL	ME6005	Process Planning and Cost Estimation
237	114	UG-MECHANICAL	ME6012	Maintenance Engineering
238	114	UG-MECHANICAL	ME6711	Simulation and Analysis Laboratory
239	114	UG-MECHANICAL	ME6712	Mechatronics Laboratory
240	114	UG-MECHANICAL	ME6713	Comprehension
241	114	UG-MECHANICAL	MG6863	Engineering Economics
242	114	UG-MECHANICAL	ME6016	Advanced I.C. Engines
243	114	UG-MECHANICAL	IE6605	Production Planning and Control
244	114	UG-MECHANICAL	ME6811	Project Work
245	413	PG-STRUCTURAL	MA5151 FC	Advanced Mathematical Methods
246	413	PG-STRUCTURAL	ST5101 PC	Advanced Concrete Structures
247	413	PG-STRUCTURAL	ST5102 PC	Dynamics of Structures
248	413	PG-STRUCTURAL	ST5103 PC	Theory of Elasticity and Plasticity
249	413	PG-STRUCTURAL	ST5001 PE	Maintenance and Rehabilitation of Structures
250	413	PG-STRUCTURAL	ST5002 PE	Prefabricated Structures
251	413	PG-STRUCTURAL	ST5201 PC	Advanced Steel Structures
252	413	PG-STRUCTURAL	ST5202 PC	Stability of Structures
253	413	PG-STRUCTURAL	ST5203 PC	Experimental Techniques
254	413	PG-STRUCTURAL	ST5204 PC	Finite Element Analysis of Structures
255	413	PG-STRUCTURAL	ST5008 PE	Industrial Structures

256	413	PG-STRUCTURAL	ST5009 PE	Prestressed Concrete
257	413	PG-STRUCTURAL	ST5211 PC	Advanced Structural Engineering Laboratory
258	413	PG-STRUCTURAL	ST5212 EEC	Practical Training I (2 weeks)
259	413	PG-STRUCTURAL	ST7013	Design of Steel Concrete Composite Structures
260	413	PG-STRUCTURAL	ST7014	Industrial Structures
261	413	PG-STRUCTURAL	ST7016	Prefabricated Structures
262	413	PG-STRUCTURAL	ST7311	Seminar
263	413	PG-STRUCTURAL	ST7312	Practical Training (4 Weeks)
264	413	PG-STRUCTURAL	ST7313	Project Work (Phase I)
265	413	PG-STRUCTURAL	ST7411	Project Work (Phase II)
266	631	PG-MBA	BA5101 PC	Economic Analysis for Business
267	631	PG-MBA	BA5102 PC	Principles of Management
268	631	PG-MBA	BA5103 PC	Accounting for Management
269	631	PG-MBA	BA5104 PC	Legal Aspects of Business
270	631	PG-MBA	BA5105 PC	Organizational Behaviour
271	631	PG-MBA	BA5106 PC	Statistics for Management
272	631	PG-MBA	BA5107 PC	Total Quality Management
273	631	PG-MBA	BA5111 EEC	Spoken and Written Communication #
274	631	PG-MBA	BA5201 PC	Applied Operations Research
275	631	PG-MBA	BA5202 PC	Business Research Methods
276	631	PG-MBA	BA5203 PC	Financial Management
277	631	PG-MBA	BA5204 PC	Human Resource Management
278	631	PG-MBA	BA5205 PC	Information Management
279	631	PG-MBA	BA5206 PC	Operations Management
280	631	PG-MBA	BA5207 PC	Marketing Management
281	631	PG-MBA	BA5211 EEC	Data Analysis and Business Modelling
282	631	PG-MBA	BA7301	Enterprise Resource Planning
283	631	PG-MBA	BA7302	Strategic Management
284	631	PG-MBA	BA7012	Retail Management
285	631	PG-MBA	BA7013	Services Marketing
286	631	PG-MBA	BA7014	Integrated Marketing Communication
287	631	PG-MBA	BA7021	Security Analysis and Portfolio Management
288	631	PG-MBA	BA7023	International Trade Finance
289	631	PG-MBA	BA7031	Managerial Behavior and Effectiveness

290	631	PG-MBA	BA7032	Entrepreneurship Development
291	631	PG-MBA	BA7034	Industrial Relations & Labour Welfare
292	631	PG-MBA	BA7025	Micro Finance
293	631	PG-MBA	BA7311	Professional Skill Development
294	631	PG-MBA	BA7312	Summer Training
295	631	PG-MBA	BA7401	International Business Management
296	631	PG-MBA	BA7402	Business Ethics, Corporate Social Responsibility and Governance
297	631	PG-MBA	BA7411	Creativity and Innovation
298	631	PG-MBA	BA7412	Project Work

PRINCIPAL

Dr. J.SUNDARARAJAN,
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Principal
N.P.R. College of Engineering & Technology,
Natham, Dindigul (Dt) - 624 401.

Academic Year 2016-17

List of courses offered across all programs during 2016-17

Sl.No	Program code	Program Name	Course code	Course Name
1	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS6151	Technical English - I
2	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6151	Mathematics – I
3	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH6151	Engineering Physics – I
4	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY6151	Engineering Chemistry – I
5	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6151	Computer Programming
6	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6152	Engineering Graphics
7	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6161	Computer Practices Laboratory
8	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6162	Engineering Practices Laboratory
9	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6163	Physics and Chemistry Laboratory - I
10	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS6251	Technical English - II
11	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6251	Mathematics – II
12	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH6251	Engineering Physics – II
13	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY6251	Engineering Chemistry – II
14	103	UG-CIVIL	GE6252	Basic Electrical and Electronics Engineering
15	103,114	UG-CIVIL,MECH	GE6253	Engineering Mechanics
16	103	UG-CIVIL	GE6261	Computer Aided Drafting and Modeling Laboratory
17	103	UG-CIVIL	GE6262	Physics and Chemistry Laboratory - II
18	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6351	Transforms and Partial Differential Equations
19	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6351	Environmental Science and Engineering
20	103	UG-CIVIL	CE6301	Engineering Geology

