



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

3.1 List of Courses offered across all programmes during 2017–2018

Sl. No.	Program name	Course code	Course name
1.	Civil Engineering	MA6351	Transforms and Partial Differential Equations
2.	Civil Engineering	GE6351	Environmental Science and Engineering
3.	Civil Engineering	CE6301	Engineering Geology
4.	Civil Engineering	CE6302	Mechanics of Solids
5.	Civil Engineering	CE6303	Mechanics of Fluids
6.	Civil Engineering	CE6304	Surveying I
7.	Civil Engineering	CE6311	Surveying Laboratory
8.	Civil Engineering	CE6312	Computer Aided Building Drawing
9.	Civil Engineering	MA6459	Numerical Methods
10.	Civil Engineering	CE6401	Construction Materials
11.	Civil Engineering	CE6402	Strength of Materials
12.	Civil Engineering	CE6403	Applied Hydraulic Engineering
13.	Civil Engineering	CE6404	Surveying II
14.	Civil Engineering	CE6405	Soil Mechanics
15.	Civil Engineering	CE6411	Strength of Materials Laboratory
16.	Civil Engineering	CE6412	Hydraulic Engineering Laboratory
17.	Civil Engineering	CE6413	Survey Practical II
18.	Civil Engineering	CE6501	Structural Analysis I
19.	Civil Engineering	CE6502	Foundation Engineering
20.	Civil Engineering	CE6503	Environmental Engineering I
21.	Civil Engineering	CE6504	Highway Engineering
22.	Civil Engineering	CE6505	Design of Reinforced Concrete Elements
23.	Civil Engineering	CE6506	Construction Techniques, Equipment and Practice
24.	Civil Engineering	GE6674	Communication and Soft skills- Laboratory Based
25.	Civil Engineering	CE6511	Soil Mechanics Laboratory
26.	Civil Engineering	CE6512	Survey Camp*
27.	Civil Engineering	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
28.	Civil Engineering	CE6602	Structural Analysis II
29.	Civil Engineering	CE6603	Design of Steel Structures
30.	Civil Engineering	CE6604	Railways, Airports and Harbour Engineering
31.	Civil Engineering	CE6605	Environmental Engineering II
32.	Civil Engineering	CE6611	Environmental Engineering Laboratory
33.	Civil Engineering	CE6612	Concrete and Highway Engineering Laboratory
34.	Civil Engineering	CE6002	Concrete Technology
35.	Civil Engineering	CE6611	Environmental Engineering Laboratory
36.	Civil Engineering	CE6612	Concrete and Highway Engineering Laboratory
37.	Civil Engineering	CE6701	Structural Dynamics and Earthquake Engineering
38.	Civil Engineering	CE6702	Prestressed Concrete Structures
39.	Civil Engineering	CE6703	Water Resources and Irrigation Engineering
40.	Civil Engineering	CE6704	Estimation and Quantity Surveying

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41.	Civil Engineering	CE6006	Traffic Engineering and Management
42.	Civil Engineering	EN6501	Municipal Solid Waste Management
43.	Civil Engineering	MG6851	Principles of Management
44.	Civil Engineering	CE6016	Prefabricated Structures
45.	Civil Engineering	CE6021	Repair and Rehabilitation of Structures
46.	Civil Engineering	CE6811	Project work
47.	Civil Engineering	1701EN101	Technical English
48.	Civil Engineering	1701MA101	Engineering Mathematics -I
49.	Civil Engineering	1701PH101	Applied physics for Engineers
50.	Civil Engineering	1701CH103	Water Technology and Green Chemistry
51.	Civil Engineering	1701GE104	Fundamental of mechanical Engineering
52.	Civil Engineering	1701GEX04-	Engineering Mechanics
53.	Civil Engineering	1701HS151	Physics and Chemistry Laboratory I
54.	Civil Engineering	1701GEX53	Workshop Practice
55.	Civil Engineering	1701MA201	Engineering Mathematics II
56.	Civil Engineering	1701PH203	Materials Science
57.	Civil Engineering	1701CH201	Environmental Studies
58.	Civil Engineering	1701GEX01	Basic Electrical And Electronics Engineering
59.	Civil Engineering	1701GEX03	Programming In 'C'
60.	Civil Engineering	1701GEX02	Engineering Graphics
61.	Civil Engineering	1701HS251	Physics and Chemistry Lab II
62.	Civil Engineering	1701GEX51	Programming in C Lab
63.	Civil Engineering	1701GEX52	Communication Skill Lab
64.	ENVIRONMENTAL ENGINEERING	17EV101	Statistics For Environmental Engineers
65.	ENVIRONMENTAL ENGINEERING	17EV102	Environmental Chemistry
66.	ENVIRONMENTAL ENGINEERING	17EV103	Environmental Microbiology
67.	ENVIRONMENTAL ENGINEERING	17EV104	Transport of Water and Waste Water
68.	ENVIRONMENTAL ENGINEERING	17EV105	Principles and Design of Physico-Chemical Treatment Systems
69.	ENVIRONMENTAL ENGINEERING	17EV005	Environmental Policies and Legislation
70.	ENVIRONMENTAL ENGINEERING	17EV106	Environmental Chemistry Laboratory
71.	ENVIRONMENTAL ENGINEERING	17EV107	Environmental Microbiology Laboratory
72.	ENVIRONMENTAL ENGINEERING	17EV108	Communication Skills Lab I
73.	ENVIRONMENTAL ENGINEERING	17EV201	Principles and Design of Biological Treatment Systems
74.	ENVIRONMENTAL ENGINEERING	17EV202	Air Pollution Monitoring and Control

