



# 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 2020–2021

Sl.No.	Program name	Course code	Course name
1.	Bio Medical Engineering	1901MA301	Engineering Mathematics III (Linear Algebra and Vector Calculus)
2.	Bio Medical Engineering	1902CS306	Object Oriented Programming and Data Structure
3.	Bio Medical Engineering	1902BM301	Fundamentals of Biochemistry
4.	Bio Medical Engineering	1902BM302	Bio medical Circuits and Networks
5.	Bio Medical Engineering	1902BM303	Biosensors and Measurements
6.	Bio Medical Engineering	1902BM304	Human Anatomy and Physiology
7.	Bio Medical Engineering	1902BM351	Devices and Circuits Laboratory
8.	Bio Medical Engineering	1902BM352	Biochemistry and Human Physiology Laboratory
9.	Bio Medical Engineering	1902CS351	C++ and Data Structures Laboratory
10.	Bio Medical Engineering	1904GE351	Life Skills: Verbal Ability
11.	Bio Medical Engineering	1901MCX02	Constitution of India
12.	Bio Medical Engineering	1901MA401	Probability Theory and Stochastic Processes
13.	Bio Medical Engineering	1902BM401	Biomechanics
14.	Bio Medical Engineering	1902BM402	Basics of Pathology and Microbiology
15.	Bio Medical Engineering	1902BM403	Control Systems
16.	Bio Medical Engineering	1902BM404	Biomedical Instrumentation
17.	Bio Medical Engineering	1902BM405	Digital Electronics and Integrated Circuits
18.	Bio Medical Engineering	1902BM451	Pathology and Microbiology Laboratory
19.	Bio Medical Engineering	1902BM452	Biomedical Instrumentation Laboratory
20.	Bio Medical Engineering	1902BM453	Analog and Digital Integrated Circuits Laboratory
21.	Bio Medical Engineering	1904GE451	Life Skills: Verbal Reasoning
22.	Bio Medical Engineering	1901MCX01	Environmental Science
23.	Bio Medical Engineering	1901GEX51	Engineering Intelligence I
24.	Bio Medical Engineering	1901MA104	Engineering Mathematics –I (Linear Algebra, Calculus and Partial differentiation)
25.	Bio Medical Engineering	1901CH103	Chemistry for Biomedical Engineering
26.	Bio Medical Engineering	1901GEX03	Programming for Problem Solving
27.	Bio Medical Engineering	1901ENX01	English for Engineers
28.	Bio Medical Engineering	1901GEX52	Computer Programming Lab
29.	Bio Medical Engineering	1901GEX51	Engineering Intelligence I
30.	Bio Medical Engineering	1901CHX51	Engineering Chemistry Lab
31.	Bio Medical Engineering	1901HS151	Communication Skills
32.	Bio Medical Engineering	1901MA204	Engineering Mathematics–II(Calculus, Ordinary Differential Equations and Complex Variable)
33.	Bio Medical Engineering	1901PH202	Semiconductor Physics and Optoelectronics
34.	Bio Medical Engineering	1901GEX01	Basic Electrical and Electronics Engineering
35.	Bio Medical Engineering	1901GEX02	Engineering Graphics
36.	Bio Medical Engineering	1901GE201	Engineering Exploration

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37.	Bio Medical Engineering	1901GE254	Computer Hardware and IT Essentials Lab
38.	Bio Medical Engineering	1901GE252	Engineering Intelligence - II
39.	Bio Medical Engineering	1901GEX51	CAD Lab
40.	Bio Medical Engineering	1901GEX53	Basic Electrical and Electronics Engineering Lab
41.	Bio Medical Engineering	1901PHX51	Engineering Physics Lab
42.	Bio Medical Engineering	1901MA104	Engineering Mathematics –I (Linear Algebra, Calculus and Partial differentiation)
43.	Bio Medical Engineering	1901CH103	Chemistry for Biomedical Engineering
44.	Bio Medical Engineering	1901GEX03	Programming for Problem Solving
45.	Bio Medical Engineering	1901ENX01	English for Engineers
46.	Bio Medical Engineering	1901GEX52	Computer Programming Lab
47.	Bio Medical Engineering	1901GEX51	Engineering Intelligence I
48.	Bio Medical Engineering	1901CHX51	Engineering Chemistry Lab
49.	Bio Medical Engineering	1901HS151	Communication Skills
50.	Bio Medical Engineering	1901MA204	Engineering Mathematics–II(Calculus, Ordinary Differential Equations and Complex Variable)
51.	Bio Medical Engineering	1901PH202	Semiconductor Physics and Optoelectronics
52.	Bio Medical Engineering	1901GEX01	Basic Electrical and Electronics Engineering
53.	Bio Medical Engineering	1901GEX02	Engineering Graphics
54.	Bio Medical Engineering	1901GE201	Engineering Exploration
55.	Bio Medical Engineering	1901GE254	Computer Hardware and IT Essentials Lab
56.	Bio Medical Engineering	1901GE252	Engineering Intelligence - II
57.	Bio Medical Engineering	1901GEX51	CAD Lab
58.	Bio Medical Engineering	1901GEX53	Basic Electrical and Electronics Engineering Lab
59.	Bio Medical Engineering	1901PHX51	Engineering Physics Lab
60.	Environmental Engineering	17EV101	Statistics For Environmental Engineers
61.	Environmental Engineering	17EV102	Environmental Chemistry
62.	Environmental Engineering	17EV103	Environmental Microbiology
63.	Environmental Engineering	17EV104	Transport of Water and Waste Water
64.	Environmental Engineering	17EV105	Principles and Design of Physico-Chemical Treatment Systems
65.	Environmental Engineering	17EV005	Environmental Policies and Legislation
66.	Environmental Engineering	17EV106	Environmental Chemistry Laboratory
67.	Environmental Engineering	17EV107	Environmental Microbiology Laboratory
68.	Environmental Engineering	17EV108	Communication Skills Lab I
69.	Environmental Engineering	17EV201	Principles and Design of Biological Treatment Systems
70.	Environmental Engineering	17EV202	Air Pollution Monitoring and Control
71.	Environmental Engineering	17EV203	Industrial Waste Management
72.	Environmental Engineering	17EV204	Solid and Hazardous Waste Management
73.	Environmental Engineering	17EV205	Environmental Impact Assessment
74.	Environmental Engineering	17EV005	Environmental Policies and Legislation
75.	Environmental Engineering	17EV206	Unit Operations and Processes Laboratory
76.	Environmental Engineering	17EV207	Communication Skills Lab II