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21	103	UG-CIVIL	CE6302	Mechanics of Solids
22	103	UG-CIVIL	CE6303	Mechanics of Fluids
23	103	UG-CIVIL	CE6304	Surveying I
24	103	UG-CIVIL	CE6311	Survey Practical I
25	103	UG-CIVIL	CE6312	Computer Aided Building Drawing
26	103,105	UG-CIVIL,EEE	MA6459	Numerical Methods
27	103	UG-CIVIL	CE6401	Construction Materials
28	103	UG-CIVIL	CE6402	Strength of Materials
29	103	UG-CIVIL	CE6403	Applied Hydraulic Engineering
30	103	UG-CIVIL	CE6404	Surveying II
31	103	UG-CIVIL	CE6405	Soil Mechanics
32	103	UG-CIVIL	CE6411	Strength of Materials Laboratory
33	103	UG-CIVIL	CE6412	Hydraulic Engineering Laboratory
34	103	UG-CIVIL	CE6413	Survey Practical II
35	103	UG-CIVIL	CE6501	Structural Analysis I
36	103	UG-CIVIL	CE6502	Foundation Engineering
37	103	UG-CIVIL	CE6503	Environmental Engineering I
38	103	UG-CIVIL	CE6504	Highway Engineering
39	103	UG-CIVIL	CE6505	Design of Reinforced Concrete Elements
40	103	UG-CIVIL	CE6506	Construction Techniques, Equipment and Practice
41	103	UG-CIVIL	GE6563	Communication Skills - Laboratory Based
42	103	UG-CIVIL	CE6511	Soil Mechanics Laboratory
43	103	UG-CIVIL	CE6512	Survey Camp*
44	103	UG-CIVIL	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
45	103	UG-CIVIL	CE6602	Structural Analysis II
46	103	UG-CIVIL	CE6603	Design of Steel Structures
47	103	UG-CIVIL	CE6604	Railways, Airports and Harbour Engineering
48	103	UG-CIVIL	CE6605	Environmental Engineering II
49	103	UG-CIVIL	CE6002	Concrete Technology
50	103	UG-CIVIL	CE6611	Environmental Engineering Laboratory
51	103	UG-CIVIL	CE6612	Concrete and Highway Engineering Laboratory

52	103	UG-CIVIL	CE6701	Structural Dynamics and Earthquake Engineering
53	103	UG-CIVIL	CE6702	Prestressed Concrete Structures
54	103	UG-CIVIL	CE6703	Water Resources and Irrigation Engineering
55	103	UG-CIVIL	CE6006	Traffic Engineering and Management
56	103	UG-CIVIL	EN6501	Municipal Solid Waste Management
57	103	UG-CIVIL	CE6711	Computer Aided Design and Drafting Laboratory
58	103	UG-CIVIL	CE6712	Design Project
59	103	UG-CIVIL	CE6713	Estimation and Quantity Surveying
60	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MG6851	Principles of Management
61	103	UG-CIVIL	CE6021	Repair and Rehabilitation of Structures
62	103	UG-CIVIL	CE6016	Prefabricated Structures
63	103	UG-CIVIL	CE6811	Project Work
64	104	UG-CSE	CS6201	Digital Principles and System Design
65	104	UG-CSE	CS6202	Programming and Data Structures I
66	104	UG-CSE	CS6211	Digital Laboratory
67	104	UG-CSE	CS6212	Programming and Data Structures Laboratory I
68	104	UG-CSE	CS6301	Programming and Data Structure II
69	104	UG-CSE	CS6302	Database Management Systems
70	104,106	UG-CSE,ECE	CS6303	Computer Architecture
71	104	UG-CSE	CS6304	Analog and Digital Communication
72	104	UG-CSE	CS6311	Programming and Data Structure Laboratory II
73	104	UG-CSE	CS6312	Database Management Systems Laboratory
74	104	UG-CSE	MA6453	Probability and Queueing Theory
75	104	UG-CSE	CS6551	Computer Networks
76	104	UG-CSE	CS6401	Operating Systems
77	104	UG-CSE	CS6402	Design and Analysis of Algorithms
78	104,106	UG-CSE,ECE	EC6504	Microprocessor and Microcontroller
79	104	UG-CSE	CS6403	Software Engineering
80	104	UG-CSE	CS6411	Networks Laboratory
81	104	UG-CSE	CS6412	Microprocessor and Microcontroller Laboratory

82	104	UG-CSE	CS6413	Operating Systems Laboratory
83	104	UG-CSE	MA6566	Discrete Mathematics
84	104	UG-CSE	CS6501	Internet Programming
85	104	UG-CSE	CS6502	Object Oriented Analysis and Design
86	104	UG-CSE	CS6503	Theory of Computation
87	104	UG-CSE	CS6504	Computer Graphics
88	104	UG-CSE	CS6511	Case Tools Laboratory
89	104	UG-CSE	CS6512	Internet Programming Laboratory
90	104	UG-CSE	CS6513	Computer Graphics Laboratory
91	104	UG-CSE	CS6601	Distributed Systems
92	104	UG-CSE	IT6601	Mobile Computing
93	104	UG-CSE	CS6660	Compiler Design
94	104	UG-CSE	IT6502	Digital Signal Processing
95	104	UG-CSE	CS6659	Artificial Intelligence
96	104,106,114	UG-CSE,ECE,MECH	GE6757	Total Quality Management
97	104	UG-CSE	CS6611	Mobile Application Development Laboratory
98	104	UG-CSE	CS6612	Compiler Laboratory
99	104,105,106,114	UG-CSE,EEE,ECE,MECH	GE6674	Communication and Soft Skills - Laboratory Based
100	104	UG-CSE	CS6701	Cryptography and Network Security
101	104	UG-CSE	CS6702	Graph Theory and Applications
102	104	UG-CSE	CS6703	Grid and Cloud Computing
103	104	UG-CSE	CS6704	Resource Management Techniques
104	104	UG-CSE	IT6801	Service Oriented Architecture
105	104	UG-CSE	CS6007	Information Retrieval
106	104	UG-CSE	CS6711	Security Laboratory
107	104	UG-CSE	CS6712	Grid and Cloud Computing Laboratory
108	104	UG-CSE	CS6801	Multi – Core Architectures and Programming
109	104,105,114	UG-CSE,EEE,MECH	GE6075	Professional Ethics in Engineering
110	104	UG-CSE	IT6011	Knowledge Management
111	104	UG-CSE	CS6811	Project Work
112	106	UG-ECE	EC6201	Electronic Devices
113	106	UG-ECE	EE6201	Circuit Theory
114	106	UG-ECE	EC6211	Circuits and Devices Laboratory

