



# 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 2018–2019

Sl.No.	Program name	Course code	Course name
1.	ENVIRONMENTAL ENGINEERING	17EV101	Statistics For Environmental Engineers
2.	ENVIRONMENTAL ENGINEERING	17EV102	Environmental Chemistry
3.	ENVIRONMENTAL ENGINEERING	17EV103	Environmental Microbiology
4.	ENVIRONMENTAL ENGINEERING	17EV104	Transport of Water and Waste Water
5.	ENVIRONMENTAL ENGINEERING	17EV105	Principles and Design of Physico-Chemical Treatment Systems
6.	ENVIRONMENTAL ENGINEERING	17EV005	Environmental Policies and Legislation
7.	ENVIRONMENTAL ENGINEERING	17EV106	Environmental Chemistry Laboratory
8.	ENVIRONMENTAL ENGINEERING	17EV107	Environmental Microbiology Laboratory
9.	ENVIRONMENTAL ENGINEERING	17EV108	Communication Skills Lab I
10.	ENVIRONMENTAL ENGINEERING	17EV201	Principles and Design of Biological Treatment Systems
11.	ENVIRONMENTAL ENGINEERING	17EV202	Air Pollution Monitoring and Control
12.	ENVIRONMENTAL ENGINEERING	17EV203	Industrial Waste Management
13.	ENVIRONMENTAL ENGINEERING	17EV204	Solid and Hazardous Waste Management
14.	ENVIRONMENTAL ENGINEERING	17EV205	Environmental Impact Assessment
15.	ENVIRONMENTAL ENGINEERING	17EV005	Environmental Policies and Legislation
16.	ENVIRONMENTAL ENGINEERING	17EV206	Unit Operations and Processes Laboratory
17.	ENVIRONMENTAL ENGINEERING	17EV207	Communication Skills Lab II
18.	ENVIRONMENTAL ENGINEERING	17EV208	Technical Seminar
19.	ENVIRONMENTAL ENGINEERING	17EV008	Membrane Technologies for Water and Waste Water Treatment
20.	ENVIRONMENTAL ENGINEERING	17EV009	Remote Sensing and GIS Applications in Environmental Management
21.	ENVIRONMENTAL ENGINEERING	17EV301	Project Work (Phase I)
22.	ENVIRONMENTAL ENGINEERING	17EV401	Project Work (Phase II)
23.	Civil Engineering	1701MA301	Engineering Mathematics - III
24.	Civil Engineering	1702CE301	Engineering Surveying I
25.	Civil Engineering	1702CE302	Solid Mechanics I
26.	Civil Engineering	1702CE303	Fluid Mechanics
27.	Civil Engineering	1702CE304	Engineering Geology
28.	Civil Engineering	1702CE305	Building Materials And Management
29.	Civil Engineering	1702CE351	Surveying Lab I
30.	Civil Engineering	1702CE352	Strength of Materials Lab
31.	Civil Engineering	1704CE353	Technical Seminar - I
32.	Civil Engineering	1704GE351	Life Skills: Soft skills
33.	Civil Engineering	1701MA403	Numerical Methods And Statistics
34.	Civil Engineering	1702CE401	Engineering Surveying II
35.	Civil Engineering	1702CE402	Solid Mechanics II
36.	Civil Engineering	1702CE403	Applied Hydraulic Engineering
37.	Civil Engineering	1702CE404	Geotechnical Engineering I
38.	Civil Engineering	1702CE405	Transportation Engineering

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39.	Civil Engineering	1702CE451	Hydraulic Engineering Lab
40.	Civil Engineering	1702CE452	Geotechnical Engineering Lab
41.	Civil Engineering	1702CE453	Surveying Lab II
42.	Civil Engineering	1704CE454	Technical Seminar - II
43.	Civil Engineering	1704GE451	Life Skills: Verbal Ability
44.	Civil Engineering	CE6501	Structural Analysis I
45.	Civil Engineering	CE6502	Foundation Engineering
46.	Civil Engineering	CE6503	Environmental Engineering I
47.	Civil Engineering	CE6504	Highway Engineering
48.	Civil Engineering	CE6505	Design of Reinforced Concrete Elements
49.	Civil Engineering	CE6506	Construction Techniques, Equipment and Practice
50.	Civil Engineering	GE6674	Communication and Soft skills- Laboratory Based
51.	Civil Engineering	CE6511	Soil Mechanics Laboratory
52.	Civil Engineering	CE6512	Survey Camp*
53.	Civil Engineering	CE6601	Design of Reinforced Concrete & Brick Masonry Structures
54.	Civil Engineering	CE6602	Structural Analysis II
55.	Civil Engineering	CE6603	Design of Steel Structures
56.	Civil Engineering	CE6604	Railways, Airports and Harbour Engineering
57.	Civil Engineering	CE6605	Environmental Engineering II
58.	Civil Engineering	CE6611	Environmental Engineering Laboratory
59.	Civil Engineering	CE6612	Concrete and Highway Engineering Laboratory
60.	Civil Engineering	CE6002	Concrete Technology
61.	Civil Engineering	CE6611	Environmental Engineering Laboratory
62.	Civil Engineering	CE6612	Concrete and Highway Engineering Laboratory
63.	Civil Engineering	CE6701	Structural Dynamics and Earthquake Engineering
64.	Civil Engineering	CE6702	Prestressed Concrete Structures
65.	Civil Engineering	CE6703	Water Resources and Irrigation Engineering
66.	Civil Engineering	CE6704	Estimation and Quantity Surveying
67.	Civil Engineering	CE6006	Traffic Engineering and Management
68.	Civil Engineering	EN6501	Municipal Solid Waste Management
69.	Civil Engineering	MG6851	Principles of Management
70.	Civil Engineering	CE6016	Prefabricated Structures
71.	Civil Engineering	CE6021	Repair and Rehabilitation of Structures
72.	Civil Engineering	CE6811	Project work
73.	Civil Engineering	1701EN101	Technical English
74.	Civil Engineering	1701MA101	Engineering Mathematics -I
75.	Civil Engineering	1701PH101	Applied physics for Engineers
76.	Civil Engineering	1701CH103	Water Technology and Green Chemistry
77.	Civil Engineering	1701GE104	Fundamental of mechanical Engineering
78.	Civil Engineering	1701GEX04-	Engineering Mechanics
79.	Civil Engineering	1701HS151	Physics and Chemistry Laboratory