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77.	Environmental Engineering	17EV208	Technical Seminar
78.	Environmental Engineering	17EV008	Membrane Technologies for Water and Waste Water Treatment
79.	Environmental Engineering	17EV009	Remote Sensing and GIS Applications in Environmental Management
80.	Environmental Engineering	17EV301	Project Work (Phase I)
81.	Environmental Engineering	17EV401	Project Work (Phase II)
82.	Civil Engineering	1902ME301	Engineering Mechanics
83.	Civil Engineering	1902CE301	Engineering Geology
84.	Civil Engineering	1902CE302	Fluid Mechanics and Machines
85.	Civil Engineering	1902CE303	Strength of Materials
86.	Civil Engineering	1902CE304	Engineering Surveying
87.	Civil Engineering	1902CE351	Surveying Lab
88.	Civil Engineering	1902CE352	Strength of Materials Lab
89.	Civil Engineering	1902CE353	Fluid Mechanics and Machines Lab
90.	Civil Engineering	1904GE351	Life Skills: Verbal Ability
91.	Civil Engineering	1901MCX01	Environmental Science
92.	Civil Engineering	1901MA401	Engineering Mathematics III
93.	Civil Engineering	1902CE401	Building Materials and Management
94.	Civil Engineering	1902CE402	Soil Mechanics
95.	Civil Engineering	1902CE403	Transportation Engineering
96.	Civil Engineering	1902CE404	Concrete Technology
97.	Civil Engineering	1901CE405	Biology for Engineers
98.	Civil Engineering	1902CE451	Computer Aided Building and Drawing Lab
99.	Civil Engineering	1902CE452	Soil Mechanics Lab
100.	Civil Engineering	1904GE451	Life Skills: Verbal Reasoning
101.	Civil Engineering	1902MCX02	Constitution of India
102.	Civil Engineering	1702CE501	Structural Analysis I
103.	Civil Engineering	1702CE502	Concrete Structures I
104.	Civil Engineering	1702CE503	Concrete Technology
105.	Civil Engineering	1702CE504	Geotechnical Engineering II
106.	Civil Engineering	1703CE001	Remote Sensing And GIS (Elective I)
107.	Civil Engineering	1703CE006	Solid Waste Management (Elective II)
108.	Civil Engineering	1702CE551	Computer Aided Building And Drawing Lab
109.	Civil Engineering	1702CE552	Survey Camp*
110.	Civil Engineering	1704CE553	Mini Project I
111.	Civil Engineering	1704GE551	Life Skills: Aptitude - I
112.	Civil Engineering	1702CE601	Structural Analysis II
113.	Civil Engineering	1702CE602	Concrete Structures II
114.	Civil Engineering	1702CE603	Design Of Steel Structures
115.	Civil Engineering	1702CE604	Water Supply Engineering
116.	Civil Engineering	1703CE009	Ground Water Engineering (Elective III)
117.	Civil Engineering	1702CE651	Concrete And Highway Engineering Lab
118.	Civil Engineering	1702CE652	Environmental And Irrigation Design And Drawing

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119.	Civil Engineering	1704GE651	Life Skills: Aptitude - II
120.	Civil Engineering	1702CE653	Mini Project II
121.	Civil Engineering	1702CE654	Industrial Visit / Presentation
122.	Civil Engineering	1702CE701	Quantity Surveying & Cost Estimation
123.	Civil Engineering	1702CE702	Waste Water Engineering
124.	Civil Engineering	1702CE703	Structural Dynamics And Earth Quake Engineering
125.	Civil Engineering	1701MGX01	Professional Ethics
126.	Civil Engineering	1703CE015	Pre-Stressed Concrete (Elective V)
127.	Civil Engineering	1702CE751	Computer Aided Design And Drafting Lab
128.	Civil Engineering	1702CE752	Water And Waste Water Engineering Lab
129.	Civil Engineering	1702CE753	Mini Project III
130.	Civil Engineering	1704GE751	Competitive exams Preparation
131.	Civil Engineering	1702CE754	In plant Training / Internship Presentation
132.	Civil Engineering	1703CE019	Storage And Industrial Structures (Elective VII)
133.	Civil Engineering	1703CE021	Repair And Rehabilitation Of Structures (Elective VIII)
134.	Civil Engineering	1703CE025	Traffic Engineering And Management (Elective IX)
135.	Civil Engineering	1702CE851	Project
136.	Civil Engineering	1901MA101	Engineering Mathematics – I (Matrices and Calculus)
137.	Civil Engineering	1901PH101	Introduction to Mechanics
138.	Civil Engineering	1901GEX01	Basic Electrical and Electronics Engineering
139.	Civil Engineering	1901GEX02	Engineering Graphics
140.	Civil Engineering	1901GEX51	CAD Lab
141.	Civil Engineering	1901GEX52	Basic Electrical and Electronics Engineering Lab
142.	Civil Engineering	1901PHX51	Engineering Physics Lab
143.	Civil Engineering	1901HS151	Communication Skills
144.	Civil Engineering	1901MA201	Engineering Mathematics – II (Differential equations)
145.	Civil Engineering	1901CH201	Water Technology and Green Chemistry
146.	Civil Engineering	1901GEX03	Programming for Problem Solving
147.	Civil Engineering	1901ENX01	English for Engineers
148.	Civil Engineering	1901GE201	Engineering Exploration
149.	Civil Engineering	1901CHX51	Engineering Chemistry Lab
150.	Civil Engineering	1901GE553	Basic Workshop Lab
151.	Civil Engineering	1901GEX52	Computer Programming Lab
152.	Civil Engineering	1901HSX51	Communication Skill Lab
153.	Civil Engineering	1901GE552	Engineering Intelligence - II
154.	Computer Science and Business System	1901MA105	Discrete Mathematics
155.	Computer Science and Business System	1901MA106	Probability and Statistics
156.	Computer Science and Business System	1901GE102	Principles of Electrical Engineering

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157.	Computer Science and Business System	1901MA105	Discrete Mathematics
158.	Computer Science and Business System	1901MA106	Probability and Statistics
159.	Computer Science and Business System	1901GE102	Principles of Electrical Engineering
160.	Computer Science and Business System	1901PH103	Fundamentals of Physics
161.	Computer Science and Business System	1901EN101	Business Communication and Value Science
162.	Computer Science and Business System	1901GE103	Fundamentals of Computer Science
163.	Computer Science and Business System	1901MA205	Linear Algebra
164.	Computer Science and Business System	1901MA206	Statistical Modeling
165.	Computer Science and Business System	1901GE202	Data Structures and Algorithms
166.	Computer Science and Business System	1901GE203	Principles of Electronics
167.	Computer Science and Business System	1901HS201	Fundamentals of Economics
168.	Computer Science and Business System	1901EN201	Business Communication and Value Science - II
169.	Computer Science and Business System	1902BS301	Formal Language and Automata Theory
170.	Computer Science and Business System	1902BS302	Computer Organization and Architecture
171.	Computer Science and Business System	1902BS303	Object Oriented Programming
172.	Computer Science and Business System	1902BS304	Computational Statistics
173.	Computer Science and Business System	1902BS305	Software Engineering
174.	Computer Science and Business System	1902BS306	Financial Management
175.	Computer Science and Business System	1902BS351	Object Oriented Programming Lab
176.	Computer Science and Business System	1902BS352	Computational Statistics Lab
177.	Computer Science and Business System	1904GE351	Life Skills: Soft Skill
178.	Computer Science and Business System	1901MCX02	Constitution of India
179.	Computer Science and Engineering	1701CP101	Applied Probability and Statistics