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115	106	UG-ECE	EE6352	Electrical Engineering and Instrumentation
116	106	UG-ECE	EC6301	Object Oriented Programming and Data Structures
117	106	UG-ECE	EC6302	Digital Electronics
118	106	UG-ECE	EC6303	Signals and Systems
119	106	UG-ECE	EC6304	Electronic Circuits- I
120	106	UG-ECE	EC6311	Analog and Digital Circuits Laboratory
121	106	UG-ECE	EC6312	OOPS and Data Structures Laboratory
122	106	UG-ECE	MA6451	Probability and Random Processes
123	106	UG-ECE	EC6401	Electronic Circuits II
124	106	UG-ECE	EC6402	Communication Theory
125	106	UG-ECE	EC6403	Electromagnetic Fields
126	106	UG-ECE	EC6404	Linear Integrated Circuits
127	106	UG-ECE	EC6405	Control System Engineering
128	106	UG-ECE	EC6411	Circuit and Simulation Integrated Laboratory
129	106	UG-ECE	EC6412	Linear Integrated Circuit Laboratory
130	106	UG-ECE	EE6461	Electrical Engineering and Control System Laboratory
131	106	UG-ECE	EC6501	Digital Communication
132	106	UG-ECE	EC6502	Principles of Digital Signal Processing
133	106	UG-ECE	EC6503	Transmission Lines and Wave Guides
134	106	UG-ECE	EC6511	Digital Signal Processing Laboratory
135	106	UG-ECE	EC6512	Communication System Laboratory
136	106	UG-ECE	EC6513	Microprocessor and Microcontroller Laboratory
137	106	UG-ECE	CS6551	Computer Networks
138	106	UG-ECE	EC6601	VLSI Design
139	106	UG-ECE	EC6602	Antenna and Wave propagation
140	106	UG-ECE	EC6001	Medical Electronics
141	106	UG-ECE	EC6611	Computer Networks Laboratory
142	106	UG-ECE	EC6612	VLSI Design Laboratory
143	106	UG-ECE	EC6701	RF and Microwave Engineering
144	106	UG-ECE	EC6702	Optical Communication and Networks
145	106	UG-ECE	EC6703	Embedded and Real Time Systems

146	106	UG-ECE	EC6004	Satellite Communication
147	106	UG-ECE	EC6009	Advanced Computer Architecture
148	106	UG-ECE	EC6013	Advanced Microprocessors and Microcontrollers
149	106	UG-ECE	EC6711	Embedded Laboratory
150	106	UG-ECE	EC6712	Optical and Microwave Laboratory
151	106	UG-ECE	EC6801	Wireless Communication
152	106	UG-ECE	EC6802	Wireless Networks
153	106	UG-ECE	CS6003	Ad hoc and Sensors Networks
154	106	UG-ECE	EC6811	Project Work
155	105	UG-EEE	GE6251	Basic Civil and Mechanical Engineering
156	105	UG-EEE	EE6201	Circuit Theory
157	105	UG-EEE	GE6263	Computer Programming Laboratory
158	105	UG-EEE	EE6211	Electric Circuits Laboratory
159	105	UG-EEE	EE6301	Digital Logic Circuits
160	105	UG-EEE	EE6302	Electromagnetic Theory
161	105	UG-EEE	EC6202	Electronic Devices and Circuits
162	105	UG-EEE	EE6303	Linear Integrated Circuits and Applications
163	105	UG-EEE	EC6361	Electronics Laboratory
164	105	UG-EEE	EE6311	Linear and Digital Integrated Circuits Laboratory
165	105	UG-EEE	EE6401	Electrical Machines - I
166	105	UG-EEE	CS6456	Object Oriented Programming
167	105	UG-EEE	EE6402	Transmission and Distribution
168	105	UG-EEE	EE6403	Discrete Time Systems and Signal Processing
169	105	UG-EEE	EE6404	Measurements and Instrumentation
170	105	UG-EEE	CS6461	Object Oriented Programming Laboratory
171	105	UG-EEE	EE6411	Electrical Machines Laboratory - I
172	105	UG-EEE	EE6501	Power System Analysis
173	105	UG-EEE	EE6502	Microprocessors and Microcontrollers
174	105	UG-EEE	ME6701	Power Plant Engineering
175	105	UG-EEE	EE6503	Power Electronics
176	105	UG-EEE	EE6504	Electrical Machines - II

177	105	UG-EEE	IC6501	Control Systems
178	105	UG-EEE	EE6511	Control and Instrumentation Laboratory
179	105	UG-EEE	EE6512	Electrical Machines Laboratory - II
180	105	UG-EEE	EC6651	Communication Engineering
181	105	UG-EEE	EE6601	Solid State Drives
182	105	UG-EEE	EE6602	Embedded Systems
183	105	UG-EEE	EE6603	Power System Operation and Control
184	105	UG-EEE	EE6604	Design of Electrical Machines
185	105	UG-EEE	EE6002	Power System Transients
186	105	UG-EEE	EE6611	Power Electronics and Drives Laboratory
187	105	UG-EEE	EE6612	Microprocessors and Microcontrollers Laboratory
188	105	UG-EEE	EE6613	Presentation Skills and Technical Seminar
189	105	UG-EEE	EE6701	High Voltage Engineering
190	105	UG-EEE	EE6702	Protection and Switchgear
191	105	UG-EEE	EE6703	Special Electrical Machines
192	105	UG-EEE	EE6005	Power Quality
193	105	UG-EEE	EE6008	Microcontroller Based System Design
194	105	UG-EEE	EE6711	Power System Simulation Laboratory
195	105	UG-EEE	EE6712	Comprehension
196	105	UG-EEE	EE6801	Electric Energy Generation, Utilization and Conservation
197	105	UG-EEE	EE6010	High Voltage Direct Current Transmission
198	105	UG-EEE	EE6811	Project Work
199	114	UG-MECHANICAL	CE6306	Strength of Materials
200	114	UG-MECHANICAL	ME6301	Engineering Thermodynamics
201	114	UG-MECHANICAL	CE6451	Fluid Mechanics and Machinery
202	114	UG-MECHANICAL	ME6302	Manufacturing Technology - I
203	114	UG-MECHANICAL	EE6351	Electrical Drives and Controls
204	114	UG-MECHANICAL	ME6311	Manufacturing Technology Laboratory - I
205	114	UG-MECHANICAL	CE6461	Fluid Mechanics and Machinery Laboratory
206	114	UG-MECHANICAL	EE6365	Electrical Engineering Laboratory