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80.	Civil Engineering	1701GEX53	Workshop Practice
81.	Civil Engineering	1701MA201	Engineering Mathematics II
82.	Civil Engineering	1701PH203	Materials Science
83.	Civil Engineering	1701CH201	Environmental Studies
84.	Civil Engineering	1701GEX01	Basic Electrical And Electronics Engineering
85.	Civil Engineering	1701GEX03	Programming In 'C'
86.	Civil Engineering	1701GEX02	Engineering Graphics
87.	Civil Engineering	1701HS251	Physics and Chemistry Lab II
88.	Civil Engineering	1701GEX51	Programming in C Lab
89.	Civil Engineering	1701GEX52	Communication Skill Lab
90.	Computer Science and Engineering	1701CP101	Applied Probability and Statistics
91.	Computer Science and Engineering	1702CP102	Advanced Data Structures and Algorithms
92.	Computer Science and Engineering	1702CP103	Advanced Computer Architecture
93.	Computer Science and Engineering	1702CP104	Advanced Operating System
94.	Computer Science and Engineering	1702CP105	Design and Management of Computer Networks
95.	Computer Science and Engineering	1703CP003	Image Processing & Analysis
96.	Computer Science and Engineering	1704CP106	Advanced Data Structures Laboratory
97.	Computer Science and Engineering	1704CP107	Case Study – Operating Systems Design
98.	Computer Science and Engineering	1704CP108	Communication Skill Lab I
99.	Computer Science and Engineering	1701CP201	Software Process and Project Management
100.	Computer Science and Engineering	1702CP202	Security In Computing
101.	Computer Science and Engineering	1702CP203	Internet of Things
102.	Computer Science and Engineering	1702CP204	Advanced Databases
103.	Computer Science and Engineering	1702CP205	Machine Learning Techniques
104.	Computer Science and Engineering	1703CP016	Adhoc Mobile Wireless Networks
105.	Computer Science and Engineering	1704CP206	Advanced Database Laboratory
106.	Computer Science and Engineering	1704CP207	Technical Seminar
107.	Computer Science and Engineering	1704CP208	Communication Skill Lab II
108.	Computer Science and Engineering	1703CP004	Elective III - Cloud Computing
109.	Computer Science and Engineering	1703CP010	Elective IV - Network And Information Security
110.	Computer Science and Engineering	1703CO036	Elective V - Network Engineering And Management
111.	Computer Science and Engineering	1704CP301	Project Work Phase-I
112.	Computer Science and Engineering	1704CP401	Project Work Phase-II
113.	Computer Science and Engineering	1701MA101	Engineering Mathematics-I
114.	Computer Science and Engineering	1701PH101	Applied Physics for Engineers
115.	Computer Science and Engineering	1701EN101	Technical English
116.	Computer Science and Engineering	1701CH101	Applied Chemistry in Informatics
117.	Computer Science and Engineering	1701GEX01	Basic Electrical and Electronics Engineering
118.	Computer Science and Engineering	1701GEX02	Engineering Graphics
119.	Computer Science and Engineering	1701GEX03	Programming in C
120.	Computer Science and Engineering	1701HS151	Physics and Chemistry Lab –I
121.	Computer Science and Engineering	1701GEX51	Programming in C Lab
122.	Computer Science and Engineering	1701MA201	Engineering Mathematics II
123.	Computer Science and Engineering	1701PH201	Physics of Engineering Materials

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124.	Computer Science and Engineering	1701CH201	Environmental Studies
125.	Computer Science and Engineering	1701GE201	Basic Civil and Mechanical Engineering
126.	Computer Science and Engineering	1702CS201	Programming in C++
127.	Computer Science and Engineering	1701GEX52	Communication Skills Lab
128.	Computer Science and Engineering	1701GEX53	Workshop Practice
129.	Computer Science and Engineering	1701HS151	Physics and Chemistry Lab –I
130.	Computer Science and Engineering	1701GEX51	Programming in C Lab
131.	Computer Science and Engineering	1701MA301	Engineering Mathematics III
132.	Computer Science and Engineering	1702CS301	Data Structures
133.	Computer Science and Engineering	1702CS302	Computer Organization and Architecture
134.	Computer Science and Engineering	1702CS303	Software Engineering
135.	Computer Science and Engineering	1702CS304	Digital Systems
136.	Computer Science and Engineering	1702CS305	Operating Systems
137.	Computer Science and Engineering	1702CS351	Data Structures Lab
138.	Computer Science and Engineering	1702CS352	Operating Systems Lab
139.	Computer Science and Engineering	1704GE351	Life Skills: Business English
140.	Computer Science and Engineering	1701MA401	Probability and Queuing Theory
141.	Computer Science and Engineering	1702CS401	Computer Networks
142.	Computer Science and Engineering	1702CS402	Programming Paradigms
143.	Computer Science and Engineering	1702CS403	Design & Analysis of Algorithms
144.	Computer Science and Engineering	1702CS404	Microprocessors and Microcontrollers
145.	Computer Science and Engineering	1702CSX02	Database Management Systems
146.	Computer Science and Engineering	1702CS451	Networks Lab
147.	Computer Science and Engineering	1702CSX52	Database Management Systems Lab
148.	Computer Science and Engineering	1704CS452	Technical Seminar II
149.	Computer Science and Engineering	1704GE451	Life Skills: Verbal Ability
150.	Computer Science and Engineering	MA6566	Discrete Mathematics
151.	Computer Science and Engineering	CS6501	Internet Programming
152.	Computer Science and Engineering	CS6502	Object Oriented Analysis and Design
153.	Computer Science and Engineering	CS6503	Theory of Computation
154.	Computer Science and Engineering	CS6504	Computer Graphics
155.	Computer Science and Engineering	CS6511	Case Tools Laboratory
156.	Computer Science and Engineering	CS6512	Internet Programming Laboratory
157.	Computer Science and Engineering	CS6513	Computer Graphics Laboratory
158.	Computer Science and Engineering	CS6601	Distributed Systems
159.	Computer Science and Engineering	IT6601	Mobile Computing
160.	Computer Science and Engineering	CS6660	Compiler Design
161.	Computer Science and Engineering	IT6502	Digital Signal Processing
162.	Computer Science and Engineering	CS6659	Artificial Intelligence
163.	Computer Science and Engineering	IT6702	Datawarehousing & Data Mining E-1
164.	Computer Science and Engineering	CS6611	Mobile Application Development Laboratory
165.	Computer Science and Engineering	CS6612	Compiler Laboratory
166.	Computer Science and Engineering	GE6674	Communication and Soft Skills - Laboratory Based