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75.	ENVIRONMENTAL ENGINEERING	17EV203	Industrial Waste Management
76.	ENVIRONMENTAL ENGINEERING	17EV204	Solid and Hazardous Waste Management
77.	ENVIRONMENTAL ENGINEERING	17EV205	Environmental Impact Assessment
78.	ENVIRONMENTAL ENGINEERING	17EV005	Environmental Policies and Legislation
79.	ENVIRONMENTAL ENGINEERING	17EV206	Unit Operations and Processes Laboratory
80.	ENVIRONMENTAL ENGINEERING	17EV207	Communication Skills Lab II
81.	ENVIRONMENTAL ENGINEERING	17EV208	Technical Seminar
82.	Computer Science and Engineering	1701CP101	Applied Probability and Statistics
83.	Computer Science and Engineering	1702CP102	Advanced Data Structures and Algorithms
84.	Computer Science and Engineering	1702CP103	Advanced Computer Architecture
85.	Computer Science and Engineering	1702CP104	Advanced Operating System
86.	Computer Science and Engineering	1702CP105	Design and Management of Computer Networks
87.	Computer Science and Engineering	1703CP003	Image Processing & Analysis
88.	Computer Science and Engineering	1704CP106	Advanced Data Structures Laboratory
89.	Computer Science and Engineering	1704CP107	Case Study – Operating Systems Design
90.	Computer Science and Engineering	1704CP108	Communication Skill Lab I
91.	Computer Science and Engineering	1701CP201	Software Process and Project Management
92.	Computer Science and Engineering	1702CP202	Security In Computing
93.	Computer Science and Engineering	1702CP203	Internet of Things
94.	Computer Science and Engineering	1702CP204	Advanced Databases
95.	Computer Science and Engineering	1702CP205	Machine Learning Techniques
96.	Computer Science and Engineering	1703CP016	Adhoc Mobile Wireless Networks
97.	Computer Science and Engineering	1704CP206	Advanced Database Laboratory

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98.	Computer Science and Engineering	1704CP207	Technical Seminar
99.	Computer Science and Engineering	1704CP208	Communication Skill Lab II
100.	Computer Science and Engineering	CP7301	Software Process and Project Management
101.	Computer Science and Engineering	CP7022	Software Design
102.	Computer Science and Engineering	CP7026	Software Quality Assurance
103.	Computer Science and Engineering	CP7028	Enterprise Application and Intraction
104.	Computer Science and Engineering	CP9234	Project Work- Phase I
105.	Computer Science and Engineering	CP9241	Project Work- Phase II
106.	Computer Science and Engineering	1701MA101	Engineering Mathematics-I
107.	Computer Science and Engineering	1701PH101	Applied Physics for Engineers
108.	Computer Science and Engineering	1701EN101	Technical English
109.	Computer Science and Engineering	1701CH101	Applied Chemistry in Informatics
110.	Computer Science and Engineering	1701GEX01	Basic Electrical and Electronics Engineering
111.	Computer Science and Engineering	1701GEX02	Engineering Graphics
112.	Computer Science and Engineering	1701GEX03	Programming in C
113.	Computer Science and Engineering	1701HS151	Physics and Chemistry Lab –I
114.	Computer Science and Engineering	1701GEX51	Programming in C Lab
115.	Computer Science and Engineering	1701MA201	Engineering Mathematics II
116.	Computer Science and Engineering	1701PH201	Physics of Engineering Materials
117.	Computer Science and Engineering	1701CH201	Environmental Studies
118.	Computer Science and Engineering	1701GE201	Basic Civil and Mechanical Engineering
119.	Computer Science and Engineering	1702CS201	Programming in C++
120.	Computer Science and Engineering	1701GEX52	Communication Skills Lab

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	Engineering		
121.	Computer Science and Engineering	1701GEX53	Workshop Practice
122.	Computer Science and Engineering	1701HS151	Physics and Chemistry Lab –I
123.	Computer Science and Engineering	1701GEX51	Programming in C Lab
124.	Computer Science and Engineering	1701HS251	Physics and Chemistry Lab II
125.	Computer Science and Engineering	1702CS251	Programming in C++ Lab
126.	Computer Science and Engineering	1901MA102	Engineering Mathematics –I (Calculus and Linear Algebra)
127.	Computer Science and Engineering	MA6351	Transforms and Partial Differential Equations
128.	Computer Science and Engineering	CS6301	Programming and Data Structure II
129.	Computer Science and Engineering	CS6302	Database Management Systems
130.	Computer Science and Engineering	CS6303	Computer Architecture
131.	Computer Science and Engineering	CS6304	Analog and Digital Communication
132.	Computer Science and Engineering	GE6351	Environmental Science and Engineering
133.	Computer Science and Engineering	CS6311	Programming and Data Structure Laboratory II
134.	Computer Science and Engineering	CS6312	Database Management Systems Laboratory
135.	Computer Science and Engineering	MA6453	Probability and Queueing Theory
136.	Computer Science and Engineering	CS6551	Computer Networks
137.	Computer Science and Engineering	CS6401	Operating Systems
138.	Computer Science and Engineering	CS6402	Design and Analysis of Algorithms
139.	Computer Science and Engineering	EC6504	Microprocessor and Microcontroller
140.	Computer Science and Engineering	CS6403	Software Engineering
141.	Computer Science and Engineering	CS6411	Networks Laboratory
142.	Computer Science and Engineering	CS6412	Microprocessor and Microcontroller Laboratory
143.	Computer Science and Engineering	CS6413	Operating Systems Laboratory

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	Engineering		
144.	Computer Science and Engineering	MA6566	Discrete Mathematics
145.	Computer Science and Engineering	CS6501	Internet Programming
146.	Computer Science and Engineering	CS6502	Object Oriented Analysis and Design
147.	Computer Science and Engineering	CS6503	Theory of Computation
148.	Computer Science and Engineering	CS6504	Computer Graphics
149.	Computer Science and Engineering	CS6511	Case Tools Laboratory
150.	Computer Science and Engineering	CS6512	Internet Programming Laboratory
151.	Computer Science and Engineering	CS6513	Computer Graphics Laboratory
152.	Computer Science and Engineering	CS6601	Distributed Systems
153.	Computer Science and Engineering	IT6601	Mobile Computing
154.	Computer Science and Engineering	CS6660	Compiler Design
155.	Computer Science and Engineering	IT6502	Digital Signal Processing
156.	Computer Science and Engineering	CS6659	Artificial Intelligence
157.	Computer Science and Engineering	IT6702	Datawarehousing & Data Mining E-1
158.	Computer Science and Engineering	CS6611	Mobile Application Development Laboratory
159.	Computer Science and Engineering	CS6612	Compiler Laboratory
160.	Computer Science and Engineering	GE6674	Communication and Soft Skills - Laboratory Based
161.	Computer Science and Engineering	CS6701	Cryptography and Network Security
162.	Computer Science and Engineering	CS6702	Graph Theory and Applications
163.	Computer Science and Engineering	CS6703	Grid and Cloud Computing
164.	Computer Science and Engineering	CS6704	Resource Management Techniques
165.	Computer Science and Engineering	IT6801	Service Oriented Architecture
166.	Computer Science and Engineering	EC6703	Embedded and Real Time Systems