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180.	Computer Science and Engineering	1702CP102	Advanced Data Structures and Algorithms
181.	Computer Science and Engineering	1702CP103	Advanced Computer Architecture
182.	Computer Science and Engineering	1702CP104	Advanced Operating System
183.	Computer Science and Engineering	1702CP105	Design and Management of Computer Networks
184.	Computer Science and Engineering	1703CP003	Image Processing & Analysis
185.	Computer Science and Engineering	1704CP106	Advanced Data Structures Laboratory
186.	Computer Science and Engineering	1704CP107	Case Study – Operating Systems Design
187.	Computer Science and Engineering	1704CP108	Communication Skill Lab I
188.	Computer Science and Engineering	1701CP201	Software Process and Project Management
189.	Computer Science and Engineering	1702CP202	Security In Computing
190.	Computer Science and Engineering	1702CP203	Internet of Things
191.	Computer Science and Engineering	1702CP204	Advanced Databases
192.	Computer Science and Engineering	1702CP205	Machine Learning Techniques
193.	Computer Science and Engineering	1703CP016	Adhoc Mobile Wireless Networks
194.	Computer Science and Engineering	1704CP206	Advanced Database Laboratory
195.	Computer Science and Engineering	1704CP207	Technical Seminar
196.	Computer Science and Engineering	1704CP208	Communication Skill Lab II
197.	Computer Science and Engineering	1703CP004	<b>Elective III - Cloud Computing</b>
198.	Computer Science and Engineering	1703CP010	<b>Elective IV - Network And Information Security</b>
199.	Computer Science and Engineering	1703CO036	<b>Elective V - Network Engineering And Management</b>
200.	Computer Science and Engineering	1704CP301	Project Work Phase-I
201.	Computer Science and Engineering	1704CP401	Project Work Phase-II
202.	Computer Science and Engineering	1901MA102	Engineering Mathematics –I (Calculus and Linear Algebra)

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203.	Computer Science and Engineering	1901CH104	Applied Chemistry in Informatics
204.	Computer Science and Engineering	1901GEX03	Programming for Problem Solving
205.	Computer Science and Engineering	1901ENX01	English for Engineers
206.	Computer Science and Engineering	1901GEX52	Computer Programming Lab
207.	Computer Science and Engineering	1901GE151	Engineering Intelligence I
208.	Computer Science and Engineering	1901CHX51	Engineering Chemistry Lab
209.	Computer Science and Engineering	1901HSX51	Communication Skills Lab
210.	Computer Science and Engineering	1901MA202	Engineering Mathematics –II (Probability and Statistics)
211.	Computer Science and Engineering	1901PH201	Physics for Information Science
212.	Computer Science and Engineering	1901GEX01	Basic Electrical and Electronics Engineering
213.	Computer Science and Engineering	1901GEX02	Engineering Graphics
214.	Computer Science and Engineering	1901GE201	Engineering Exploration
215.	Computer Science and Engineering	1901GE254	Computer Hardware and IT Essentials Lab
216.	Computer Science and Engineering	1901GE252	Engineering Intelligence - II
217.	Computer Science and Engineering	1901GEX51	CAD Lab
218.	Computer Science and Engineering	1901GEX53	Basic Electrical and Electronics Engineering Lab
219.	Computer Science and Engineering	1901PHX51	Engineering Physics Lab
220.	Computer Science and Engineering	1901MA302	Engineering Mathematics III
221.	Computer Science and Engineering	1902CS301	Data Structures
222.	Computer Science and Engineering	1902CS302	Object Oriented Programming
223.	Computer Science and Engineering	1902CS303	Computer Organization and Architecture
224.	Computer Science and Engineering	1902CS304	Digital Logic and Microprocessors
225.	Computer Science and Engineering	1901MCX02	Constitution of India

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226.	Computer Science and Engineering	1902CS351	Data Structures Laboratory
227.	Computer Science and Engineering	1902CS352	Object Oriented Programming Laboratory
228.	Computer Science and Engineering	1904GE351	Life Skills: Soft Skills
229.	Computer Science and Engineering	1902CS401	Software Engineering
230.	Computer Science and Engineering	1902CS402	Operating System
231.	Computer Science and Engineering	1902CS403	Computer Networks
232.	Computer Science and Engineering	1902CS404	Design & Analysis of Algorithms
233.	Computer Science and Engineering	1902CS406	Database Management Systems
234.	Computer Science and Engineering	1901GEX04	Biology for Engineers
235.	Computer Science and Engineering	1901MCX01	Environmental Science
236.	Computer Science and Engineering	1902CS451	Networks Laboratory
237.	Computer Science and Engineering	1902CS452	Operating System Laboratory
238.	Computer Science and Engineering	1902CS453	Database Management Systems Lab
239.	Computer Science and Engineering	1904GE451	Life Skills: Verbal Ability
240.	Computer Science and Engineering	1701MA501	Discrete Mathematics
241.	Computer Science and Engineering	1702CS501	Object Oriented Analysis and Design
242.	Computer Science and Engineering	1702CS502	Theory of Computation
243.	Computer Science and Engineering	1702CS503	Computer Graphics and Multimedia
244.	Computer Science and Engineering	1703CS002	Software Testing (Elective I)
245.	Computer Science and Engineering	1703CS006	Mobile Computing (Elective II)
246.	Computer Science and Engineering	1702CS551	Computer Graphics and Multimedia Lab
247.	Computer Science and Engineering	1704CS552	CASE Tools Laboratory (Mini Project I)
248.	Computer Science and Engineering	1704CS553	Technical Seminar

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249.	Computer Science and Engineering	1704GE551	Life Skills: Aptitude-I
250.	Computer Science and Engineering	1701MGX01	Professional Ethics
251.	Computer Science and Engineering	1702CS601	Web Technology
252.	Computer Science and Engineering	1702CS602	Artificial Intelligence
253.	Computer Science and Engineering	1702CS603	Distributed Systems
254.	Computer Science and Engineering	1703CS012/ 1703MG008	Data Warehousing and Data Mining/ Human Rights
255.	Computer Science and Engineering	1703CE032 / 1703EC020 / 1703ME011	Global Warming and Climate Change/ Soft Computing / IndustrialRobotics
256.	Computer Science and Engineering	1702CS651	Web Technology Laboratory
257.	Computer Science and Engineering	1704CS652	Mobile Application Development Laboratory
258.	Computer Science and Engineering	1704CS653	Industrial Visit Presentation
259.	Computer Science and Engineering	1704GE651	Life Skills: Aptitude-II
260.	Computer Science and Engineering	1702CS701	Cryptography and Network Security
261.	Computer Science and Engineering	1702CS702	Software Project Management
262.	Computer Science and Engineering	1702CS703	Big Data Analytics
263.	Computer Science and Engineering	1702CS704	Cloud Computing
264.	Computer Science and Engineering	1703CS001	Service oriented Architecture (Elective V)
265.	Computer Science and Engineering	1703ED001	Startup Entrepreneurship (Elective VI(Open))
266.	Computer Science and Engineering	1702CS751	Cloud Computing Laboratory
267.	Computer Science and Engineering	1702CS752	Network Security Laboratory
268.	Computer Science and Engineering	1704CS753	Software Development Laboratory
269.	Computer Science and Engineering	1704GE751	Life Skills: Competitive Exams Preparation
270.	Computer Science and Engineering	1704CS754	In-plant Training / Internship Presentation
271.	Computer Science and Engineering	1703CS804	Bio Informatics