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167.	Computer Science and Engineering	CS6701	Cryptography and Network Security
168.	Computer Science and Engineering	CS6702	Graph Theory and Applications
169.	Computer Science and Engineering	CS6703	Grid and Cloud Computing
170.	Computer Science and Engineering	CS6704	Resource Management Techniques
171.	Computer Science and Engineering	IT6801	Service Oriented Architecture
172.	Computer Science and Engineering	EC6703	Embedded and Real Time Systems
173.	Computer Science and Engineering	CS6711	Security Laboratory
174.	Computer Science and Engineering	CS6712	Grid and Cloud Computing Laboratory
175.	Computer Science and Engineering	CS6801	Multi – Core Architectures and Programming
176.	Computer Science and Engineering	CS6010	Social Network Analysis
177.	Computer Science and Engineering	MG6088	Software Project Management
178.	Computer Science and Engineering	CS6811	Project Work
179.	Communication Systems	1701CO101	Applied Engineering Mathematics
180.	Communication Systems	1702CO102	Advanced Digital Signal Processing
181.	Communication Systems	1702CO103	High Speed Communication Networks
182.	Communication Systems	1702CO104	Advanced Digital Communication
183.	Communication Systems	1702CO105	Wireless Communication Engineering
184.	Communication Systems	1704CO106	Signals Processing and Communication Laboratory
185.	Communication Systems	1704CO107	Wireless Communication Networks Lab
186.	Communication Systems	1704CO108	Communication Skills Laboratory - I
187.	Communication Systems	1702CO001	Electromagnetic Interference and compatibility in system design
188.	Communication Systems	1702CO201	FPGA Based Communication System Design
189.	Communication Systems	1702CO202	Microwave Integrated Circuits
190.	Communication Systems	1702CO203	Optical Switching and Networking
191.	Communication Systems	1702CO204	Information Theory and Coding
192.	Communication Systems	1704CO205	RF System Design Laboratory
193.	Communication Systems	1704CO206	Technical Seminar
194.	Communication Systems	1704CO207	Communication Skills Laboratory -II
195.	Communication Systems	1703CO001	ADVANCED DIGITAL IMAGE PROCESSING
196.	Communication Systems	1703CO017	MOBILE AD HOC NETWORKS
197.	Communication Systems	1702CO301	Electromagnetic Interference and Compatibility in System Design
198.	Communication Systems	1703CO024	Elective IV - Machine Learning Algorithms
199.	Communication Systems	1703CP017	Elective V - Embedded Software Development
200.	Communication Systems	1704CO302	Project Work Phase-I
201.	Communication Systems	1703CO033	Wireless Sensor Networks
202.	Communication Systems	1703CO034	Optical Signal Processing
203.	Communication Systems	1703CO035	High Speed Switching Architecture
204.	Communication Systems	1703CO036	Network Engineering And Management
205.	Electronics and Communication Engineering	1701EN101	Technical English
206.	Electronics and Communication Engineering	1701MA101	Engineering Mathematics – I

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207.	Electronics and Communication Engineering	1701PH101	Applied Physics for Engineers
208.	Electronics and Communication Engineering	1701CH104	Applied Chemistry
209.	Electronics and Communication Engineering	1701GE101	Basic Electrical and Instrumentation Engineering
210.	Electronics and Communication Engineering	1701GEX03	Programming in C
211.	Electronics and Communication Engineering	1701GEX02	Engineering Graphics
212.	Electronics and Communication Engineering	1701HS151	Physics and Chemistry Laboratory – I
213.	Electronics and Communication Engineering	1701GEX51	Programming in C Laboratory
214.	Electronics and Communication Engineering	1701LE201	Communicative English
215.	Electronics and Communication Engineering	1701MA201	Engineering Mathematics – II
216.	Electronics and Communication Engineering	1701PH202	Semiconductor Physics and Devices
217.	Electronics and Communication Engineering	1701CH201	Environmental Studies
218.	Electronics and Communication Engineering	1701GE201	Basic Civil and Mechanical Engineering
219.	Electronics and Communication Engineering	1701EC201	Circuit Theory
220.	Electronics and Communication Engineering	1701GEX53	Workshop Practice
221.	Electronics and Communication Engineering	1701HS251	Physics and Chemistry Laboratory – II
222.	Electronics and Communication Engineering	1701GEX52	Communication Skills Laboratory
223.	Electronics and Communication Engineering	1702EC301	Network Analysis and Synthesis
224.	Electronics and Communication Engineering	1702EC302	Engineering Electromagnetics
225.	Electronics and Communication Engineering	1702EC303	Digital Circuits and Systems
226.	Electronics and Communication Engineering	1702EC304	Electronics Circuits
227.	Electronics and Communication Engineering	1702EC351	Digital Electronics Laboratory
228.	Electronics and Communication Engineering	1702EC352	Electronic Circuits Laboratory
229.	Electronics and Communication Engineering	1702CS353	Data Structures Laboratory