207	114	UG-MECHANICAL	MA6452	Statistics and Numerical Methods
208	114	UG-MECHANICAL	ME6401	Kinematics of Machinery
209	114	UG-MECHANICAL	ME6402	Manufacturing Technology– II
210	114	UG-MECHANICAL	ME6403	Engineering Materials and Metallurgy
211	114	UG-MECHANICAL	ME6404	Thermal Engineering
212	114	UG-MECHANICAL	ME6411	Manufacturing Technology Laboratory–II
213	114	UG-MECHANICAL	ME6412	Thermal Engineering Laboratory - I
214	114	UG-MECHANICAL	CE6315	Strength of Materials Laboratory
215	114	UG-MECHANICAL	ME6501	Computer Aided Design
216	114	UG-MECHANICAL	ME6502	Heat and Mass Transfer
217	114	UG-MECHANICAL	ME6503	Design of Machine Elements
218	114	UG-MECHANICAL	ME6504	Metrology and Measurements
219	114	UG-MECHANICAL	ME6505	Dynamics of Machines
220	114	UG-MECHANICAL	ME6511	Dynamics Laboratory
221	114	UG-MECHANICAL	ME6512	Thermal Engineering Laboratory-II
222	114	UG-MECHANICAL	ME6513	Metrology and Measurements Laboratory
223	114	UG-MECHANICAL	ME6601	Design of Transmission Systems
224	114	UG-MECHANICAL	ME6602	Automobile Engineering
225	114	UG-MECHANICAL	ME6603	Finite Element Analysis
226	114	UG-MECHANICAL	ME6604	Gas Dynamics and Jet Propulsion
227	114	UG-MECHANICAL	ME6004	Unconventional Machining Processes
228	114	UG-MECHANICAL	ME6611	C.A.D. / C.A.M. Laboratory
229	114	UG-MECHANICAL	ME6612	Design and Fabrication Project
230	114	UG-MECHANICAL	ME6701	Power Plant Engineering
231	114	UG-MECHANICAL	ME6702	Mechatronics
232	114	UG-MECHANICAL	ME6703	Computer Integrated Manufacturing Systems
233	114	UG-MECHANICAL	ME6005	Process Planning and Cost Estimation
234	114	UG-MECHANICAL	ME6012	Maintenance Engineering
235	114	UG-MECHANICAL	ME6711	Simulation and Analysis Laboratory
236	114	UG-MECHANICAL	ME6712	Mechatronics Laboratory
237	114	UG-MECHANICAL	ME6713	Comprehension
238	114	UG-MECHANICAL	MG6863	Engineering Economics

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239	114	UG-MECHANICAL	ME6016	Advanced I.C. Engines
240	114	UG-MECHANICAL	IE6605	Production Planning and Control
241	114	UG-MECHANICAL	ME6811	Project Work
242	413	PG-STRUCTURAL	MA7154	Advanced Mathematical Methods
243	413	PG-STRUCTURAL	ST7101	Concrete Structures
244	413	PG-STRUCTURAL	ST7102	Structural Dynamics
245	413	PG-STRUCTURAL	ST7103	Theory of Elasticity and Plasticity
246	413	PG-STRUCTURAL	ST7002	Maintenance and Rehabilitation of Structures
247	413	PG-STRUCTURAL	CN7001	Advanced Concrete Technology
248	413	PG-STRUCTURAL	ST7201	Finite Element Analysis
249	413	PG-STRUCTURAL	ST7202	Experimental Techniques and Instrumentation
250	413	PG-STRUCTURAL	ST7203	Steel Structures
251	413	PG-STRUCTURAL	ST7204	Earthquake Analysis and Design of Structures
252	413	PG-STRUCTURAL	ST7006	Design of Bridges
253	413	PG-STRUCTURAL	ST7008	Pre-Stressed Concrete
254	413	PG-STRUCTURAL	ST7211	Advanced Structural Engineering Laboratory
255	413	PG-STRUCTURAL	ST7013	Design of Steel Concrete Composite Structures
256	413	PG-STRUCTURAL	ST7014	Industrial Structures
257	413	PG-STRUCTURAL	ST7016	Prefabricated Structures
258	413	PG-STRUCTURAL	ST7311	Seminar
259	413	PG-STRUCTURAL	ST7312	Practical Training (4 Weeks)
260	413	PG-STRUCTURAL	ST7313	Project Work (Phase I)
261	413	PG-STRUCTURAL	ST7411	Project Work (Phase II)
262	631	PG-MBA	BA7101	Principles of Management
263	631	PG-MBA	BA7102	Statistics for Management
264	631	PG-MBA	BA7103	Economic Analysis for Business
265	631	PG-MBA	BA7104	Total Quality Management
266	631	PG-MBA	BA7105	Organizational Behaviour
267	631	PG-MBA	BA7106	Accounting for Management
268	631	PG-MBA	BA7107	Legal Aspects of Business
269	631	PG-MBA	BA7108	Written Communication
270	631	PG-MBA	BA7201	Operations Management

271	631	PG-MBA	BA7202	Financial Management
272	631	PG-MBA	BA7203	Marketing Management
273	631	PG-MBA	BA7204	Human Resource Management
274	631	PG-MBA	BA7205	Information Management
275	631	PG-MBA	BA7206	Applied Operations Research
276	631	PG-MBA	BA7207	Business Research Methods
277	631	PG-MBA	BA7211	Data Analysis and Business Modeling
278	631	PG-MBA	BA7301	Enterprise Resource Planning
279	631	PG-MBA	BA7302	Strategic Management
280	631	PG-MBA	BA7012	Retail Management
281	631	PG-MBA	BA7013	Services Marketing
282	631	PG-MBA	BA7014	Integrated Marketing Communication
283	631	PG-MBA	BA7021	Security Analysis and Portfolio Management
284	631	PG-MBA	BA7023	International Trade Finance
285	631	PG-MBA	BA7025	Micro Finance
286	631	PG-MBA	BA7031	Managerial Behavior and Effectiveness
287	631	PG-MBA	BA7032	Entrepreneurship Development
288	631	PG-MBA	BA7034	Industrial Relations & Labour Welfare
289	631	PG-MBA	BA7311	Professional Skill Development
290	631	PG-MBA	BA7312	Summer Training
291	631	PG-MBA	BA7401	International Business Management
292	631	PG-MBA	BA7402	Business Ethics, Corporate Social Responsibility and Governance
293	631	PG-MBA	BA7411	Creativity and Innovation
294	631	PG-MBA	BA7412	Project Work
295	405	PG-CSE	MA7155	Applied Probability and Statistics
296	405	PG-CSE	CP7101	Design and Management of Computer Networks
297	405	PG-CSE	CP7102	Advanced Data Structures and Algorithms
298	405	PG-CSE	CP7103	Multicore Architectures
299	405	PG-CSE	CP7004	Image Processing and Analysis
300	405	PG-CSE	CP7007	Software Requirements Engineering
301	405	PG-CSE	CP7111	Advanced Data Structures Laboratory

302	405	PG-CSE	CP7112	Case Study - Network Design (Team Work)
303	405	PG-CSE	CP7201	Theoretical Foundations of Computer Science
304	405	PG-CSE	CP7202	Advanced Databases
305	405	PG-CSE	CP7203	Principles of Programming Languages
306	405	PG-CSE	CP7204	Advanced Operating Systems
307	405	PG-CSE	NE7202	Network and Information Security
308	405	PG-CSE	IF7202	Cloud Computing
309	405	PG-CSE	CP7211	Advanced Databases Laboratory
310	405	PG-CSE	CP7212	Case Study - Operating Systems Design (Team Work)
311	405	PG-CSE	CP7301	Software Process and Project Management
312	405	PG-CSE	CP7025	Data Mining Techniques
313	405	PG-CSE	CP7029	Information Storage Management
314	405	PG-CSE	NE7011	Mobile Application Development
315	405	PG-CSE	CP7311	Project Work (Phase I)
316	405	PG-CSE	CP7411	Project Work (Phase II)