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	Engineering		
167.	Computer Science and Engineering	CS6711	Security Laboratory
168.	Computer Science and Engineering	CS6712	Grid and Cloud Computing Laboratory
169.	Computer Science and Engineering	CS6801	Multi – Core Architectures and Programming
170.	Computer Science and Engineering	CS6010	Social Network Analysis
171.	Computer Science and Engineering	MG6088	Software Project Management
172.	Computer Science and Engineering	CS6811	Project Work
173.	Communication Systems	1701CO101	Applied Engineering Mathematics
174.	Communication Systems	1702CO102	Advanced Digital Signal Processing
175.	Communication Systems	1702CO103	High Speed Communication Networks
176.	Communication Systems	1702CO104	Advanced Digital Communication
177.	Communication Systems	1702CO105	Wireless Communication Engineering
178.	Communication Systems	1704CO106	Signals Processing and Communication Laboratory
179.	Communication Systems	1704CO107	Wireless Communication Networks Lab
180.	Communication Systems	1704CO108	Communication Skills Laboratory - I
181.	Communication Systems	1702CO001	Electromagnetic Interference and compatibility in system design
182.	Communication Systems	1702CO201	FPGA Based Communication System Design
183.	Communication Systems	1702CO202	Microwave Integrated Circuits
184.	Communication Systems	1702CO203	Optical Switching and Networking
185.	Communication Systems	1702CO204	Information Theory and Coding
186.	Communication Systems	1704CO205	RF System Design Laboratory
187.	Communication Systems	1704CO206	Technical Seminar
188.	Communication Systems	1704CO207	Communication Skills Laboratory -II
189.	Communication Systems	1703CO001	ADVANCED DIGITAL IMAGE PROCESSING
190.	Communication Systems	1703CO017	MOBILE AD HOC NETWORKS
191.	Communication Systems	EL7301	Digital Switching and Transmission
192.	Communication Systems	AP7301	Electromagnetic Interference and compatibility
193.	Communication Systems	CU7002	MEMS and NEMS
194.	Communication Systems	CU7101	Advanced Radiation Systems
195.	Communication Systems	DS7301	Speech and Audio Signal Processing
196.	Communication Systems	DS7003	Array Signal Processing
197.	Communication Systems	DS7002	Bio Signal Processing
198.	Communication Systems	EL7311	Project Work(Phase I)
199.	Communication Systems	EL7411	Project Work(Phase II)
200.	Electronics and Communication Engineering	1701EN101	Technical English
201.	Electronics and Communication Engineering	1701MA101	Engineering Mathematics – I

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202.	Electronics and Communication Engineering	1701PH101	Applied Physics for Engineers
203.	Electronics and Communication Engineering	1701CH104	Applied Chemistry
204.	Electronics and Communication Engineering	1701GE101	Basic Electrical and Instrumentation Engineering
205.	Electronics and Communication Engineering	1701GEX03	Programming in C
206.	Electronics and Communication Engineering	1701GEX02	Engineering Graphics
207.	Electronics and Communication Engineering	1701HS151	Physics and Chemistry Laboratory – I
208.	Electronics and Communication Engineering	1701GEX51	Programming in C Laboratory
209.	Electronics and Communication Engineering	1701LE201	Communicative English
210.	Electronics and Communication Engineering	1701MA201	Engineering Mathematics – II
211.	Electronics and Communication Engineering	1701PH202	Semiconductor Physics and Devices
212.	Electronics and Communication Engineering	1701CH201	Environmental Studies
213.	Electronics and Communication Engineering	1701GE201	Basic Civil and Mechanical Engineering
214.	Electronics and Communication Engineering	1701EC201	Circuit Theory
215.	Electronics and Communication Engineering	1701GEX53	Workshop Practice
216.	Electronics and Communication Engineering	1701HS251	Physics and Chemistry Laboratory – II
217.	Electronics and Communication Engineering	1701GEX52	Communication Skills Laboratory
218.	Electronics and Communication Engineering	MA6351	Transforms and Partial Differential Equations
219.	Electronics and Communication Engineering	EE6352	Electrical Engineering and Instrumentation
220.	Electronics and Communication Engineering	EC6301	Object Oriented Programming and Data Structures
221.	Electronics and Communication Engineering	EC6302	Digital Electronics
222.	Electronics and Communication Engineering	EC6303	Signals and Systems
223.	Electronics and Communication Engineering	EC6304	Electronic Circuits- I
224.	Electronics and Communication Engineering	EC6311	Analog and Digital Circuits Laboratory

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[Signature]
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225.	Electronics and Communication Engineering	EC6312	OOPS and Data Structures Laboratory
226.	Electronics and Communication Engineering	MA6451	Probability and Random Processes
227.	Electronics and Communication Engineering	EC6401	Electronic Circuits II
228.	Electronics and Communication Engineering	EC6402	Communication Theory
229.	Electronics and Communication Engineering	EC6403	Electromagnetic Fields
230.	Electronics and Communication Engineering	EC6404	Linear Integrated Circuits
231.	Electronics and Communication Engineering	EC6405	Control System Engineering
232.	Electronics and Communication Engineering	EC6411	Circuit and Simulation Integrated Laboratory
233.	Electronics and Communication Engineering	EC6412	Linear Integrated Circuit Laboratory
234.	Electronics and Communication Engineering	EE6461	Electrical Engineering and Control System Laboratory
235.	Electronics and Communication Engineering	EC6501	Digital Communication
236.	Electronics and Communication Engineering	EC6502	Principles of Digital Signal Processing
237.	Electronics and Communication Engineering	EC6503	Transmission Lines and Wave Guides
238.	Electronics and Communication Engineering	GE6351	Environmental Science and Engineering
239.	Electronics and Communication Engineering	EC6504	Microprocessor and Microcontroller
240.	Electronics and Communication Engineering	EC6511	Digital Signal Processing Laboratory
241.	Electronics and Communication Engineering	EC6512	Communication System Laboratory
242.	Electronics and Communication Engineering	EC6513	Microprocessor and Microcontroller Laboratory
243.	Electronics and Communication Engineering	MG6851	Principles of Management
244.	Electronics and Communication Engineering	CS6303	Computer Architecture
245.	Electronics and Communication Engineering	CS6551	Computer Networks
246.	Electronics and Communication Engineering	EC6601	VLSI Design
247.	Electronics and Communication Engineering	EC6602	Antenna and Wave propagation