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230.	Electronics and Communication Engineering	1704GE351	Life Skills: Soft Skills
231.	Electronics and Communication Engineering	1704EC046	Introduction to HDL
232.	Electronics and Communication Engineering	1701MA402	Probability and Random Processes
233.	Electronics and Communication Engineering	1702EC401	Signals and Systems
234.	Electronics and Communication Engineering	1702EC402	Analog Integrated Circuits
235.	Electronics and Communication Engineering	1702EC403	Microprocessors and Microcontrollers
236.	Electronics and Communication Engineering	1702EC404	Transmission Lines and Waveguides
237.	Electronics and Communication Engineering	1702EC405	Control Systems
238.	Electronics and Communication Engineering	1701CH201	Environmental Studies*
239.	Electronics and Communication Engineering	1702EC451	Analog Integrated Circuits Laboratory
240.	Electronics and Communication Engineering	1702EC452	Microprocessors and Microcontrollers Laboratory
241.	Electronics and Communication Engineering	1704GE451	Life Skills: Verbal Ability
242.	Electronics and Communication Engineering	1704EC050	Application of Neural Network and Fuzzy Logic
243.	Electronics and Communication Engineering	EC6501	Digital Communication
244.	Electronics and Communication Engineering	EC6502	Principles of Digital Signal Processing
245.	Electronics and Communication Engineering	EC6503	Transmission Lines and Wave Guides
246.	Electronics and Communication Engineering	GE6351	Environmental Science and Engineering
247.	Electronics and Communication Engineering	EC6504	Microprocessor and Microcontroller
248.	Electronics and Communication Engineering	EC6511	Digital Signal Processing Laboratory
249.	Electronics and Communication Engineering	EC6512	Communication System Laboratory
250.	Electronics and Communication Engineering	EC6513	Microprocessor and Microcontroller Laboratory
251.	Electronics and Communication Engineering	MG6851	Principles of Management
252.	Electronics and Communication Engineering	CS6303	Computer Architecture

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253.	Electronics and Communication Engineering	CS6551	Computer Networks
254.	Electronics and Communication Engineering	EC6601	VLSI Design
255.	Electronics and Communication Engineering	EC6602	Antenna and Wave propagation
256.	Electronics and Communication Engineering	EC6001	Medical Electronics
257.	Electronics and Communication Engineering	EC6002	Advanced Digital Signal Processing
258.	Electronics and Communication Engineering	CS6401	Operating Systems
259.	Electronics and Communication Engineering	EC6003	Robotics and Automation
260.	Electronics and Communication Engineering	EC6611	Computer Networks Laboratory
261.	Electronics and Communication Engineering	EC6612	VLSI Design Laboratory
262.	Electronics and Communication Engineering	GE6674	Communication and Soft Skills - Laboratory Based
263.	Electronics and Communication Engineering	EC6701	RF and Microwave Engineering
264.	Electronics and Communication Engineering	EC6702	Optical Communication and Networks
265.	Electronics and Communication Engineering	EC6703	Embedded and Real Time Systems
266.	Electronics and Communication Engineering	EC6004	Satellite Communication
267.	Electronics and Communication Engineering	EC6005	Electronic Testing
268.	Electronics and Communication Engineering	EC6006	Avionics
269.	Electronics and Communication Engineering	CS6012	Soft Computing
270.	Electronics and Communication Engineering	IT6005	Digital Image Processing
271.	Electronics and Communication Engineering	EC6007	Speech Processing
272.	Electronics and Communication Engineering	EC6008	Web Technology
273.	Electronics and Communication Engineering	EC6009	Advanced Computer Architecture
274.	Electronics and Communication Engineering	EC 6010	Electronics Packaging
275.	Electronics and Communication Engineering	EC6011	Electro Magnetic Interference and Compatibility

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276.	Electronics and Communication Engineering	EC6012	CMOS Analog IC Design
277.	Electronics and Communication Engineering	EC6013	Advanced Microprocessors and Microcontrollers
278.	Electronics and Communication Engineering	EC6014	Cognitive Radio
279.	Electronics and Communication Engineering	EC6015	Radar and Navigational Aids
280.	Electronics and Communication Engineering	EC6016	Opto Electronic Devices
281.	Electronics and Communication Engineering	EC6711	Embedded Laboratory
282.	Electronics and Communication Engineering	EC6712	Optical and Microwave Laboratory
283.	Electronics and Communication Engineering	EC6801	Wireless Communication
284.	Electronics and Communication Engineering	EC6802	Wireless Networks
285.	Electronics and Communication Engineering	EC6017	RF System Design
286.	Electronics and Communication Engineering	CS6003	Ad hoc and Sensors Networks
287.	Electronics and Communication Engineering	GE6082	Indian Constitution and Society
288.	Electronics and Communication Engineering	EC6018	Multimedia Compression and Communication
289.	Electronics and Communication Engineering	GE6075	Professional Ethics in Engineering
290.	Electronics and Communication Engineering	EC6019	Data Converters
291.	Electronics and Communication Engineering	CS6701	Cryptography and Network Security
292.	Electronics and Communication Engineering	GE6757	Total Quality Management
293.	Electronics and Communication Engineering	MG6071	Entrepreneurship Development
294.	Electronics and Communication Engineering	MG6088	Software Project Management
295.	Electronics and Communication Engineering	EC6811	Project Work
296.	Power Electronics and Drives	1701PE101	Applied Mathematics for Electrical Engineers
297.	Power Electronics and Drives	1701PE102	Power Semiconductor Devices and Recent Advancements
298.	Power Electronics and Drives	1701PE103	Analysis of Power Converters
299.	Power Electronics and Drives	1701PE104	Analysis of Inverters