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Academic Year 2015-16

List of courses offered across all programs during 2015-16

Sl.No	Program code	Program Name	Course code	Course Name
1	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS6151	Technical English - I
2	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6151	Mathematics – I
3	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH6151	Engineering Physics – I
4	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY6151	Engineering Chemistry – I
5	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6151	Computer Programming
6	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6152	Engineering Graphics
7	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6161	Computer Practices Laboratory
8	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6162	Engineering Practices Laboratory
9	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6163	Physics and Chemistry Laboratory - I
10	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	HS6251	Technical English - II
11	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6251	Mathematics – II
12	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	PH6251	Engineering Physics – II
13	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	CY6251	Engineering Chemistry – II
14	103	UG-CIVIL	GE6252	Basic Electrical and Electronics Engineering
15	103,114	UG-CIVIL,MECH	GE6253	Engineering Mechanics
16	103	UG-CIVIL	GE6261	Computer Aided Drafting and Modeling Laboratory
17	103	UG-CIVIL	GE6262	Physics and Chemistry Laboratory - II
18	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	MA6351	Transforms and Partial Differential Equations
19	103,104,105,106,114	UG-CIVIL,CSE,EEE,ECE,MECH	GE6351	Environmental Science and Engineering

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20	103	UG-CIVIL	CE6301	Engineering Geology
21	103	UG-CIVIL	CE6302	Mechanics of Solids
22	103	UG-CIVIL	CE6303	Mechanics of Fluids
23	103	UG-CIVIL	CE6304	Surveying I
24	103	UG-CIVIL	CE6311	Survey Practical I
25	103	UG-CIVIL	CE6312	Computer Aided Building Drawing
26	103,105	UG-CIVIL,EEE	MA6459	Numerical Methods
27	103	UG-CIVIL	CE6401	Construction Materials
28	103	UG-CIVIL	CE6402	Strength of Materials
29	103	UG-CIVIL	CE6403	Applied Hydraulic Engineering
30	103	UG-CIVIL	CE6404	Surveying II
31	103	UG-CIVIL	CE6405	Soil Mechanics
32	103	UG-CIVIL	CE6411	Strength of Materials Laboratory
33	103	UG-CIVIL	CE6412	Hydraulic Engineering Laboratory
34	103	UG-CIVIL	CE6413	Survey Practical II
35	103	UG-CIVIL	CE6501	Structural Analysis I
36	103	UG-CIVIL	CE6502	Foundation Engineering
37	103	UG-CIVIL	CE6503	Environmental Engineering I
38	103	UG-CIVIL	CE6504	Highway Engineering
39	103	UG-CIVIL	CE6505	Design of Reinforced Concrete Elements
40	103	UG-CIVIL	CE6506	Construction Techniques, Equipment and Practice
41	103	UG-CIVIL	GE6563	Communication Skills - Laboratory Based
42	103	UG-CIVIL	CE6511	Soil Mechanics Laboratory

43	103	UG-CIVIL	CE6512	Survey Camp*
44	103	UG-CIVIL	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
45	103	UG-CIVIL	CE6602	Structural Analysis II
46	103	UG-CIVIL	CE6603	Design of Steel Structures
47	103	UG-CIVIL	CE6604	Railways, Airports and Harbour Engineering
48	103	UG-CIVIL	CE6605	Environmental Engineering II
49	103	UG-CIVIL	CE6003	Remote Sensing Techniques and GIS
50	103	UG-CIVIL	CE6611	Environmental Engineering Laboratory
51	103	UG-CIVIL	CE6612	Concrete and Highway Engineering Laboratory
52	103	UG-CIVIL	CE2401	Design of Reinforced Concrete & Brick Masonry Structures
53	103	UG-CIVIL	CE2402	Estimation and Quantity Surveying
54	103	UG-CIVIL	CE2403	Basics of Dynamics and Aseismic Design
55	103	UG-CIVIL	CE2404	Prestressed Concrete Structures
56	103	UG-CIVIL	CE2039	Municipal Solid Waste Management
57	103	UG-CIVIL	GE2073	Contract Laws and Regulations
58	103	UG-CIVIL	CE2405	Computer Aided Design and Drafting Laboratory
59	103	UG-CIVIL	CE2406	Design Project
60	103	UG-CIVIL	CE2451	Engineering Economics and Cost Analysis
61	103	UG-CIVIL	CE2045	Prefabricated structures
62	103	UG-CIVIL	CE2071	Repair and Rehabilitation of Structures
63	103	UG-CIVIL	CE2453	Project Work
64	104	UG-CSE	CS6201	Digital Principles and System Design

65	104	UG-CSE	CS6202	Programming and Data Structures I
66	104	UG-CSE	CS6211	Digital Laboratory
67	104	UG-CSE	CS6212	Programming and Data Structures Laboratory I
68	104	UG-CSE	CS6301	Programming and Data Structure II
69	104	UG-CSE	CS6302	Database Management Systems
70	104,106	UG-CSE,ECE	CS6303	Computer Architecture
71	104	UG-CSE	CS6304	Analog and Digital Communication
72	104	UG-CSE	CS6311	Programming and Data Structure Laboratory II
73	104	UG-CSE	CS6312	Database Management Systems Laboratory
74	104	UG-CSE	MA6453	Probability and Queueing Theory
75	104	UG-CSE	CS6551	Computer Networks
76	104	UG-CSE	CS6401	Operating Systems
77	104	UG-CSE	CS6402	Design and Analysis of Algorithms
78	104,106	UG-CSE,ECE	EC6504	Microprocessor and Microcontroller
79	104	UG-CSE	CS6403	Software Engineering
80	104	UG-CSE	CS6411	Networks Laboratory
81	104	UG-CSE	CS6412	Microprocessor and Microcontroller Laboratory
82	104	UG-CSE	CS6413	Operating Systems Laboratory
83	104	UG-CSE	MA6566	Discrete Mathematics
84	104	UG-CSE	CS6501	Internet Programming
85	104	UG-CSE	CS6502	Object Oriented Analysis and Design
86	104	UG-CSE	CS6503	Theory of Computation
87	104	UG-CSE	CS6504	Computer Graphics