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248.	Electronics and Communication Engineering	EC6001	Medical Electronics
249.	Electronics and Communication Engineering	EC6002	Advanced Digital Signal Processing
250.	Electronics and Communication Engineering	CS6401	Operating Systems
251.	Electronics and Communication Engineering	EC6003	Robotics and Automation
252.	Electronics and Communication Engineering	EC6611	Computer Networks Laboratory
253.	Electronics and Communication Engineering	EC6612	VLSI Design Laboratory
254.	Electronics and Communication Engineering	GE6674	Communication and Soft Skills - Laboratory Based
255.	Electronics and Communication Engineering	EC6701	RF and Microwave Engineering
256.	Electronics and Communication Engineering	EC6702	Optical Communication and Networks
257.	Electronics and Communication Engineering	EC6703	Embedded and Real Time Systems
258.	Electronics and Communication Engineering	EC6004	Satellite Communication
259.	Electronics and Communication Engineering	EC6005	Electronic Testing
260.	Electronics and Communication Engineering	EC6006	Avionics
261.	Electronics and Communication Engineering	CS6012	Soft Computing
262.	Electronics and Communication Engineering	IT6005	Digital Image Processing
263.	Electronics and Communication Engineering	EC6007	Speech Processing
264.	Electronics and Communication Engineering	EC6008	Web Technology
265.	Electronics and Communication Engineering	EC6009	Advanced Computer Architecture
266.	Electronics and Communication Engineering	EC 6010	Electronics Packaging
267.	Electronics and Communication Engineering	EC6011	Electro Magnetic Interference and Compatibility
268.	Electronics and Communication Engineering	EC6012	CMOS Analog IC Design
269.	Electronics and Communication Engineering	EC6013	Advanced Microprocessors and Microcontrollers
270.	Electronics and Communication Engineering	EC6014	Cognitive Radio

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271.	Electronics and Communication Engineering	EC6015	Radar and Navigational Aids
272.	Electronics and Communication Engineering	EC6016	Opto Electronic Devices
273.	Electronics and Communication Engineering	EC6711	Embedded Laboratory
274.	Electronics and Communication Engineering	EC6712	Optical and Microwave Laboratory
275.	Electronics and Communication Engineering	EC6801	Wireless Communication
276.	Electronics and Communication Engineering	EC6802	Wireless Networks
277.	Electronics and Communication Engineering	EC6017	RF System Design
278.	Electronics and Communication Engineering	CS6003	Ad hoc and Sensors Networks
279.	Electronics and Communication Engineering	GE6082	Indian Constitution and Society
280.	Electronics and Communication Engineering	EC6018	Multimedia Compression and Communication
281.	Electronics and Communication Engineering	GE6075	Professional Ethics in Engineering
282.	Electronics and Communication Engineering	EC6019	Data Converters
283.	Electronics and Communication Engineering	CS6701	Cryptography and Network Security
284.	Electronics and Communication Engineering	GE6757	Total Quality Management
285.	Electronics and Communication Engineering	MG6071	Entrepreneurship Development
286.	Electronics and Communication Engineering	MG6088	Software Project Management
287.	Electronics and Communication Engineering	EC6811	Project Work
288.	Power Electronics and Drives	1701PE101	Applied Mathematics for Electrical Engineers
289.	Power Electronics and Drives	1701PE102	Power Semiconductor Devices and Recent Advancements
290.	Power Electronics and Drives	1701PE103	Analysis of Power Converters
291.	Power Electronics and Drives	1701PE104	Analysis of Inverters
292.	Power Electronics and Drives	1701PE105	Modelling and Analysis of Electrical Machines
293.	Power Electronics and Drives	1704PE106	Power Electronic Circuits Laboratory
294.	Power Electronics and Drives	1704PE107	Power Electronics Simulation Laboratory
295.	Power Electronics and Drives	1704PE108	Communication Skills Lab I
296.	Power Electronics and Drives	1701PE201	Research Methodology
297.	Power Electronics and Drives	1701PE202	Solid State DC Drives

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298.	Power Electronics and Drives	1701PE203	Solid State AC Drives
299.	Power Electronics and Drives	1701PE204	Power Quality Issues and Solutions
300.	Power Electronics and Drives	1701PE205	Modelling and Design of SMPS
301.	Power Electronics and Drives	1701PE206	Electrical Drives Laboratory
302.	Power Electronics and Drives	1701PE207	Technical Seminar
303.	Power Electronics and Drives	1701PE208	Communication Skills Lab II
304.	Power Electronics and Drives	PX7301	Power Electronics for Renewable Energy Systems
305.	Power Electronics and Drives	PX7311	Project work (Phase I)
306.	Power Electronics and Drives	PX7411	Project work (Phase II)
307.	Electrical and Electronics Engineering	1701MA101	Engineering Mathematics-I
308.	Electrical and Electronics Engineering	1701PH101	Applied Physics for Engineers
309.	Electrical and Electronics Engineering	1701EN101	Technical English
310.	Electrical and Electronics Engineering	1701CH104	Applied Chemistry
311.	Electrical and Electronics Engineering	1701GE102	Basic Civil Engineering
312.	Electrical and Electronics Engineering	1701GE103	Basic Mechanical Engineering
313.	Electrical and Electronics Engineering	1701HS151	Physics and Chemistry Lab –I
314.	Electrical and Electronics Engineering	1701GEX52	Communication Skills Lab
315.	Electrical and Electronics Engineering	1701GEX53	Workshop Practice
316.	Electrical and Electronics Engineering	1701MA201	Engineering Mathematics-II
317.	Electrical and Electronics Engineering	1701PH202	Semiconductor Physics and Devices
318.	Electrical and Electronics Engineering	1701CH201	Environmental Studies
319.	Electrical and Electronics Engineering	1701GEX02	Engineering Graphics
320.	Electrical and Electronics Engineering	1701GEX03	Programming in C
321.	Electrical and Electronics Engineering	1702EE201	Electric Circuit Analysis
322.	Electrical and Electronics Engineering	1701GEX51	Programming in C Lab
323.	Electrical and Electronics Engineering	1701HS251	Physics and Chemistry Lab II
324.	Electrical and Electronics Engineering	1901MA103	Engineering Mathematics – I (Calculus and Differential Equations)