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300.	Power Electronics and Drives	1701PE105	Modelling and Analysis of Electrical Machines
301.	Power Electronics and Drives	1704PE106	Power Electronic Circuits Laboratory
302.	Power Electronics and Drives	1704PE107	Power Electronics Simulation Laboratory
303.	Power Electronics and	1704PE108	Communication Skills Lab I
304.	Power Electronics and Drives	1701PE201	Research Methodology
305.	Power Electronics and Drives	1701PE202	Solid State DC Drives
306.	Power Electronics and Drives	1701PE203	Solid State AC Drives
307.	Power Electronics and Drives	1701PE204	Power Quality Issues and Solutions
308.	Power Electronics and Drives	1701PE205	Modelling and Design of SMPS
309.	Power Electronics and Drives	1701PE206	Electrical Drives Laboratory
310.	Power Electronics and Drives	1701PE207	Technical Seminar
311.	Power Electronics and Drives	1703PE018	Elective III- Optimization Techniques
312.	Power Electronics and Drives	1703PE001	Elective IV - Recent trends in power conversion Technology
313.	Power Electronics and Drives	1703EV020	Elective V-Environmental Engineering and Pollution Control
314.	Power Electronics and Drives	1704PE301	Project Work Phase-I
315.	Power Electronics and Drives	1704PE401	Project Work Phase-II
316.	Electrical and Electronics Engineering	1701MA101	Engineering Mathematics-I
317.	Electrical and Electronics Engineering	1701PH101	Applied Physics for Engineers
318.	Electrical and Electronics Engineering	1701EN101	Technical English
319.	Electrical and Electronics Engineering	1701CH104	Applied Chemistry
320.	Electrical and Electronics Engineering	1701GE102	Basic Civil Engineering
321.	Electrical and Electronics Engineering	1701GE103	Basic Mechanical Engineering
322.	Electrical and Electronics Engineering	1701HS151	Physics and Chemistry Laboratory –I
323.	Electrical and Electronics Engineering	1701GEX52	Communication Skills Laboratory
324.	Electrical and Electronics Engineering	1701GEX53	Workshop Practice
325.	Electrical and Electronics Engineering	1701MA201	Engineering Mathematics-II
326.	Electrical and Electronics Engineering	1701PH202	Semiconductor Physics and Devices
327.	Electrical and Electronics Engineering	1701CH201	Environmental Studies
328.	Electrical and Electronics Engineering	1701GEX02	Engineering Graphics
329.	Electrical and Electronics	1701GEX03	Programming in C

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NAGAPATTINAM – 611 002. TAMILNADU, INDIA

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

	Engineering		
330.	Electrical and Electronics Engineering	1702EE201	Electric Circuit Analysis
331.	Electrical and Electronics Engineering	1701LE201	Language Elective
332.	Electrical and Electronics Engineering	1701GEX51	Programming in C Laboratory
333.	Electrical and Electronics Engineering	1701HS251	Physics and Chemistry Laboratory -II
334.	Electrical and Electronics Engineering	1701MA301	Engineering Mathematics-III
335.	Electrical and Electronics Engineering	1702EE301	Electron Devices and Circuits
336.	Electrical and Electronics Engineering	1702EE302	Digital Electronics
337.	Electrical and Electronics Engineering	1702EE303	Electromagnetic Theory
338.	Electrical and Electronics Engineering	1702EE304	Power Plant Engineering
339.	Electrical and Electronics Engineering	1702EE305	Electrical Machinery-I
340.	Electrical and Electronics Engineering	1702EE351	Electrical Machinery Laboratory-I
341.	Electrical and Electronics Engineering	1702EE352	Electron Devices and Circuits Laboratory
342.	Electrical and Electronics Engineering	1704EE353	Technical Seminar I
343.	Electrical and Electronics Engineering	1704GE351	Life Skills: Soft Skills
344.	Electrical and Electronics Engineering	1701MA403	Numerical Methods and Statistics
345.	Electrical and Electronics Engineering	1702EE401	Measurements and Instrumentation
346.	Electrical and Electronics Engineering	1702EE402	Linear Integrated Circuits
347.	Electrical and Electronics Engineering	1702EE403	Transmission and Distribution
348.	Electrical and Electronics Engineering	1702EE404	Electrical Machinery-II
349.	Electrical and Electronics Engineering	1702EC406	Communication Engineering
350.	Electrical and Electronics Engineering	1702EE451	Electrical Machinery Laboratory-II
351.	Electrical and Electronics Engineering	1702EE452	Analog And Digital Integrated Circuits Laboratory
352.	Electrical and Electronics	1704EE453	Technical Seminar II

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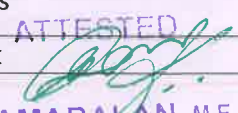
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	Engineering		
353.	Electrical and Electronics Engineering	1704GE451	Life Skills: Verbal Ability
354.	Electrical and Electronics Engineering	EE6501	Power System Analysis
355.	Electrical and Electronics Engineering	EE6502	Microprocessors and Microcontrollers
356.	Electrical and Electronics Engineering	ME6701	Power Plant Engineering
357.	Electrical and Electronics Engineering	EE6503	Power Electronics
358.	Electrical and Electronics Engineering	EE6504	Electrical Machines – II
359.	Electrical and Electronics Engineering	IC6501	Control Systems
360.	Electrical and Electronics Engineering	EE6511	Control and Instrumentation Laboratory
361.	Electrical and Electronics Engineering	GE6674	Communication and Soft Skills- Laboratory Based
362.	Electrical and Electronics Engineering	EE6512	Electrical Machines Laboratory - II
363.	Electrical and Electronics Engineering	EC6651	Communication Engineering
364.	Electrical and Electronics Engineering	EE6601	Solid State Drives
365.	Electrical and Electronics Engineering	EE6602	Embedded Systems
366.	Electrical and Electronics Engineering	EE6603	Power System Operation and Control
367.	Electrical and Electronics Engineering	EE6604	Design of Electrical Machines
368.	Electrical and Electronics Engineering	EE6002	Power System Transients
369.	Electrical and Electronics Engineering	EE6611	Power Electronics and Drives Laboratory
370.	Electrical and Electronics Engineering	EE6612	Microprocessors and Microcontrollers Laboratory
371.	Electrical and Electronics Engineering	EE6613	Presentation Skills and Technical Seminar
372.	Electrical and Electronics Engineering	EE6701	High Voltage Engineering
373.	Electrical and Electronics Engineering	EE6702	Protection and Switchgear
374.	Electrical and Electronics Engineering	EE6703	Special Electrical Machines
375.	Electrical and Electronics	MG6851	Principles of Management