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	Engineering		
272.	Computer Science and Engineering	1703CS807	Data Centre and Virtualization
273.	Computer Science and Engineering	1703CS815	Social Network Analysis
274.	Computer Science and Engineering	1704CS851	Project Work
275.	Communication Systems	1701CO101	Applied Engineering Mathematics
276.	Communication Systems	1702CO102	Advanced Digital Signal Processing
277.	Communication Systems	1702CO103	High Speed Communication Networks
278.	Communication Systems	1702CO104	Advanced Digital Communication
279.	Communication Systems	1702CO105	Wireless Communication Engineering
280.	Communication Systems	1704CO106	Signals Processing and Communication Laboratory
281.	Communication Systems	1704CO107	Wireless Communication Networks Lab
282.	Communication Systems	1704CO108	Communication Skills Laboratory - I
283.	Communication Systems	1702CO001	Electromagnetic Interference and compatibility in system design
284.	Communication Systems	1702CO201	FPGA Based Communication System Design
285.	Communication Systems	1702CO202	Microwave Integrated Circuits
286.	Communication Systems	1702CO203	Optical Switching and Networking
287.	Communication Systems	1702CO204	Information Theory and Coding
288.	Communication Systems	1704CO205	RF System Design Laboratory
289.	Communication Systems	1704CO206	Technical Seminar
290.	Communication Systems	1704CO207	Communication Skills Laboratory -II
291.	Communication Systems	1703CO001	ADVANCED DIGITAL IMAGE PROCESSING
292.	Communication Systems	1703CO017	MOBILE AD HOC NETWORKS
293.	Communication Systems	1702CO301	Electromagnetic Interference and Compatibility in System Design
294.	Communication Systems	1703CO024	Elective IV - Machine Learning Algorithms
295.	Communication Systems	1703CP017	Elective V - Embedded Software Development
296.	Communication Systems	1704CO302	Project Work Phase-I
297.	Communication Systems	1703CO033	Wireless Sensor Networks
298.	Communication Systems	1703CO034	Optical Signal Processing
299.	Communication Systems	1703CO035	High Speed Switching Architecture
300.	Communication Systems	1703CO036	Network Engineering And Management
301.	Electronics and Communication Engineering	1901MA104	Engineering Mathematics –I (Linear Algebra, Calculus and Partial differentiation)
302.	Electronics and Communication Engineering	1901CH102	Chemistry for Electronic Engineers
303.	Electronics and Communication Engineering	1901GEX03	Programming for Problem Solving
304.	Electronics and Communication Engineering	1901ENX01	English for Engineers
305.	Electronics and	1901GEX52	Computer Programming Laboratory

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	Communication Engineering		
306.	Electronics and Communication Engineering	1901GE151	Engineering Intelligence I
307.	Electronics and Communication Engineering	1901CHX51	Engineering Chemistry Laboratory
308.	Electronics and Communication Engineering	1901HSX51	Communication Skill Laboratory
309.	Electronics and Communication Engineering	1901MA204	Engineering Mathematics –II(Calculus, Ordinary Differential Equations and Complex Variable)
310.	Electronics and Communication Engineering	1901PH202	Semiconductor Physics and Optoelectronics
311.	Electronics and Communication Engineering	1901GEX01	Basic Electrical and Electronics Engineering
312.	Electronics and Communication Engineering	1901GEX02	Engineering Graphics
313.	Electronics and Communication Engineering	1901GE201	Engineering Exploration
314.	Electronics and Communication Engineering	1901GE254	Computer Hardware and IT Essentials Laboratory
315.	Electronics and Communication Engineering	1901GE252	Engineering Intelligence II
316.	Electronics and Communication Engineering	1901GEX51	CAD Laboratory
317.	Electronics and Communication Engineering	1901GEX53	Basic Electrical and Electronics Engineering Laboratory
318.	Electronics and Communication Engineering	1901PHX51	Engineering Physics Laboratory
319.	Electronics and Communication Engineering	1901MA301	Engineering Mathematics – III (Transforms and Linear algebra)
320.	Electronics and Communication Engineering	1902EC304	Biology for Engineers
321.	Electronics and Communication Engineering	1902CS306	Object Oriented Programming and Data Structures
322.	Electronics and Communication Engineering	1902EC301	Electron Devices
323.	Electronics and Communication Engineering	1902EC302	Circuits and Networks
324.	Electronics and Communication Engineering	1902EC303	Digital Electronics
325.	Electronics and Communication Engineering	1902EC351	Devices & Circuits Laboratory
326.	Electronics and Communication Engineering	1904GE351	Life Skills: Verbal ability
327.	Electronics and Communication Engineering	1901MCX02	Constitution of India
328.	Electronics and	1901MA402	Probability Theory and Stochastic Processes

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	Communication Engineering		
329.	Electronics and Communication Engineering	1902EC401	Electronics Circuits
330.	Electronics and Communication Engineering	1902EC402	Signals and Systems
331.	Electronics and Communication Engineering	1902EC403	Electromagnetic Fields
332.	Electronics and Communication Engineering	1902EC404	Analog Integrated Circuits
333.	Electronics and Communication Engineering	1902EC405	Microprocessors and Microcontrollers
334.	Electronics and Communication Engineering	1902EC451	Electronics and Integrated Circuits Laboratory
335.	Electronics and Communication Engineering	1902EC452	Microprocessors and Microcontrollers Laboratory
336.	Electronics and Communication Engineering	1904GE451	Life Skills: Verbal Reasoning
337.	Electronics and Communication Engineering	1901MCX01	Environmental Studies
338.	Electronics and Communication Engineering	1702EC501	Analog Communication
339.	Electronics and Communication Engineering	1702EC502	Antenna and Wave Propagation
340.	Electronics and Communication Engineering	1702EC503	Digital Signal Processing
341.	Electronics and Communication Engineering	1702EC504	Computer Networks
342.	Electronics and Communication Engineering	1703EC004	Professional Elective – I (1703EC004 – Bio Medical Engineering)
343.	Electronics and Communication Engineering	1703EC008	Professional Elective – II (1703EC008 – Measurement and Instrumentation)
344.	Electronics and Communication Engineering	1702EC551	Analog Communication Laboratory
345.	Electronics and Communication Engineering	1702EC552	Digital Signal Processing Laboratory
346.	Electronics and Communication Engineering	1704EC553	Technical Seminar
347.	Electronics and Communication Engineering	1704GE551	Life Skills: Aptitude – I
348.	Electronics and Communication Engineering	1701MGX01	Professional Ethics
349.	Electronics and Communication Engineering	1702EC601	VLSI Design
350.	Electronics and Communication Engineering	1702EC602	Digital Communication
351.	Electronics and	1702EC603	Wireless Networks and Standards