88	104	UG-CSE	CS6511	Case Tools Laboratory
89	104	UG-CSE	CS6512	Internet Programming Laboratory
90	104	UG-CSE	CS6513	Computer Graphics Laboratory
91	104	UG-CSE	CS6601	Distributed Systems
92	104	UG-CSE	IT6601	Mobile Computing
93	104	UG-CSE	CS6660	Compiler Design
94	104	UG-CSE	IT6502	Digital Signal Processing
95	104	UG-CSE	CS6659	Artificial Intelligence
96	104,106,114	UG-CSE,ECE,MECH	GE6757	Total Quality Management
97	104	UG-CSE	CS6611	Mobile Application Development Laboratory
98	104	UG-CSE	CS6612	Compiler Laboratory
99	104,105,106,114	UG-CSE,EEE,ECE,MECH	GE6674	Communication and Soft Skills - Laboratory Based
100	104	UG-CSE	MG2452	Engineering Economics & Financial Accounting
101	104	UG-CSE	CS2401	Computer Graphics
102	104	UG-CSE	CS2402	Mobile and Pervasive Computing
103	104	UG-CSE	CS2403	Digital Signal Processing
104	104,106,205	UG-CSE,ECE,IT	GE2022	Total Quality Management
105	104	UG-CSE	IT2024	User Interface Design
106	104	UG-CSE	CS2405	Computer Graphics Lab
107	104	UG-CSE	CS2406	Open Source Lab
108	104	UG-CSE	IT2403	Software Project Management
109	104	UG-CSE	IT2042	Information Security
110	104,205	UG-CSE,IT	GE2025	Professional Ethics in Engineering

111	104	UG-CSE	CS2451	Project Work
112	106	UG-ECE	EC6201	Electronic Devices
113	106	UG-ECE	EE6201	Circuit Theory
114	106	UG-ECE	EC6211	Circuits and Devices Laboratory
115	106	UG-ECE	EE6352	Electrical Engineering and Instrumentation
116	106	UG-ECE	EC6301	Object Oriented Programming and Data Structures
117	106	UG-ECE	EC6302	Digital Electronics
118	106	UG-ECE	EC6303	Signals and Systems
119	106	UG-ECE	EC6304	Electronic Circuits- I
120	106	UG-ECE	EC6311	Analog and Digital Circuits Laboratory
121	106	UG-ECE	EC6312	OOPS and Data Structures Laboratory
122	106	UG-ECE	MA6451	Probability and Random Processes
123	106	UG-ECE	EC6401	Electronic Circuits II
124	106	UG-ECE	EC6402	Communication Theory
125	106	UG-ECE	EC6403	Electromagnetic Fields
126	106	UG-ECE	EC6404	Linear Integrated Circuits
127	106	UG-ECE	EC6405	Control System Engineering
128	106	UG-ECE	EC6411	Circuit and Simulation Integrated Laboratory
129	106	UG-ECE	EC6412	Linear Integrated Circuit Laboratory
130	106	UG-ECE	EE6461	Electrical Engineering and Control System Laboratory
131	106	UG-ECE	EC6501	Digital Communication
132	106	UG-ECE	EC6502	Principles of Digital Signal Processing
133	106	UG-ECE	EC6503	Transmission Lines and Wave Guides

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134	106	UG-ECE	EC6511	Digital Signal Processing Laboratory
135	106	UG-ECE	EC6512	Communication System Laboratory
136	106	UG-ECE	EC6513	Microprocessor and Microcontroller Laboratory
137	106	UG-ECE	MG6851	Principles of Management
138	106	UG-ECE	CS6551	Computer Networks
139	106	UG-ECE	EC6601	VLSI Design
140	106	UG-ECE	EC6602	Antenna and Wave propagation
141	106	UG-ECE	EC 6001	Medical Electronics
142	106	UG-ECE	EC6611	Computer Networks Laboratory
143	106	UG-ECE	EC6612	VLSI Design Laboratory
144	106	UG-ECE	EC2401	Wireless Communication
145	106	UG-ECE	EC2402	Optical Communication and Networks
146	106	UG-ECE	EC2403	RF and Microwave Engineering
147	106	UG-ECE	EC2034	Television and Video Engineering
148	106	UG-ECE	CS2060	High Speed Networks
149	106	UG-ECE	EC2404	Electronics System Design Lab
150	106	UG-ECE	EC2405	Optical & Microwave Lab
151	106	UG-ECE	EC2045	Satellite Communication
152	106	UG-ECE	EC2042	Embedded and Real Time Systems
153	106	UG-ECE	EC2451	Project Work
154	105	UG-EEE	GE6251	Basic Civil and Mechanical Engineering
155	105	UG-EEE	EE6201	Circuit Theory
156	105	UG-EEE	GE6263	Computer Programming Laboratory

157	105	UG-EEE	EE6211	Electric Circuits Laboratory
158	105	UG-EEE	EE6301	Digital Logic Circuits
159	105	UG-EEE	EE6302	Electromagnetic Theory
160	105	UG-EEE	EC6202	Electronic Devices and Circuits
161	105	UG-EEE	EE6303	Linear Integrated Circuits and Applications
162	105	UG-EEE	EC6361	Electronics Laboratory
163	105	UG-EEE	EE6311	Linear and Digital Integrated Circuits Laboratory
164	105	UG-EEE	EE6401	Electrical Machines - I
165	105	UG-EEE	CS6456	Object Oriented Programming
166	105	UG-EEE	EE6402	Transmission and Distribution
167	105	UG-EEE	EE6403	Discrete Time Systems and Signal Processing
168	105	UG-EEE	EE6404	Measurements and Instrumentation
169	105	UG-EEE	CS6461	Object Oriented Programming Laboratory
170	105	UG-EEE	EE6411	Electrical Machines Laboratory - I
171	105	UG-EEE	EE6501	Power System Analysis
172	105	UG-EEE	EE6502	Microprocessors and Microcontrollers
173	105	UG-EEE	ME6701	Power Plant Engineering
174	105	UG-EEE	EE6503	Power Electronics
175	105	UG-EEE	EE6504	Electrical Machines - II
176	105	UG-EEE	IC6501	Control Systems
177	105	UG-EEE	EE6511	Control and Instrumentation Laboratory
178	105	UG-EEE	EE6512	Electrical Machines Laboratory - II
179	105	UG-EEE	EC6651	Communication Engineering

180	105	UG-EEE	EE6601	Solid State Drives
181	105	UG-EEE	EE6602	Embedded Systems
182	105	UG-EEE	EE6603	Power System Operation and Control
183	105	UG-EEE	EE6604	Design of Electrical Machines
184	105	UG-EEE	EE6002	Power System Transients
185	105	UG-EEE	EE6611	Power Electronics and Drives Laboratory
186	105	UG-EEE	EE6612	Microprocessors and Microcontrollers Laboratory
187	105	UG-EEE	EE6613	Presentation Skills and Technical Seminar
188	105	UG-EEE	EE2401	Power System Operation and Control
189	105	UG-EEE	EE2402	Protection & Switchgear
190	105	UG-EEE	EE2403	Special Electrical Machines
191	105	UG-EEE	MG2351	Principles of Management
192	105	UG-EEE	CS2411	Operating Systems
193	105	UG-EEE	EI 2311	Basics of Bio medical instrumentation
194	105,114	UG-EEE,MECH	GE 2022	Total Quality Management
195	105	UG-EEE	EE2404	Power System Simulation Laboratory
196	105	UG-EEE	EE2405	Comprehension
197	105	UG-EEE	EE2451	Electric Energy Generation, Utilization and Conservation
198	105	UG-EEE	EE2036	Flexible AC Transmission Systems
199	105	UG-EEE	EE2028	Power Quality
200	105	UG-EEE	EE2452	Project work
201	114	UG-MECHANICAL	CE6306	Strength of Materials
202	114	UG-MECHANICAL	ME6301	Engineering Thermodynamics