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	Engineering		
376.	Electrical and Electronics Engineering	EE6004	Flexible AC Transmission Systems
377.	Electrical and Electronics Engineering	EE6008	Microcontroller Based System Design
378.	Electrical and Electronics Engineering	EE6711	Power System Simulation Laboratory
379.	Electrical and Electronics Engineering	EE6712	Comprehension
380.	Electrical and Electronics Engineering	EE6801	Electric Energy Generation, Utilization and Conservation
381.	Electrical and Electronics Engineering	EE6009	Power Electronics for Renewable Energy Systems
382.	Electrical and Electronics Engineering	GE6075	Professional Ethics in Engineering
383.	Electrical and Electronics Engineering	EE6811	Project Work
384.	Information Technology	1701MA301	Engineering Mathematics III
385.	Information Technology	1702IT301	Data Structures and Algorithms
386.	Information Technology	1702CS302	Computer Organization and Architecture
387.	Information Technology	1702IT302	Digital Principles and Design
388.	Information Technology	1702IT303	Principles of Communication
389.	Information Technology	1702CSX02	Database Management Systems
390.	Information Technology	1702CSX52	Database Management Systems Lab
391.	Information Technology	1704GE351	Life Skills: Soft Skills
392.	Information Technology	1701MA401	Probability And Queuing Theory
393.	Information Technology	1702IT404	Operating Systems
394.	Information Technology	1702CS401	Computer Networks
395.	Information Technology	1702IT401	Software Engineering And Project Management
396.	Information Technology	1702IT402	Java Programming
397.	Information Technology	1702IT403	Internet of Things
398.	Information Technology	1702CS451	Networks Lab
399.	Information Technology	1704GE451	Life Skills: Verbal Ability
400.	Information Technology	CS6551	Computer Networks
401.	Information Technology	IT6501	Graphics and Multimedia
402.	Information Technology	CS6502	Object Oriented Analysis and Design
403.	Information Technology	IT6503	Web Programming
404.	Information Technology	IT6502	Digital Signal Processing
405.	Information Technology	EC6801	Wireless Communication
406.	Information Technology	IT6511	Networks Laboratory
407.	Information Technology	IT6512	Web Programming Laboratory
408.	Information Technology	IT6513	Case Tools Laboratory
409.	Information Technology	CS6601	Distributed Systems
410.	Information Technology	IT6601	Mobile Computing
411.	Information Technology	CS6659	Artificial Intelligence

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412.	Information Technology	CS6660	Compiler Design
413.	Information Technology	IT6602	Software Architectures
414.	Information Technology	GE6757	Total Quality Management (Elective - I)
415.	Information Technology	IT6611	Mobile Application Development Laboratory
416.	Information Technology	IT6612	Compiler Laboratory
417.	Information Technology	GE6674	Communication and Soft Skills Laboratory
418.	Information Technology	IT6701	Information Management
419.	Information Technology	CS6701	Cryptography and Network Security
420.	Information Technology	IT6702	Data Ware Housing and Data Mining
421.	Information Technology	CS6703	Grid and Cloud Computing
422.	Information Technology	IT6004	Software Testing (Elective)
423.	Information Technology	IT6711	Data Mining Laboratory
424.	Information Technology	IT6712	Security Laboratory
425.	Information Technology	IT6713	Grid and Cloud Computing Laboratory
426.	Information Technology	IT6801	Service Oriented Architecture
427.	Information Technology	GE6075	Professional Ethics in Engineering (Elective – III)
428.	Information Technology	CS6004	Cyber Forensics (Elective – IV)
429.	Information Technology	MG6088	Software Project Management(Elective – V)
430.	Information Technology	IT6811	Project Work
431.	Information Technology	1901MA102	Engineering Mathematics –I (Calculus and Linear Algebra)
432.	Information Technology	1901CH104	Applied Chemistry in Informatics
433.	Information Technology	1901GEX03	Programming for Problem Solving
434.	Information Technology	1901ENX01	English for Engineers
435.	Information Technology	1901GEX52	Computer Programming Lab
436.	Information Technology	1901GE151	Engineering Intelligence - I
437.	Information Technology	1901CHX51	Engineering Chemistry Lab
438.	Information Technology	1901HSX51	Communication Skill Lab
439.	Information Technology	1901MA202	Engineering Mathematics –II (Probability and Statistics)
440.	Information Technology	1901PH201	Physics for Information Science
441.	Information Technology	1901GEX01	Basic Electrical and Electronics Engineering
442.	Information Technology	1901GEX02	Engineering Graphics
443.	Information Technology	1901GE201	Engineering Exploration
444.	Information Technology	1901GE254	Computer Hardware and IT Essentials Lab
445.	Information Technology	1901GE252	Engineering Intelligence - II
446.	Information Technology	1901GEX51	CAD Lab
447.	Information Technology	1901GEX53	Basic Electrical and Electronics Engineering Lab
448.	Information Technology	1901PHX51	Engineering Physics Lab
449.	Master of Business Administration	1701BA101	Principles of Management
450.	Master of Business Administration	1701BA102	Statistics for Management
451.	Master of Business Administration	1701BA103	Economic Analysis for Business
452.	Master of Business Administration	1701BA104	Organizational Behaviour
453.	Master of Business Administration	1701BA105	Accounting for Management
454.	Master of Business Administration	1701BA106	Legal Aspects of Business