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	Communication Engineering		
352.	Electronics and Communication Engineering	1703EC601	Information Theory and Coding
353.	Electronics and Communication Engineering	1703EC602	Digital Control Engineering
354.	Electronics and Communication Engineering	1703EC603	Network Security
355.	Electronics and Communication Engineering	1703EC604	Real Time Operating Systems
356.	Electronics and Communication Engineering	1703EC605	Soft Computing
357.	Electronics and Communication Engineering	1703EC813	Cloud Computing
358.	Electronics and Communication Engineering	1703EC814	Internet of Things (IoT)
359.	Electronics and Communication Engineering	1703EC815	Big Data Analytics
360.	Electronics and Communication Engineering	1703EC816	Introduction to Web Technology
361.	Electronics and Communication Engineering	1703EC817	Grid Computing
362.	Electronics and Communication Engineering	1702EC651	VLSI Design Laboratory
363.	Electronics and Communication Engineering	1702EC652	Communication and Networks Laboratory
364.	Electronics and Communication Engineering	1704EC653	Industrial Visits & Presentation
365.	Electronics and Communication Engineering	1704GE651	Life Skills: Aptitude – II
366.	Electronics and Communication Engineering	1702EC701	Microwave Engineering
367.	Electronics and Communication Engineering	1702EC702	Optical Communication
368.	Electronics and Communication Engineering	1702EC703	Wireless Communication
369.	Electronics and Communication Engineering	1702EC704	Image Processing
370.	Electronics and Communication Engineering	1703MG002	Professional Elective – V (1703MG002 – Total Quality Management)
371.	Electronics and Communication Engineering	1703ED001	Professional (Open) Elective – VI (1703ED001 – Startup Entrepreneurship)
372.	Electronics and Communication Engineering	1702EC751	Microwave and Optical Communication Laboratory
373.	Electronics and Communication Engineering	1704EC752	Mini Project
374.	Electronics and	1704EC753	In-plant Training/ Internship Presentation

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	Communication Engineering		
375.	Electronics and Communication Engineering	1704GE751	Life Skills : Competitive Exams Preparation
376.	Electronics and Communication Engineering	1703EC031	Satellite Communication(Professional Elective – VII)
377.	Electronics and Communication Engineering	1703EC032	System-on Chip Design (Professional Elective – VIII)
378.	Electronics and Communication Engineering	1703EC039	Optical Networks (Professional Elective-IX)
379.	Electronics and Communication Engineering	1704EC851	Project Work
380.	Power Electronics and Drives	1701PE101	Applied Mathematics for Electrical Engineers
381.	Power Electronics and Drives	1701PE102	Power Semiconductor Devices and Recent Advancements
382.	Power Electronics and Drives	1701PE103	Analysis of Power Converters
383.	Power Electronics and Drives	1701PE104	Analysis of Inverters
384.	Power Electronics and Drives	1701PE105	Modelling and Analysis of Electrical Machines
385.	Power Electronics and Drives	1704PE106	Power Electronic Circuits Laboratory
386.	Power Electronics and Drives	1704PE107	Power Electronics Simulation Laboratory
387.	Power Electronics and Drives	1704PE108	Communication Skills Lab I
388.	Power Electronics and Drives	1701PE201	Research Methodology
389.	Power Electronics and Drives	1701PE202	Solid State DC Drives
390.	Power Electronics and Drives	1701PE203	Solid State AC Drives
391.	Power Electronics and Drives	1701PE204	Power Quality Issues and Solutions
392.	Power Electronics and Drives	1701PE205	Modelling and Design of SMPS
393.	Power Electronics and Drives	1701PE206	Electrical Drives Laboratory
394.	Power Electronics and Drives	1701PE207	Technical Seminar
395.	Power Electronics and Drives	1703PE018	Elective III- Optimization Techniques
396.	Power Electronics and Drives	1703PE001	Elective IV - Recent trends in power conversion Technology
397.	Power Electronics and Drives	1703EV020	Elective V-Environmental Engineering and Pollution Control
398.	Power Electronics and Drives	1704PE301	Project Work Phase-I
399.	Power Electronics and Drives	1704PE401	Project Work Phase-II
400.	Electrical and Electronics Engineering	1901MA103	Engineering Mathematics – I (Calculus and Differential Equations)
401.	Electrical and Electronics Engineering	1901PH102	Wave, Optics and Electromagnetism
402.	Electrical and Electronics Engineering	1901GE101	Electric Circuit Analysis
403.	Electrical and Electronics Engineering	1901GEX02	Engineering Graphics
404.	Electrical and Electronics Engineering	1901GEX51	CAD Lab
405.	Electrical and Electronics Engineering	1901GEX53	Basic Electrical and Electronics Engineering Lab

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	Engineering		
406.	Electrical and Electronics Engineering	1901PHX51	Engineering Physics Lab
407.	Electrical and Electronics Engineering	1901GE151	Engineering Intelligence-I
408.	Electrical and Electronics Engineering	1901MA203	Engineering Mathematics – II (Linear Algebra, Transform Calculus and Numerical Methods)
409.	Electrical and Electronics Engineering	1901CH202	Applied Chemistry
410.	Electrical and Electronics Engineering	1901GEX03	Programming for Problem Solving
411.	Electrical and Electronics Engineering	1901ENX01	English for Engineers
412.	Electrical and Electronics Engineering	1901GE201	Engineering Exploration
413.	Electrical and Electronics Engineering	1901CHX51	Engineering Chemistry Lab
414.	Electrical and Electronics Engineering	1901GE253	Basic Workshop Lab
415.	Electrical and Electronics Engineering	1901GEX52	Computer Programming Lab
416.	Electrical and Electronics Engineering	1901HSX51	Communication Skill Lab
417.	Electrical and Electronics Engineering	1901GE252	Engineering Intelligence – II
418.	Electrical and Electronics Engineering	1901MA303	Engineering Mathematics III (Complex Variables, Vector Calculus and Transforms)
419.	Electrical and Electronics Engineering	1902EE301	Analog Electronics
420.	Electrical and Electronics Engineering	1902EE302	Digital Electronics
421.	Electrical and Electronics Engineering	1902EE303	DC Machines and Transformers
422.	Electrical and Electronics Engineering	1902CS503	Object Oriented Programming
423.	Electrical and Electronics Engineering	1901MCX02	Constitution of India
424.	Electrical and Electronics Engineering	1902EE351	Analog Electronics Laboratory
425.	Electrical and Electronics Engineering	1902EE352	DC Machines and Transformers Laboratory
426.	Electrical and Electronics Engineering	1902CS554	Object Oriented Programming Laboratory
427.	Electrical and Electronics Engineering	1904GE351	Life Skills: Soft Skill
428.	Electrical and Electronics Engineering	1902EE401	Generation, Transmission and Distribution