203	114	UG-MECHANICAL	CE6451	Fluid Mechanics and Machinery
204	114	UG-MECHANICAL	ME6302	Manufacturing Technology - I
205	114	UG-MECHANICAL	EE6351	Electrical Drives and Controls
206	114	UG-MECHANICAL	ME6311	Manufacturing Technology Laboratory - I
207	114	UG-MECHANICAL	CE6461	Fluid Mechanics and Machinery Laboratory
208	114	UG-MECHANICAL	EE6365	Electrical Engineering Laboratory
209	114	UG-MECHANICAL	MA6452	Statistics and Numerical Methods
210	114	UG-MECHANICAL	ME6401	Kinematics of Machinery
211	114	UG-MECHANICAL	ME6402	Manufacturing Technology– II
212	114	UG-MECHANICAL	ME6403	Engineering Materials and Metallurgy
213	114	UG-MECHANICAL	ME6404	Thermal Engineering
214	114	UG-MECHANICAL	ME6411	Manufacturing Technology Laboratory–II
215	114	UG-MECHANICAL	ME6412	Thermal Engineering Laboratory - I
216	114	UG-MECHANICAL	CE6315	Strength of Materials Laboratory
217	114	UG-MECHANICAL	ME6501	Computer Aided Design
218	114	UG-MECHANICAL	ME6502	Heat and Mass Transfer
219	114	UG-MECHANICAL	ME6503	Design of Machine Elements
220	114	UG-MECHANICAL	ME6504	Metrology and Measurements
221	114	UG-MECHANICAL	ME6505	Dynamics of Machines
222	114	UG-MECHANICAL	GE6075	Professional Ethics in Engineering
223	114	UG-MECHANICAL	ME6511	Dynamics Laboratory
224	114	UG-MECHANICAL	ME6512	Thermal Engineering Laboratory-II
225	114	UG-MECHANICAL	ME6513	Metrology and Measurements Laboratory

226	114	UG-MECHANICAL	ME6601	Design of Transmission Systems
227	114	UG-MECHANICAL	ME6602	Automobile Engineering
228	114	UG-MECHANICAL	ME6603	Finite Element Analysis
229	114	UG-MECHANICAL	ME6604	Gas Dynamics and Jet Propulsion
230	114	UG-MECHANICAL	ME6003	Renewable Sources of Energy
231	114	UG-MECHANICAL	ME6004	Unconventional Machining Processes
232	114	UG-MECHANICAL	ME6611	C.A.D. / C.A.M. Laboratory
233	114	UG-MECHANICAL	ME6612	Design and Fabrication Project
234	114	UG-MECHANICAL	ME 2401	Mechatronics
235	114	UG-MECHANICAL	ME 2402	Computer Integrated Manufacturing
236	114	UG-MECHANICAL	ME 2403	Power Plant Engineering
237	114	UG-MECHANICAL	ME 2027	Process Planning & Cost Estimation
238	114	UG-MECHANICAL	ME 2028	Robotics
239	114	UG-MECHANICAL	ME 2404	Computer Aided Simulation & Analysis Laboratory
240	114	UG-MECHANICAL	ME 2405	Mechatronics Lab
241	114	UG-MECHANICAL	MG 2451	Engineering Economics and Cost Analysis
242	114	UG-MECHANICAL	ME 2036	Production Planning and Control
243	114	UG-MECHANICAL	ME 2037	Maintenance Engineering
244	114	UG-MECHANICAL	ME 2041	Advanced I.C. Engines
245	114	UG-MECHANICAL	ME 2452	Comprehension
246	114	UG-MECHANICAL	ME 2453	Project Work
247	114	UG-MECHANICAL	ME 2453	Project Work
248	205	UG-IT	IT2401	Service Oriented Architecture

249	205	UG-IT	IT2402	Mobile Communication
250	205	UG-IT	CS2401	Computer Graphics
251	205	UG-IT	IT2403	Software Project Management
252	205	UG-IT	IT2032	Software Testing
253	205	UG-IT	IT2042	Information Security
254	205	UG-IT	IT2406	Service Oriented Architecture Lab
255	205	UG-IT	CS2405	Computer Graphics Lab
256	205	UG-IT	GE2025	Professional Ethics in Engineering
257	205	UG-IT	IT2451	Project Work
258	413	PG-STRUCTURAL	MA7154	Advanced Mathematical Methods
259	413	PG-STRUCTURAL	ST7101	Concrete Structures
260	413	PG-STRUCTURAL	ST7102	Structural Dynamics
261	413	PG-STRUCTURAL	ST7103	Theory of Elasticity and Plasticity
262	413	PG-STRUCTURAL	ST7002	Maintenance and Rehabilitation of Structures
263	413	PG-STRUCTURAL	CN7001	Advanced Concrete Technology
264	413	PG-STRUCTURAL	ST7201	Finite Element Analysis
265	413	PG-STRUCTURAL	ST7202	Experimental Techniques and Instrumentation
266	413	PG-STRUCTURAL	ST7203	Steel Structures
267	413	PG-STRUCTURAL	ST7204	Earthquake Analysis and Design of Structures
268	413	PG-STRUCTURAL	ST7006	Design of Bridges
269	413	PG-STRUCTURAL	ST7008	Pre-Stressed Concrete
270	413	PG-STRUCTURAL	ST7211	Advanced Structural Engineering Laboratory
271	413	PG-STRUCTURAL	ST7013	Design of Steel Concrete Composite Structures

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272	413	PG-STRUCTURAL	ST7014	Industrial Structures
273	413	PG-STRUCTURAL	ST7016	Prefabricated Structures
274	413	PG-STRUCTURAL	ST7311	Seminar
275	413	PG-STRUCTURAL	ST7312	Practical Training (4 Weeks)
276	413	PG-STRUCTURAL	ST7313	Project Work (Phase I)
277	413	PG-STRUCTURAL	ST7411	Project Work (Phase II)
278	631	PG-MBA	BA7101	Principles of Management
279	631	PG-MBA	BA7102	Statistics for Management
280	631	PG-MBA	BA7103	Economic Analysis for Business
281	631	PG-MBA	BA7104	Total Quality Management
282	631	PG-MBA	BA7105	Organizational Behaviour
283	631	PG-MBA	BA7106	Accounting for Management
284	631	PG-MBA	BA7107	Legal Aspects of Business
285	631	PG-MBA	BA7108	Written Communication
286	631	PG-MBA	BA7201	Operations Management
287	631	PG-MBA	BA7202	Financial Management
288	631	PG-MBA	BA7203	Marketing Management
289	631	PG-MBA	BA7204	Human Resource Management
290	631	PG-MBA	BA7205	Information Management
291	631	PG-MBA	BA7206	Applied Operations Research
292	631	PG-MBA	BA7207	Business Research Methods
293	631	PG-MBA	BA7211	Data Analysis and Business Modeling
294	631	PG-MBA	BA7301	Enterprise Resource Planning