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455.	Master of Business Administration	1704BA107	Managerial Communication
456.	Master of Business Administration	1701BA108	Software Skills Lab I
457.	Master of Business Administration	1704BA109	Life Sills I
458.	Master of Business Administration	1702BA201	Operations Management
459.	Master of Business Administration	1702BA202	Financial Management
460.	Master of Business Administration	1702BA203	Marketing Management
461.	Master of Business Administration	1702BA204	Human Resource Management
462.	Master of Business Administration	1702BA205	Information Management
463.	Master of Business Administration	1702BA206	Applied Operations Research
464.	Master of Business Administration	1702BA207	Business Research Methods
465.	Master of Business Administration	1704BA208	Managerial Communicartion II
466.	Master of Business Administration	1702BA209	Software Skills Lab II
467.	Master of Business Administration	1704BA109	Life Sills II
468.	Master of Business Administration	1702BA301	International Business Management
469.	Master of Business Administration	1702BA302	Strategic Management
470.	Master of Business Administration	1703BA007	Security Analysis and Portfolio Management
471.	Master of Business Administration	1703BA008	Merchant Banking and Financial Services
472.	Master of Business Administration	1703BA010	Corporate Finance
473.	Master of Business Administration	1703BA013	Managerial Behavior and Effectiveness
474.	Master of Business Administration	1703BA016	Industrial Relations & Labour Welfare
475.	Master of Business Administration	1704BA303	Summer Training
476.	Master of Business Administration	1703BA009	International Trade Finance
477.	Master of Business Administration	1703BA014	Entrepreneurship Development
478.	Master of Business Administration	1703BA015	Organisational Theory, Design and Development
479.	Master of Business Administration	1704BA401	Project Work
480.	Master of Computer Application	1701CA101	MathematicalFoundations ofComputerApplications
481.	Master of Computer Application	1702CA102	Problem Solving and C Programming
482.	Master of Computer Application	1702CA103	Database ManagementSystems
483.	Master of Computer Application	1702CA104	Data Structures
484.	Master of Computer Application	1702CA105	Computer Organization and Design
485.	Master of Computer Application	1702CA106	Data structures and Programming Laboratory
486.	Master of Computer Application	1702CA107	Database ManagementSystems Laboratory
487.	Master of Computer Application	1704CA108	Life Skill I - Business English
488.	Master of Computer Application	1702CA201	Computer Communications and Networks
489.	Master of Computer Application	1702CA202	Operating SystemConcepts
490.	Master of Computer Application	1702CA203	Software EngineeringMethodologies
491.	Master of Computer Application	1702CA204	Design and Analysis ofAlgorithms
492.	Master of Computer Application	1702CA205	Object OrientedProgramming
493.	Master of Computer Application	1702CA206	OOP and AlgorithmsLaboratory
494.	Master of Computer Application	1702CA207	OS and NetworkProgramming Laboratory
495.	Master of Computer Application	1701CA301	Resource Management Techniques
496.	Master of Computer Application	1702CA302	Data MiningTechniques
497.	Master of Computer Application	1702CA303	Object OrientedAnalysis and Design
498.	Master of Computer Application	1702CA304	Web Programming

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499.	Master of Computer Application	1703CA001	Service Oriented Architecture(Elective I)
500.	Master of Computer Application	1702CA305	Web ProgrammingLaboratory
501.	Master of Computer Application	1702CA306	CASE Tools Laboratory
502.	Master of Computer Application	1704CA307	Technical Seminar andReport Writing
503.	Master of Computer Application	1704CA308	Life Skill III-Aptitude I
504.	Master of Computer Application	1702CA401	Advanced JavaProgramming
505.	Master of Computer Application	1702CA402	Cryptography and Network Security
506.	Master of Computer Application	1702CA403	Mobile Computing
507.	Master of Computer Application	1703CA011	Internet of Things (Elective III)
508.	Master of Computer Application	1703CA016	Big Data Analytics (Elective III)
509.	Master of Computer Application	1702CA404	Advanced Java Programming Laboratory
510.	Master of Computer Application	1702CA405	Mobile ApplicationDevelopmentLaboratory
511.	Master of Computer Application	1704CA406	Soft Skills DevelopmentLaboratory
512.	Master of Computer Application	MC7501	Web Application Development
513.	Master of Computer Application	MC7502	Service Oriented Architecture
514.	Master of Computer Application	MC7503	Mobile computing
515.	Master of Computer Application	MC7009	Human Resource Managementt(Elective II)
516.	Master of Computer Application	MC7015	Software Project Managementt(Elective III)
517.	Master of Computer Application	MC7511	Advanced Internet Programming Laboratory
518.	Master of Computer Application	MC7512	XML and Web Services Laboratory
519.	Master of Computer Application	MC7513	Mini Project (Socially Relevant)
520.	Master of Computer Application	MC7611	Project Work
521.	MANUFACTURING ENGINEERING	1701MF101	Advanced Optimization Techniques
522.	MANUFACTURING ENGINEERING	1702MF102	Polymers and Composite Materials
523.	MANUFACTURING ENGINEERING	1702MF103	Materials Testing and Mechanical Characterization
524.	MANUFACTURING ENGINEERING	1702MF104	Industrial Automation and Mechatronics
525.	MANUFACTURING ENGINEERING	1702MF105	Robot Design and Programming
526.	MANUFACTURING ENGINEERING	1703MF003	Micro Electro Mechanical Systems and Nano Technology
527.	MANUFACTURING ENGINEERING	1704MF106	CAD/CAM Lab
528.	MANUFACTURING ENGINEERING	1704MF107	Automation and Mechatronics Lab
529.	MANUFACTURING ENGINEERING	1704MF108	Communication Skills Lab I
530.	MANUFACTURING ENGINEERING	1701MF201	Advanced Machining Technology
531.	MANUFACTURING ENGINEERING	1702MF202	Flexible Tooling and Automated Inspection
532.	MANUFACTURING ENGINEERING	1702MF203	Theory of Metal Forming
533.	MANUFACTURING ENGINEERING	1702MF204	Advances in Casting and Welding
534.	MANUFACTURING ENGINEERING	1702MF205	Precision Machining
535.	MANUFACTURING ENGINEERING	1703MF002	Flexible Manufacturing Systems
536.	MANUFACTURING ENGINEERING	1704MF206	Metal Forming Lab
537.	MANUFACTURING ENGINEERING	1704MF207	Technical Seminar
538.	MANUFACTURING ENGINEERING	1704MF208	Communication Skills Lab II
539.	MANUFACTURING ENGINEERING	1703MF011	Elective III - Rapid Prototyping
540.	MANUFACTURING ENGINEERING	1703MF016	Elective IV - Heat Treatment
541.	MANUFACTURING ENGINEERING	1703EV017	Elective V - Industrial Waste Management