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	Engineering		
429.	Electrical and Electronics Engineering	1902EE402	Synchronous and Asynchronous Machines
430.	Electrical and Electronics Engineering	1902EE403	Linear Integrated Circuits
431.	Electrical and Electronics Engineering	1902EE404	Communication Engineering
432.	Electrical and Electronics Engineering	1901GEX04	Biology for Engineers
433.	Electrical and Electronics Engineering	1901MCX01	Environmental Science
434.	Electrical and Electronics Engineering	1902EE451	Synchronous and Asynchronous Machines Laboratory
435.	Electrical and Electronics Engineering	1902EE452	Analog and Digital Integrated Circuits Laboratory
436.	Electrical and Electronics Engineering	1904GE451	Life Skills: Verbal Ability
437.	Electrical and Electronics Engineering	1702EE501	Electrical Machine Design
438.	Electrical and Electronics Engineering	1702EE502	Linear Control Systems
439.	Electrical and Electronics Engineering	1702EE503	Power Electronics
440.	Electrical and Electronics Engineering	1703EE001	SPECIAL ELECTRICAL MACHINES
441.	Electrical and Electronics Engineering	1703EE002	ELECTRICAL SAFETY AND MANAGEMENT
442.	Electrical and Electronics Engineering	1702CS504	Object Oriented Programming
443.	Electrical and Electronics Engineering	1702CS554	Object Oriented Programming Laboratory
444.	Electrical and Electronics Engineering	1702EE551	Measurement and Control Laboratory
445.	Electrical and Electronics Engineering	1704EE552	Mini Project – I
446.	Electrical and Electronics Engineering	1704GE551	Life Skills: Aptitude-I
447.	Electrical and Electronics Engineering	1701MGX02	Industrial Economics
448.	Electrical and Electronics Engineering	1702EE601	Solid State Drives
449.	Electrical and Electronics Engineering	1702EE602	Power System Analysis
450.	Electrical and Electronics Engineering	1702EE603	Microprocessor, Microcontroller and its Applications
451.	Electrical and Electronics	1703EE006	Digital Signal Processing

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	Engineering		
452.	Electrical and Electronics Engineering	1702EE651	Power Electronics and Drives Laboratory
453.	Electrical and Electronics Engineering	1702EE652	Microprocessor, Microcontroller and its Applications Laboratory
454.	Electrical and Electronics Engineering	1704EE653	Mini Project – II
455.	Electrical and Electronics Engineering	1704EE654	Industrial Visit Presentation
456.	Electrical and Electronics Engineering	1704GE651	Life Skills: Aptitude – II
457.	Electrical and Electronics Engineering	1701MGX01	Professional Ethics
458.	Electrical and Electronics Engineering	1702EE701	Protection and Switchgear
459.	Electrical and Electronics Engineering	1702EE702	Power System Operation and Control
460.	Electrical and Electronics Engineering	1702EE703	High Voltage Engineering
461.	Electrical and Electronics Engineering	1703EE010	Electric and Hybrid Vehicles
462.	Electrical and Electronics Engineering	1702EE751	Power System Simulation Laboratory
463.	Electrical and Electronics Engineering	1702EE752	Computer Aided Electrical Drawing Laboratory
464.	Electrical and Electronics Engineering	1704EE753	Mini Project-III
465.	Electrical and Electronics Engineering	1704GE751	Life Skills: Competitive Exams Preparation
466.	Electrical and Electronics Engineering	1704EE754	Implant / Internship Training Presentation
467.	Electrical and Electronics Engineering	1703EE017	Flexible AC Transmission Systems
468.	Electrical and Electronics Engineering	1703EE018	Power Electronics for Renewable Energy Systems
469.	Electrical and Electronics Engineering	1703EE019	Electrical Energy Generation Utilization and Conservation
470.	Electrical and Electronics Engineering	1704EE851	Project Work
471.	Electrical and Electronics Engineering	1901HS151	Communication Skills
472.	Information Technology	1902MA301	Probability, Queuing Theory and Statistics
473.	Information Technology	1902IT301	Data Structures and Algorithms
474.	Information Technology	1902IT302	Computer Organization and Architecture
475.	Information Technology	1902IT303	Digital Principles and Design

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476.	Information Technology	1902IT304	Problem solving using Python
477.	Information Technology	1902IT305	Biology for IT
478.	Information Technology	1902IT351	Data Structures and Algorithms Lab
479.	Information Technology	1902IT352	Digital Principles and Design Lab
480.	Information Technology	1902IT353	Python Programming Lab
481.	Information Technology	1904GE351	Life Skills: Verbal Ability
482.	Information Technology	1901MCX02	Constitution of India
483.	Information Technology	1902IT401	Database Management Systems
484.	Information Technology	1902IT402	Java Programming
485.	Information Technology	1902IT403	Operating Systems
486.	Information Technology	1902IT404	Software Engineering and Project Management
487.	Information Technology	1902IT405	Computer Networks
488.	Information Technology	1902IT406	Principles of Communication
489.	Information Technology	1902IT451	Database Management Systems Lab
490.	Information Technology	1902IT452	Java Programming Lab
491.	Information Technology	1902IT453	Operating Systems Lab
492.	Information Technology	1904GE451	Life Skills: Softskills
493.	Information Technology	1901MCX01	Environmental Science
494.	Information Technology	1702IT501	Object Oriented Analysis And Design
495.	Information Technology	1702IT502	Distributed Computing
496.	Information Technology	1702IT503	Computer Graphics And Multimedia
497.	Information Technology	1702IT504	Web Programming
498.	Information Technology	1703IT003	Artificial Intelligence
499.	Information Technology	1703IT006	Multi core Architecture
500.	Information Technology	1704IT551	Case Tools (Mini Project I)
501.	Information Technology	1704GE551	Life Skills: Aptitude I
502.	Information Technology	1704IT552	Technical Seminar
503.	Information Technology	1702IT601	C# and .NET
504.	Information Technology	1702IT602	Mobile Computing
505.	Information Technology	1702IT603	Data Warehousing and Data Mining
506.	Information Technology	1702IT604	Wireless Communication
507.	Information Technology	1703IT013	Software Architecture
508.	Information Technology	1703ED001	Start up Entrepurnership
509.	Information Technology	1701MGX01	Professional Ethics
510.	Information Technology	1702IT701	Data Analytics
511.	Information Technology	1702IT702	Security in Computing
512.	Information Technology	1702IT703	Cloud Infrastructure and Computing
513.	Information Technology	1703IT015	Information Management (Elective 5)
514.	Information Technology	1704IT751	Software Development (Mini Project III)
515.	Information Technology	1704GE751	Life Skills: Competitive Exam Preparation
516.	Information Technology	1703IT019	Cyber Forensics (Elective – VII)
517.	Information Technology	1703IT025	Software Quality Assurance (Elective – VIII)
518.	Information Technology	1703IT027	Deep Learning (Elective – IX)
519.	Information Technology	1704IT851	Project Work
520.	Information Technology	1901CH104	Applied Chemistry in Informatics