295	631	PG-MBA	BA7302	Strategic Management
296	631	PG-MBA	BA7013	Services Marketing
297	631	PG-MBA	BA7014	Integrated Marketing Communication
298	631	PG-MBA	BA7016	Rural Marketing
299	631	PG-MBA	BA7021	Security Analysis and Portfolio Management
300	631	PG-MBA	BA7022	Merchant Banking and Financial Services
301	631	PG-MBA	BA7025	Micro Finance
302	631	PG-MBA	BA7031	Managerial Behavior and Effectiveness
303	631	PG-MBA	BA7032	Entrepreneurship Development
304	631	PG-MBA	BA7034	Industrial Relations & Labour Welfare
305	631	PG-MBA	BA7311	Professional Skill Development
306	631	PG-MBA	BA7312	Summer Training
307	631	PG-MBA	BA7401	International Business Management
308	631	PG-MBA	BA7402	Business Ethics, Corporate Social Responsibility and Governance
309	631	PG-MBA	BA7411	Creativity and Innovation
310	631	PG-MBA	BA7412	Project Work
311	405	PG-CSE	MA7155	Applied Probability and Statistics
312	405	PG-CSE	CP7101	Design and Management of Computer Networks
313	405	PG-CSE	CP7102	Advanced Data Structures and Algorithms
314	405	PG-CSE	CP7103	Multicore Architectures
315	405	PG-CSE	CP7004	Image Processing and Analysis
316	405	PG-CSE	CP7007	Software Requirements Engineering
317	405	PG-CSE	CP7111	Advanced Data Structures Laboratory

318	405	PG-CSE	CP7112	Case Study - Network Design (Team Work)
319	405	PG-CSE	CP7201	Theoretical Foundations of Computer Science
320	405	PG-CSE	CP7202	Advanced Databases
321	405	PG-CSE	CP7203	Principles of Programming Languages
322	405	PG-CSE	CP7204	Advanced Operating Systems
323	405	PG-CSE	NE7202	Network and Information Security
324	405	PG-CSE	IF7202	Cloud Computing
325	405	PG-CSE	CP7211	Advanced Databases Laboratory
326	405	PG-CSE	CP7212	Case Study - Operating Systems Design (Team Work)
327	405	PG-CSE	CP7301	Software Process and Project Management
328	405	PG-CSE	CP7025	Data Mining Techniques
329	405	PG-CSE	CP7029	Information Storage Management
330	405	PG-CSE	NE7011	Mobile Application Development
331	405	PG-CSE	CP7311	Project Work (Phase I)
332	405	PG-CSE	CP7411	Project Work (Phase II)
333	415	PG-POWER ELECTRONICS AND DRIVES	MA7163	Applied Mathematics for Electrical Engineers
334	415	PG-POWER ELECTRONICS AND DRIVES	PX7101	Analysis of Electrical Machines
335	415	PG-POWER ELECTRONICS AND DRIVES	PX7102	Analysis of Power Converters
336	415	PG-POWER ELECTRONICS AND DRIVES	PX7103	Analysis and Design of Inverters
337	415	PG-POWER ELECTRONICS AND DRIVES	PX7104	Advanced Power Semiconductor Devices

338	415	PG-POWER ELECTRONICS AND DRIVES	ET7102	Microcontroller Based System Design
339	415	PG-POWER ELECTRONICS AND DRIVES	PX7201	Solid State DC Drives
340	415	PG-POWER ELECTRONICS AND DRIVES	PX7202	Solid State AC Drives
341	415	PG-POWER ELECTRONICS AND DRIVES	PX7203	Special Electrical Machines
342	415	PG-POWER ELECTRONICS AND DRIVES	PX7204	Power Quality
343	415	PG-POWER ELECTRONICS AND DRIVES	PS7202	Flexible AC Transmission Systems
344	415	PG-POWER ELECTRONICS AND DRIVES	CL7204	Soft Computing Techniques
345	415	PG-POWER ELECTRONICS AND DRIVES	PX7211	Power Electronics and Drives Lab
346	415	PG-POWER ELECTRONICS AND DRIVES	PX7301	Power Electronics for Renewable Energy Systems
347	415	PG-POWER ELECTRONICS AND DRIVES	PS7005	High Voltage Direct Current Transmission
348	415	PG-POWER ELECTRONICS AND DRIVES	PS7007	Wind Energy Conversion Systems
349	415	PG-POWER ELECTRONICS AND DRIVES	PX7311	Project work (Phase I)
350	415	PG-POWER ELECTRONICS AND DRIVES	PX7411	Project work (Phase II)
351	419	PG-VLSI DESIGN	MA7157	Applied Mathematics for Electronics Engineers
352	419	PG-VLSI DESIGN	VL7101	VLSI Signal Processing
353	419	PG-VLSI DESIGN	VL7102	VLSI Design Techniques

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354	419	PG-VLSI DESIGN	VL7103	Solid State Device Modeling and Simulation
355	419	PG-VLSI DESIGN	AP7008	DSP Integrated Circuits
356	419	PG-VLSI DESIGN	VL7002	Security Solutions in VLSI
357	419	PG-VLSI DESIGN	VL7111	VLSI Design Laboratory I
358	419	PG-VLSI DESIGN	AP7201	Analysis and Design of Analog Integrated Circuits
359	419	PG-VLSI DESIGN	VL7201	CAD for VLSI Circuits
360	419	PG-VLSI DESIGN	VL7202	Low Power VLSI Design
361	419	PG-VLSI DESIGN	VL7005	Physical Design of VLSI Circuits
362	419	PG-VLSI DESIGN	CU7001	Real Time Embedded Systems
363	419	PG-VLSI DESIGN	AP7016	System on Chip design
364	419	PG-VLSI DESIGN	VL7211	VLSI Design Laboratory II
365	419	PG-VLSI DESIGN	VL7301	Testing of VLSI Circuits
366	419	PG-VLSI DESIGN	VL7011	Signal Integrity for High Speed Devices
367	419	PG-VLSI DESIGN	VL7014	IP Based VLSI Design
368	419	PG-VLSI DESIGN	VL7311	Project Work (Phase I)
369	419	PG-VLSI DESIGN	VL7411	Project Work (Phase II)

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