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325.	Electrical and Electronics Engineering	1901PH102	Wave, Optics and Electromagnetism
326.	Electrical and Electronics Engineering	1901GE101	Electric Circuit Analysis
327.	Electrical and Electronics Engineering	1901GEX02	Engineering Graphics
328.	Electrical and Electronics Engineering	1901GEX51	CAD Lab
329.	Electrical and Electronics Engineering	1901GEX52	Basic Electrical and Electronics Engineering Lab
330.	Electrical and Electronics Engineering	1701MA101	Engineering Mathematics-I
331.	Electrical and Electronics Engineering	1701PH101	Applied Physics for Engineers
332.	Electrical and Electronics Engineering	1701EN101	Technical English
333.	Electrical and Electronics Engineering	1701CH104	Applied Chemistry
334.	Electrical and Electronics Engineering	1701GE102	Basic Civil Engineering
335.	Electrical and Electronics Engineering	1701GE103	Basic Mechanical Engineering
336.	Electrical and Electronics Engineering	1701HS151	Physics and Chemistry Laboratory –I
337.	Electrical and Electronics Engineering	1701GEX52	Communication Skills Laboratory
338.	Electrical and Electronics Engineering	1701GEX53	Workshop Practice
339.	Electrical and Electronics Engineering	1701MA201	Engineering Mathematics-II
340.	Electrical and Electronics Engineering	1701PH202	Semiconductor Physics and Devices
341.	Electrical and Electronics Engineering	1701CH201	Environmental Studies
342.	Electrical and Electronics Engineering	1701GEX02	Engineering Graphics
343.	Electrical and Electronics Engineering	1701GEX03	Programming in C
344.	Electrical and Electronics Engineering	1702EE201	Electric Circuit Analysis
345.	Electrical and Electronics Engineering	1701LE201	Language Elective
346.	Electrical and Electronics Engineering	1701GEX51	Programming in C Laboratory
347.	Electrical and Electronics Engineering	1701HS251	Physics and Chemistry Laboratory -II

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348.	Electrical and Electronics Engineering	MA6351	Transforms and Partial Differential Equations
349.	Electrical and Electronics Engineering	EE6301	Digital Logic Circuits
350.	Electrical and Electronics Engineering	EE6302	Electromagnetic Theory
351.	Electrical and Electronics Engineering	GE6351	Environmental Science and Engineering
352.	Electrical and Electronics Engineering	EC6202	Electronic Devices and Circuits
353.	Electrical and Electronics Engineering	EE6303	Linear Integrated Circuits and Applications
354.	Electrical and Electronics Engineering	EC6361	Electronics Laboratory
355.	Electrical and Electronics Engineering	EE6311	Linear and Digital Integrated Circuits Laboratory
356.	Electrical and Electronics Engineering	MA6459	Numerical Methods
357.	Electrical and Electronics Engineering	EE6401	Electrical Machines – I
358.	Electrical and Electronics Engineering	CS6456	Object Oriented Programming
359.	Electrical and Electronics Engineering	EE6402	Transmission and Distribution
360.	Electrical and Electronics Engineering	EE6403	Discrete Time Systems and Signal Processing
361.	Electrical and Electronics Engineering	EE6404	Measurements and Instrumentation
362.	Electrical and Electronics Engineering	CS6461	Object Oriented Programming Laboratory
363.	Electrical and Electronics Engineering	EE6411	Electrical Machines Laboratory – I
364.	Electrical and Electronics Engineering	EE6501	Power System Analysis
365.	Electrical and Electronics Engineering	EE6502	Microprocessors and Microcontrollers
366.	Electrical and Electronics Engineering	ME6701	Power Plant Engineering
367.	Electrical and Electronics Engineering	EE6503	Power Electronics
368.	Electrical and Electronics Engineering	EE6504	Electrical Machines - II
369.	Electrical and Electronics Engineering	IC6501	Control Systems
370.	Electrical and Electronics Engineering	EE6511	Control and Instrumentation Laboratory

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371.	Electrical and Electronics Engineering	GE6674	Communication and Soft Skills- Laboratory Based
372.	Electrical and Electronics Engineering	EE6512	Electrical Machines Laboratory - II
373.	Electrical and Electronics Engineering	EC6651	Communication Engineering
374.	Electrical and Electronics Engineering	EE6601	Solid State Drives
375.	Electrical and Electronics Engineering	EE6602	Embedded Systems
376.	Electrical and Electronics Engineering	EE6603	Power System Operation and Control
377.	Electrical and Electronics Engineering	EE6604	Design of Electrical Machines
378.	Electrical and Electronics Engineering	EE6002	Power System Transients
379.	Electrical and Electronics Engineering	EE6611	Power Electronics and Drives Laboratory
380.	Electrical and Electronics Engineering	EE6612	Microprocessors and Microcontrollers Laboratory
381.	Electrical and Electronics Engineering	EE6613	Presentation Skills and Technical Seminar
382.	Electrical and Electronics Engineering	EE6701	High Voltage Engineering
383.	Electrical and Electronics Engineering	EE6702	Protection and Switchgear
384.	Electrical and Electronics Engineering	EE6703	Special Electrical Machines
385.	Electrical and Electronics Engineering	MG6851	Principles of Management
386.	Electrical and Electronics Engineering	EE6004	Flexible AC Transmission Systems
387.	Electrical and Electronics Engineering	EE6008	Microcontroller Based System Design
388.	Electrical and Electronics Engineering	EE6711	Power System Simulation Laboratory
389.	Electrical and Electronics Engineering	EE6712	Comprehension
390.	Electrical and Electronics Engineering	EE6801	Electric Energy Generation, Utilization and Conservation
391.	Electrical and Electronics Engineering	EE6009	Power Electronics for Renewable Energy Systems
392.	Electrical and Electronics Engineering	GE6075	Professional Ethics in Engineering
393.	Electrical and Electronics Engineering	EE6811	Project Work