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542.	MANUFACTURING ENGINEERING	1704MF301	Project Work Phase-I
543.	MANUFACTURING ENGINEERING	170MF401	Project Work (Phase II)
544.	Mechanical Engineering	1701MA101	Engineering Mathematics-I
545.	Mechanical Engineering	1701PH101	Applied Physics for Engineers
546.	Mechanical Engineering	1701EN101	Technical English
547.	Mechanical Engineering	1701CH102	Materials Chemistry
548.	Mechanical Engineering	1701GE104	Fundamentals of Mechanical Engineering
549.	Mechanical Engineering	1701GEX03	Programming in C
550.	Mechanical Engineering	1701HS151	Physics and Chemistry Lab –I
551.	Mechanical Engineering	1701GEX51	Programming in C Lab
552.	Mechanical Engineering	1701GEX53	Workshop Practice
553.	Mechanical Engineering	1701MA201	Engineering Mathematics II
554.	Mechanical Engineering	1701PH203	Materials Science
555.	Mechanical Engineering	1701CH201	Environmental Studies
556.	Mechanical Engineering	1701GEX01	Basic Electrical and Electronics Engineering
557.	Mechanical Engineering	1701GEX02	Engineering Graphics
558.	Mechanical Engineering	1701GEX04	Engineering Mechanics
559.	Mechanical Engineering	1701GEX52	Communication Skills Lab
560.	Mechanical Engineering	1701HS251	Physics and Chemistry Lab II
561.	Mechanical Engineering	1701MA301	Engineering Mathematics III
562.	Mechanical Engineering	1702ME301	Engineering Thermodynamics
563.	Mechanical Engineering	1702ME302	Engineering Materials and Metallurgy
564.	Mechanical Engineering	1702ME303	Fluid Mechanics and Machinery
565.	Mechanical Engineering	1702ME304	Strength of Materials
566.	Mechanical Engineering	1702ME305	Manufacturing Technology – I
567.	Mechanical Engineering	1702ME351	Machine Drawing- I
568.	Mechanical Engineering	1702ME352	Manufacturing Technology Laboratory - I
569.	Mechanical Engineering	1704ME353	Technical Seminar I
570.	Mechanical Engineering	1702ME354	Fluid Mechanics and Machinery Lab
571.	Mechanical Engineering	1704GE351	Life Skills: Soft Skills
572.	Mechanical Engineering	1702MA403	Numerical Methods and Statistics
573.	Mechanical Engineering	1702ME401	Thermal Engineering
574.	Mechanical Engineering	1702ME402	Measurements and Metrology
575.	Mechanical Engineering	1702ME403	Kinematics of Machines
576.	Mechanical Engineering	1702ME404	Design of Machine Elements
577.	Mechanical Engineering	1702ME405	Manufacturing Technology -II
578.	Mechanical Engineering	1702ME451	Thermal Engineering Laboratory
579.	Mechanical Engineering	1702ME452	Manufacturing Technology Laboratory – II
580.	Mechanical Engineering	1704ME453	Technical Seminar II
581.	Mechanical Engineering	1704GE451	Life Skills: Verbal Ability
582.	Mechanical Engineering	ME6501	Computer Aided Design
583.	Mechanical Engineering	ME6502	Heat and Mass Transfer
584.	Mechanical Engineering	ME6503	Design of Machine Elements
585.	Mechanical Engineering	ME6504	Metrology and Measurements
586.	Mechanical Engineering	ME6505	Dynamics of Machines

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587.	Mechanical Engineering	GE6075	Professional Ethics in Engineering
588.	Mechanical Engineering	ME6511	Dynamics Laboratory
589.	Mechanical Engineering	ME6512	Thermal Engineering Laboratory-II
590.	Mechanical Engineering	ME6513	Metrology and Measurements Laboratory
591.	Mechanical Engineering	ME6601	Design of Transmission Systems
592.	Mechanical Engineering	MG6851	Principles of Management
593.	Mechanical Engineering	ME6602	Automobile Engineering
594.	Mechanical Engineering	ME6603	Finite Element Analysis
595.	Mechanical Engineering	ME6604	Gas Dynamics and Jet Propulsion
596.	Mechanical Engineering	ME6004	Unconventional Machining Processes
597.	Mechanical Engineering	ME6611	C.A.D. / C.A.M. Laboratory
598.	Mechanical Engineering	ME6612	Design and Fabrication Project
599.	Mechanical Engineering	GE6674	Communication and Soft Skills-Laboratory Based
600.	Mechanical Engineering	ME6701	Power Plant Engineering
601.	Mechanical Engineering	ME6702	Mechatronics
602.	Mechanical Engineering	ME6703	Computer Integrated Manufacturing
603.	Mechanical Engineering	GE6757	Total Quality Management
604.	Mechanical Engineering	ME6005	Process Planning and Cost Estimation
605.	Mechanical Engineering	ME6010	Robotics
606.	Mechanical Engineering	ME6711	Simulation and Analysis Laboratory
607.	Mechanical Engineering	ME6712	Mechatronics Laboratory
608.	Mechanical Engineering	ME6713	Comprehension
609.	Mechanical Engineering	MG6863	Engineering Economics
610.	Mechanical Engineering	IE6605	Production Planning and Control
611.	Mechanical Engineering	ME6016	Advanced I.C. Engines
612.	Mechanical Engineering	ME6017	Project work

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