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521.	Information Technology	1901MA102	Engineering Mathematics –I (Calculus and Linear Algebra)
522.	Information Technology	1901CH104	Applied Chemistry in Informatics
523.	Information Technology	1901GEX03	Programming for Problem Solving
524.	Information Technology	1901ENX01	English for Engineers
525.	Information Technology	1901GEX52	Computer Programming Lab
526.	Information Technology	1901GE151	Engineering Intelligence - I
527.	Information Technology	1901CHX51	Engineering Chemistry Lab
528.	Information Technology	1901HSX51	Communication Skill Lab
529.	Information Technology	1901MA202	Engineering Mathematics –II (Probability and Statistics)
530.	Information Technology	1901PH201	Physics for Information Science
531.	Information Technology	1901GEX01	Basic Electrical and Electronics Engineering
532.	Information Technology	1901GEX02	Engineering Graphics
533.	Information Technology	1901GE201	Engineering Exploration
534.	Information Technology	1901GE254	Computer Hardware and IT Essentials Lab
535.	Information Technology	1901GE252	Engineering Intelligence - II
536.	Information Technology	1901GEX51	CAD Lab
537.	Information Technology	1901GEX53	Basic Electrical and Electronics Engineering Lab
538.	Information Technology	1901PHX51	Engineering Physics Lab
539.	Master of Business Administration	2002BA101	Management concepts and Organizational Behavior
540.	Master of Business Administration	2002BA102	Statistics for Management
541.	Master of Business Administration	2002BA103	Managerial Economics
542.	Master of Business Administration	2002BA104	Accounting for decision making
543.	Master of Business Administration	2002BA105	Legal Aspects of Business
544.	Master of Business Administration	2002BA106	Information Management
545.	Master of Business Administration	2002BA107	Business Communication
546.	Master of Business Administration	2002BA108	Computer Applications for Business
547.	Master of Business Administration	2004BA109	Life Skills I
548.	Master of Business Administration	2002BA201	Operations Management
549.	Master of Business Administration	2002BA202	Financial Management
550.	Master of Business Administration	2002BA203	Marketing Management
551.	Master of Business Administration	2002BA204	Human Resource Management

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	Administration		
552.	Master of Business Administration	2002BA205	Applied Operations Research
553.	Master of Business Administration	2002BA206	Business Research Methods
554.	Master of Business Administration	2002BA207	Data Analysis and Business Modelling
555.	Master of Business Administration	2004BA208	Indian Ethos and Business Ethics
556.	Master of Business Administration	2004BA209	Life Skills II
557.	Master of Business Administration	1702BA301	International Business Management
558.	Master of Business Administration	1702BA302	Strategic Management
559.	Master of Business Administration	1703BA007	Security Analysis and Portfolio Management
560.	Master of Business Administration	1703BA008	Merchant Banking and Financial Services
561.	Master of Business Administration	1703BA010	Corporate Finance
562.	Master of Business Administration	1703BA013	Managerial Behavior and Effectiveness
563.	Master of Business Administration	1703BA016	Industrial Relations & Labour Welfare
564.	Master of Business Administration	1704BA303	Summer Training
565.	Master of Business Administration	1703BA009	International Trade Finance
566.	Master of Business Administration	1703BA014	Entrepreneurship Development
567.	Master of Business Administration	1703BA015	Organisational Theory, Design and Development
568.	Master of Business Administration	1704BA401	Project Work
569.	Master of computer application	2001CA101	Linear Algebra, Probability and Statistics
570.	Master of computer application	2002CA102	Advanced Data structures and Algorithms
571.	Master of computer application	2002CA103	Computer Communications and Networks
572.	Master of computer application	2002CA104	Advanced Databases
573.	Master of computer application	2002CA105	Python Programming
574.	Master of computer	2002CA106	Software Engineering and Project Management

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	application		
575.	Master of computer application	2002CA107	Advanced Data structures and Algorithms Laboratory
576.	Master of computer application	2002CA108	Python Programming Laboratory
577.	Master of computer application	2004CA109	Life Skill I –Verbal Ability
578.	Master of computer application	2002CA201	Advanced Java Programming
579.	Master of computer application	2002CA202	Mobile Technologies
580.	Master of computer application	2002CA203	Data Mining Techniques
581.	Master of computer application	2002CA204	Internet of Things
582.	Master of computer application	2002CA205	Professional Practice and Ethics
583.	Master of computer application	2003CA005	Software Testing((ELECTIVE I)
584.	Master of computer application	2002CA206	Java and Web Programming Laboratory
585.	Master of computer application	2002CA207	Mobile Application Development Lab
586.	Master of computer application	2004CA208	Life Skill II- Aptitude I
587.	Master of computer application	1701CA301	Resource Management Techniques
588.	Master of computer application	1702CA302	Data MiningTechniques
589.	Master of computer application	1702CA303	Object OrientedAnalysis and Design
590.	Master of computer application	1702CA304	Web Programming
591.	Master of computer application	1703CA001	Service Oriented Architecture(Elective I)
592.	Master of computer application	1702CA305	Web ProgrammingLaboratory
593.	Master of computer application	1702CA306	CASE Tools Laboratory
594.	Master of computer application	1704CA307	Technical Seminar andReport Writing
595.	Master of computer application	1704CA308	Life Skill III-Aptitude I
596.	Master of computer application	1702CA401	Advanced JavaProgramming
597.	Master of computer	1702CA402	Cryptography and Network Security

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	application		
598.	Master of computer application	1702CA403	Mobile Computing
599.	Master of computer application	1703CA011	Internet of Things (Elective III)
600.	Master of computer application	1703CA016	Big Data Analytics (Elective III)
601.	Master of computer application	1702CA404	Advanced Java Programming Laboratory
602.	Master of computer application	1702CA405	Mobile Application Development Laboratory
603.	Master of computer application	1704CA406	Soft Skills Development Laboratory
604.	Master of computer application	1704CA407	Life Skill IV-Aptitude II
605.	Master of computer application	1702CA501	Software Testing
606.	Master of computer application	1702CA502	Virtualization and Cloud Computing
607.	Master of computer application	1702CA503	Python Programming
608.	Master of computer application	1703CA024	Intelligent Data Analysis (ELECTIVE IV)
609.	Master of computer application	1703CA026	Human Resources Management (ELECTIVE V)
610.	Master of computer application	1702CA504	Software Testing Laboratory
611.	Master of computer application	1702CA505	Python Programming Laboratory
612.	Master of computer application	1704CA506	Mini Project using .NET
613.	Master of computer application	1704CA507	Life Skill V- Competitive Exam Preparation
614.	Master of computer application	1704CA601	Project Viva Voce
615.	MANUFACTURING ENGINEERING	1701MF101	Advanced Optimization Techniques
616.	MANUFACTURING ENGINEERING	1702MF102	Polymers and Composite Materials
617.	MANUFACTURING ENGINEERING	1702MF103	Materials Testing and Mechanical Characterization
618.	MANUFACTURING ENGINEERING	1702MF104	Industrial Automation and Mechatronics
619.	MANUFACTURING ENGINEERING	1702MF105	Robot Design and Programming
620.	MANUFACTURING	1703MF003	Micro Electro Mechanical Systems and Nano