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394.	Information Technology	1701MA101	Engineering Mathematics-I
395.	Information Technology	1701PH101	Applied Physics for Engineers
396.	Information Technology	1701EN101	Technical English
397.	Information Technology	1701CH101	Applied Chemistry in Informatics
398.	Information Technology	1701GEX01	Basic Electrical and Electronics Engineering
399.	Information Technology	1701GEX02	Engineering Graphics
400.	Information Technology	1701GEX03	Programming in C
401.	Information Technology	1701HS151	Physics and Chemistry Lab –I
402.	Information Technology	1701GEX51	Programming in C Lab
403.	Information Technology	1701GEX52	Communication Skills Lab
404.	Information Technology	1701MA201	Engineering Mathematics - II
405.	Information Technology	1701PH201	Physics of Engineering Materials
406.	Information Technology	1701CH201	Environmental Studies
407.	Information Technology	1701GE201	Basic Civil and Mechanical Engineering
408.	Information Technology	1702CS201	Programming in C++
409.	Information Technology	1701GEX53	Workshop Practice
410.	Information Technology	1701HS251	Physics and Chemistry Lab II
411.	Information Technology	1702CS251	Programming In C++ Lab
412.	Information Technology	MA6351	Transforms and Partial Differential Equations
413.	Information Technology	CS6301	Programming and Data Structures II
414.	Information Technology	CS6302	Database Management Systems
415.	Information Technology	CS6303	Computer Architecture
416.	Information Technology	CS6304	Analog and Digital Communications
417.	Information Technology	GE6351	Environmental Science and Engineering
418.	Information Technology	IT6311	Programming and Data Structures Laboratory II
419.	Information Technology	IT6312	Database Management Systems Laboratory
420.	Information Technology	IT6313	Digital Communications Lab
421.	Information Technology	MA6453	Probability and Queuing Theory
422.	Information Technology	EC6504	Microprocessor and Microcontroller
423.	Information Technology	CS6402	Design and Analysis of Algorithms
424.	Information Technology	CS6401	Operating Systems
425.	Information Technology	CS6403	Software Engineering
426.	Information Technology	IT6411	Microprocessor and Microcontroller Laboratory
427.	Information Technology	IT6412	Operating Systems Laboratory
428.	Information Technology	IT6413	Software Engineering Laboratory
429.	Information Technology	CS6551	Computer Networks
430.	Information Technology	IT6501	Graphics and Multimedia
431.	Information Technology	CS6502	Object Oriented Analysis and Design
432.	Information Technology	IT6503	Web Programming
433.	Information Technology	IT6502	Digital Signal Processing
434.	Information Technology	EC6801	Wireless Communication
435.	Information Technology	IT6511	Networks Laboratory
436.	Information Technology	IT6512	Web Programming Laboratory
437.	Information Technology	IT6513	Case Tools Laboratory
438.	Information Technology	CS6601	Distributed Systems

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439.	Information Technology	IT6601	Mobile Computing
440.	Information Technology	CS6659	Artificial Intelligence
441.	Information Technology	CS6660	Compiler Design
442.	Information Technology	IT6602	Software Architectures
443.	Information Technology	GE6757	Total Quality Management
444.	Information Technology	IT6611	Mobile Application Development Laboratory
445.	Information Technology	GE6674	Communication and Soft Skills Laboratory
446.	Information Technology	IT6612	Compiler Laboratory
447.	Information Technology	IT6701	Information Management
448.	Information Technology	CS6701	Cryptography and Network Security
449.	Information Technology	IT6702	Data Ware Housing and Data Mining
450.	Information Technology	CS6703	Grid and Cloud Computing
451.	Information Technology	IT6004	Software Testing
452.	Information Technology	IT6711	Data Mining Laboratory
453.	Information Technology	IT6712	Security Laboratory
454.	Information Technology	IT6713	Grid and Cloud Computing Laboratory
455.	Information Technology	IT6801	Service Oriented Architecture
456.	Information Technology	GE6075	Professional Ethics in Engineering
457.	Information Technology	CS6004	Cyber Forensics
458.	Information Technology	MG6088	Software Project Management
459.	Information Technology	IT6811	Project Work
460.	Master of Business Administration	1701BA101	Principles of Management
461.	Master of Business Administration	1701BA102	Statistics for Management
462.	Master of Business Administration	1701BA103	Economic Analysis for Business
463.	Master of Business Administration	1701BA104	Organizational Behaviour
464.	Master of Business Administration	1701BA105	Accounting for Management
465.	Master of Business Administration	1701BA106	Legal Aspects of Business
466.	Master of Business Administration	1704BA107	Managerial Communication
467.	Master of Business Administration	1701BA108	Software Skills Lab I
468.	Master of Business Administration	1704BA109	Life Sills I
469.	Master of Business Administration	1702BA201	Operations Management
470.	Master of Business Administration	1702BA202	Financial Management
471.	Master of Business Administration	1702BA203	Marketing Management

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472.	Master of Business Administration	1702BA204	Human Resource Management
473.	Master of Business Administration	1702BA205	Information Management
474.	Master of Business Administration	1702BA206	Applied Operations Research
475.	Master of Business Administration	1702BA207	Business Research Methods
476.	Master of Business Administration	1702BA208	Managerial Communication II
477.	Master of Business Administration	1702BA209	Software Skills Lab II
478.	Master of Business Administration	1704BAR10	Life Skills II
479.	Master of Business Administration	BA7301	Enterprise Resource Planning
480.	Master of Business Administration	BA7302	Strategic Management
481.	Master of Business Administration	BA7021	Security Analysis and Portfolio Management
482.	Master of Business Administration	BA7022	Merchant Banking and Financial Services
483.	Master of Business Administration	BA7024	Corporate Finance
484.	Master of Business Administration	BA7031	Managerial Behavior and Effectiveness
485.	Master of Business Administration	BA7033	Organizational Theory Design and Development
486.	Master of Business Administration	BA7034	Industrial Relations & Labour Welfare
487.	Master of Business Administration	BA7311	Professional Skill Development
488.	Master of Business Administration	BA7312	Summer Training
489.	Master of Business Administration	BA7401	International Business Management
490.	Master of Business Administration	BA7402	Business Ethics, CSR & Governance
491.	Master of Business Administration	BA7411	Creativity and Innovation
492.	Master of Business Administration	BA7412	Project Work
493.	Master of Computer Application	1701CA101	Mathematical Foundations of Computer Applications
494.	Master of Computer Application	1702CA102	Problem Solving and C Programming

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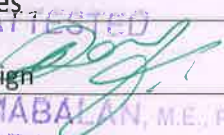
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495.	Master of Computer Application	1702CA103	Database Management Systems
496.	Master of Computer Application	1702CA104	Data Structures
497.	Master of Computer Application	1702CA105	Computer Organization and Design
498.	Master of Computer Application	1702CA106	Data structures and Programming Laboratory
499.	Master of Computer Application	1702CA107	Database Management Systems Laboratory
500.	Master of Computer Application	1704CA108	Life Skill I - Business English
501.	Master of Computer Application	1702CA201	Computer Communications and Networks
502.	Master of Computer Application	1702CA202	Operating System Concepts
503.	Master of Computer Application	1702CA203	Software Engineering Methodologies
504.	Master of Computer Application	1702CA204	Design and Analysis of Algorithms
505.	Master of Computer Application	1702CA205	Object Oriented Programming
506.	Master of Computer Application	1702CA206	OOP and Algorithms Laboratory
507.	Master of Computer Application	1702CA207	OS and Network Programming Laboratory
508.	Master of Computer Application	MC7301	Computer Networks
509.	Master of Computer Application	MC7302	Embedded Systems
510.	Master of Computer Application	MC7303	Software Engineering
511.	Master of Computer Application	MC7304	Professional Ethics
512.	Master of Computer Application	MC7305	Internet Programming
513.	Master of Computer Application	MC7311	Embedded Systems Laboratory
514.	Master of Computer Application	MC7312	Internet Programming Laboratory
515.	Master of Computer Application	MC7313	Visual Programming Laboratory
516.	Master of Computer Application	MC7401	Resource Management Techniques
517.	Master of Computer Application	MC7402	Object Oriented Analysis and Design

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518.	Master of Computer Application	MC7403	Data Warehousing and Data Mining
519.	Master of Computer Application	MC7404	Network Programming
520.	Master of Computer Application	MC7005	Security in computing(Elective I)
521.	Master of Computer Application	MC7411	Software Development- Case Tools Laboratory
522.	Master of Computer Application	MC7412	Network Programming Laboratory
523.	Master of Computer Application	MC7413	Technical Seminar and Report Writing
524.	Master of Computer Application	MC7501	Web Application Development
525.	Master of Computer Application	MC7502	Service Oriented Architecture
526.	Master of Computer Application	MC7503	Mobile computing
527.	Master of Computer Application	MC7009	Human Resource Management(Elective II)
528.	Master of Computer Application	MC7015	Software Project Managementt(Elective III)
529.	Master of Computer Application	MC7511	Advanced Internet Programming Laboratory
530.	Master of Computer Application	MC7512	XML and Web Services Laboratory
531.	Master of Computer Application	MC7513	Mini Project (Socially Relevant)
532.	Master of Computer Application	MC7611	Project Work
533.	MANUFACTURING ENGINEERING	1701MF101	Advanced Optimization Techniques
534.	MANUFACTURING ENGINEERING	1702MF102	Polymers and Composite Materials
535.	MANUFACTURING ENGINEERING	1702MF103	Materials Testing and Mechanical Characterization
536.	MANUFACTURING ENGINEERING	1702MF104	Industrial Automation and Mechatronics
537.	MANUFACTURING ENGINEERING	1702MF105	Robot Design and Programming
538.	MANUFACTURING ENGINEERING	1703MF003	Micro Electro Mechanical Systems and Nano Technology
539.	MANUFACTURING ENGINEERING	1704MF106	CAD/CAM Lab
540.	MANUFACTURING ENGINEERING	1704MF107	Industrial Automation and Mechatronics Lab

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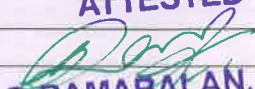
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541.	MANUFACTURING ENGINEERING	1704MF108	Communication Skills Lab I
542.	MANUFACTURING ENGINEERING	1701MF201	Advanced Machining Technology
543.	MANUFACTURING ENGINEERING	1702MF202	Flexible Tooling and Automated Inspection
544.	MANUFACTURING ENGINEERING	1702MF203	Theory of Metal Forming
545.	MANUFACTURING ENGINEERING	1702MF204	Advances in Casting and Welding
546.	MANUFACTURING ENGINEERING	1702MF205	Precision Machining
547.	MANUFACTURING ENGINEERING	1703MF002	Flexible Manufacturing Systems
548.	MANUFACTURING ENGINEERING	1704MF206	Metal Forming Lab
549.	MANUFACTURING ENGINEERING	1704MF207	Technical Seminar
550.	MANUFACTURING ENGINEERING	1704MF208	Communication Skills Lab II
551.	MANUFACTURING ENGINEERING	MN8005	Fluid Power Automation
552.	MANUFACTURING ENGINEERING	MN8073	Non Destructive Evaluation
553.	MANUFACTURING ENGINEERING	MN8010	Metal Cutting Theory And Practice
554.	MANUFACTURING ENGINEERING	MF7311	Project Work (Phase I)
555.	MANUFACTURING ENGINEERING	MF7411	Project Work (Phase II)
556.	Mechanical Engineering	1701MA101	Engineering Mathematics-I
557.	Mechanical Engineering	1701PH101	Applied Physics for Engineers
558.	Mechanical Engineering	1701EN101	Technical English
559.	Mechanical Engineering	1701CH102	Materials Chemistry
560.	Mechanical Engineering	1701GE104	Fundamentals of Mechanical Engineering
561.	Mechanical Engineering	1701GEX03	Programming in C
562.	Mechanical Engineering	1701GEX51	Programming in C Lab
563.	Mechanical Engineering	1701HS151	Physics and Chemistry Lab –I
564.	Mechanical Engineering	1701GEX53	Workshop Practice
565.	Mechanical Engineering	1701MA201	Engineering Mathematics II
566.	Mechanical Engineering	1701PH203	Materials Science
567.	Mechanical Engineering	1701CH201	Environmental Studies
568.	Mechanical Engineering	1701GEX01	Basic Electrical and Electronics Engineering
569.	Mechanical Engineering	1701GEX02	Engineering Graphics
570.	Mechanical Engineering	1701GEX04	Engineering Mechanics