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

	ENGINEERING		Technology
621.	MANUFACTURING ENGINEERING	1704MF106	CAD/CAM Lab
622.	MANUFACTURING ENGINEERING	1704MF107	Automation and Mechatronics Lab
623.	MANUFACTURING ENGINEERING	1704MF108	Communication Skills Lab I
624.	MANUFACTURING ENGINEERING	1701MF201	Advanced Machining Technology
625.	MANUFACTURING ENGINEERING	1702MF202	Flexible Tooling and Automated Inspection
626.	MANUFACTURING ENGINEERING	1702MF203	Theory of Metal Forming
627.	MANUFACTURING ENGINEERING	1702MF204	Advances in Casting and Welding
628.	MANUFACTURING ENGINEERING	1702MF205	Precision Machining
629.	MANUFACTURING ENGINEERING	1703MF002	Flexible Manufacturing Systems
630.	MANUFACTURING ENGINEERING	1704MF206	Metal Forming Lab
631.	MANUFACTURING ENGINEERING	1704MF207	Technical Seminar
632.	MANUFACTURING ENGINEERING	1704MF208	Communication Skills Lab II
633.	MANUFACTURING ENGINEERING	1703MF011	Elective III - Rapid Prototyping
634.	MANUFACTURING ENGINEERING	1703MF016	Elective IV - Heat Treatment
635.	MANUFACTURING ENGINEERING	1703EV017	Elective V - Industrial Waste Management
636.	MANUFACTURING ENGINEERING	1704MF301	Project Work Phase-I
637.	MANUFACTURING ENGINEERING	170MF401	Project Work (Phase II)
638.	Mechanical Engineering	1901MA104	Engineering Mathematics-I
639.	Mechanical Engineering	1901PH101	Introduction to Mechanics
640.	Mechanical Engineering	1901GEX01	Basic Electrical and Electronics Engineering
641.	Mechanical Engineering	1901GEX02	Engineering Graphics
642.	Mechanical Engineering	1901GEX51	CAD Lab
643.	Mechanical Engineering	1901GEX52	Basic Electrical and Electronics Engineering Lab
644.	Mechanical Engineering	1901PHX51	Engineering Physics Lab
645.	Mechanical Engineering	1901HS151	Communication Skills
646.	Mechanical Engineering	1901MA204	Engineering Mathematics – II
647.	Mechanical Engineering	1901CH203	Materials Chemistry

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648.	Mechanical Engineering	1901GEX03	Programming for Problem Solving
649.	Mechanical Engineering	1901ENX01	English for Engineers
650.	Mechanical Engineering	1901GE201	Engineering Exploration
651.	Mechanical Engineering	1901CHX51	Engineering Chemistry Lab
652.	Mechanical Engineering	1901GE253	Basic Workshop Lab
653.	Mechanical Engineering	1901GEX52	Computer Programming Lab
654.	Mechanical Engineering	1901HSX51	Communication Skill Lab
655.	Mechanical Engineering	1901GE252	Engineering Intelligence - II
656.	Mechanical Engineering	1902ME301	Engineering Mechanics
657.	Mechanical Engineering	1902ME302	Manufacturing Technology I
658.	Mechanical Engineering	1902ME303	Fluid Mechanics & Machines
659.	Mechanical Engineering	1902ME304	Strength of Materials
660.	Mechanical Engineering	1902ME305	Thermodynamics
661.	Mechanical Engineering	1902ME351	Fluid Mechanics & Machines lab
662.	Mechanical Engineering	1902ME352	Strength of Materials lab
663.	Mechanical Engineering	1902ME353	Manufacturing Technology Laboratory - I
664.	Mechanical Engineering	1904GE351	Life Skills: Soft Skills
665.	Mechanical Engineering	1901MCX01	Environmental Science
666.	Mechanical Engineering	1901MA402	Engineering Mathematics III
667.	Mechanical Engineering	1902ME401	Engineering metrology & measurements
668.	Mechanical Engineering	1902ME402	Thermal Engineering
669.	Mechanical Engineering	1902ME403	Manufacturing Technology II
670.	Mechanical Engineering	1901ME404	Biology for Engineers
671.	Mechanical Engineering	1902ME451	Thermal Engineering lab
672.	Mechanical Engineering	1902ME452	Manufacturing Technology II lab
673.	Mechanical Engineering	1904GE453	Engineering metrology & measurements lab
674.	Mechanical Engineering	1904GE451	Life Skills: Verbal Ability
675.	Mechanical Engineering	1902MCX02	Constitution of India
676.	Mechanical Engineering	1701MA502	Operations Research
677.	Mechanical Engineering	1702ME501	Heat and Mass Transfer
678.	Mechanical Engineering	1702ME502	Computer Aided Design
679.	Mechanical Engineering	1702ME503	Design of Transmission Systems
680.	Mechanical Engineering	1703ME001	Non - Traditional Machining Processes
681.	Mechanical Engineering	1703ME006	WELDING TECHNOLOGY
682.	Mechanical Engineering	1702ME551	Heat Transfer Laboratory
683.	Mechanical Engineering	1702ME552	Computer Aided Design Laboratory
684.	Mechanical Engineering	1704ME553	Mini Project I (Design and Fabrication)
685.	Mechanical Engineering	1704GE551	Life Skills: Aptitude I
686.	Mechanical Engineering	1701MGX01	Professional Ethics
687.	Mechanical Engineering	1702ME601	Finite Element Analysis
688.	Mechanical Engineering	1702ME602	Gas Dynamics and Jet Propulsion
689.	Mechanical Engineering	1702ME603	Dynamics of Machines
690.	Mechanical Engineering	1703ME007	Process Planning And Cost Estimation
691.	Mechanical Engineering	1703ME026	Safety Engineering
692.	Mechanical Engineering	1702ME651	Dynamics of Machines Laboratory

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693.	Mechanical Engineering	1702ME652	Computer Aided Analysis Laboratory
694.	Mechanical Engineering	1704ME653	Mini Project II
695.	Mechanical Engineering	1704ME654	Industrial Visit Presentation
696.	Mechanical Engineering	1704GE651	Life Skills: Aptitude II
697.	Mechanical Engineering	1702ME701	Automobile Engineering
698.	Mechanical Engineering	1702ME702	Mechatronics
699.	Mechanical Engineering	1702ME703	Computer Aided Manufacturing
700.	Mechanical Engineering	1701MGX02	Industrial Economics
701.	Mechanical Engineering	1703ME018	Power Plant Engineering
702.	Mechanical Engineering	1703ME011	Industrial Robotics
703.	Mechanical Engineering	1702ME751	Mechatronics Laboratory
704.	Mechanical Engineering	1702ME752	Computer Aided Manufacturing Laboratory
705.	Mechanical Engineering	1704ME753	Mini Project III (Simulation and analysis)
706.	Mechanical Engineering	1704ME754	In-Plant Training/Internship Presentation
707.	Mechanical Engineering	1704GE751	Life Skills : Competitive Exams Preparation
708.	Mechanical Engineering	1703ME015	Computer Integrated Manufacturing
709.	Mechanical Engineering	1703MG001	Total Quality Management
710.	Mechanical Engineering	1703ME014	Design Of Jigs, Fixtures And Press Tools
711.	Mechanical Engineering	1704ME851	Project Viva Voce
712.	Mechanical Engineering	1901MA204	Engineering Mathematics – II(Calculus, Ordinary Differential Equations and Complex Variable)

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*[Signature]*  
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