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		English/Hindi	Language Elective
571.	Mechanical Engineering		
572.	Mechanical Engineering	1701GEX52	Communication Skills Lab
573.	Mechanical Engineering	1701HS251	Physics and Chemistry Lab II
574.	Mechanical Engineering	1901MA104	Engineering Mathematics –I (Linear Algebra, Calculus and Partial differentiation)
575.	Mechanical Engineering	1901PH101	Introduction to Mechanics
576.	Mechanical Engineering	1901GEX01	Basic Electrical and Electronics Engineering
577.	Mechanical Engineering	1901GEX02	Engineering Graphics
578.	Mechanical Engineering	1901GEX51	CAD Lab
579.	Mechanical Engineering	1901GEX53	Basic Electrical and Electronics Engineering Lab
580.	Mechanical Engineering	1901PHX51	Engineering Physics Lab
581.	Mechanical Engineering	1701MA101	Engineering Mathematics-I
582.	Mechanical Engineering	1701PH101	Applied Physics for Engineers
583.	Mechanical Engineering	1701EN101	Technical English
584.	Mechanical Engineering	1701CH102	Materials Chemistry
585.	Mechanical Engineering	1701GE104	Fundamentals of Mechanical Engineering
586.	Mechanical Engineering	1701GEX03	Programming in C
587.	Mechanical Engineering	1701HS151	Physics and Chemistry Lab –I
588.	Mechanical Engineering	1701GEX51	Programming in C Lab
589.	Mechanical Engineering	1701GEX53	Workshop Practice
590.	Mechanical Engineering	1701MA201	Engineering Mathematics II
591.	Mechanical Engineering	1701PH203	Materials Science
592.	Mechanical Engineering	1701CH201	Environmental Studies
593.	Mechanical Engineering	1701GEX01	Basic Electrical and Electronics Engineering
594.	Mechanical Engineering	1701GEX02	Engineering Graphics
595.	Mechanical Engineering	1701GEX04	Engineering Mechanics
596.	Mechanical Engineering	1701GEX52	Communication Skills Lab
597.	Mechanical Engineering	1701HS251	Physics and Chemistry Lab II
598.	Mechanical Engineering	MA6351	Transforms and Partial Differential Equations
599.	Mechanical Engineering	CE6306	Strength of Materials
600.	Mechanical Engineering	ME6301	Engineering Thermodynamics
601.	Mechanical Engineering	CE6451	Fluid Mechanics and Machinery
602.	Mechanical Engineering	ME6302	Manufacturing Technology - I
603.	Mechanical Engineering	EE6351	Electrical Drives and Controls
604.	Mechanical Engineering	ME6311	Manufacturing Technology Laboratory - I
605.	Mechanical Engineering	CE6461	Fluid Mechanics and Machinery Laboratory
606.	Mechanical Engineering	EE6365	Electrical Engineering Laboratory
607.	Mechanical Engineering	MA6452	Statistics and Numerical Methods
608.	Mechanical Engineering	ME6401	Kinematics of machines
609.	Mechanical Engineering	ME6402	Manufacturing Technology– II
610.	Mechanical Engineering	ME6403	Engineering Materials and Metallurgy
611.	Mechanical Engineering	GE6351	Environmental Science and Engineering
612.	Mechanical Engineering	ME6404	Thermal Engineering
613.	Mechanical Engineering	ME6411	Manufacturing Technology Laboratory–II
614.	Mechanical Engineering	ME6412	Thermal Engineering Laboratory –I

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615.	Mechanical Engineering	CE6315	Strength of Materials Laboratory
616.	Mechanical Engineering	ME6501	Computer Aided Design
617.	Mechanical Engineering	ME6502	Heat and Mass Transfer
618.	Mechanical Engineering	ME6503	Design of Machine Elements
619.	Mechanical Engineering	ME6504	Metrology and Measurements
620.	Mechanical Engineering	ME6505	Dynamics of Machines
621.	Mechanical Engineering	GE6075	Professional Ethics in Engineering
622.	Mechanical Engineering	ME6511	Dynamics Laboratory
623.	Mechanical Engineering	ME6512	Thermal Engineering Laboratory-II
624.	Mechanical Engineering	ME6513	Metrology and Measurements Laboratory
625.	Mechanical Engineering	ME6601	Design of Transmission Systems
626.	Mechanical Engineering	MG6851	Principles of Management
627.	Mechanical Engineering	ME6602	Automobile Engineering
628.	Mechanical Engineering	ME6603	Finite Element Analysis
629.	Mechanical Engineering	ME6604	Gas Dynamics and Jet Propulsion
630.	Mechanical Engineering	ME6004	Unconventional Machining Processes
631.	Mechanical Engineering	ME6611	C.A.D. / C.A.M. Laboratory
632.	Mechanical Engineering	ME6612	Design and Fabrication Project
633.	Mechanical Engineering	GE6674	Communication and Soft Skills-Laboratory Based
634.	Mechanical Engineering	ME6701	Power Plant Engineering
635.	Mechanical Engineering	ME6702	Mechatronics
636.	Mechanical Engineering	ME6703	Computer Integrated Manufacturing
637.	Mechanical Engineering	GE6757	Total Quality Management
638.	Mechanical Engineering	ME6005	Process Planning and Cost Estimation
639.	Mechanical Engineering	ME6010	Robotics
640.	Mechanical Engineering	ME6711	Simulation and Analysis Laboratory
641.	Mechanical Engineering	ME6712	Mechatronics Laboratory
642.	Mechanical Engineering	ME6713	Comprehension
643.	Mechanical Engineering	MG6863	Engineering Economics
644.	Mechanical Engineering	IE6605	Production Planning and Control
645.	Mechanical Engineering	ME6016	Advanced I.C. Engines
646.	Mechanical Engineering	ME6811	Project Work

ATTESTED

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