



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

1.1 List of courses offered across all programs during last five years

Academic Year 2018-19

S.No	Program code	Program Name	Course code	Course Name	Sem	Year of introduction
COMMON COURSES						
1	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	HS8151	Communicative English	1	2017
2	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	MA8151	Engineering Mathematics I	1	2017
3	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	PH8151	Engineering Physics	1	2017
4	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	CY8151	Engineering Chemistry	1	2017
5	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	GE8151	Problem Solving and Python Programming	1	2017
6	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	GE8152	Engineering Graphics	1	2017
7	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	HS8251	Technical English	2	2017
8	103, 104, 105, 106, 114, 205	CIVIL,CSE, EEE, ECE, MECH & IT	MA8251	Engineering Mathematics - II	2	2017
9	104, 205	UG - CSE & IT	PH8252	Physics for Information Science	2	2017
10	105, 106	UG - EEE & ECE	PH8253	Physics for electronics engineering	2	2017
11	104, 205	UG - CSE & IT	BE8255	Basic Electrical, Electronics and Measurement, Engineering	2	2017
12	103, 104, 105, 106, 114, 205, 145	CIVIL,CSE, EEE, ECE, MECH & IT, MSE	GE8291	Environmental Science and Engineering	2, 4	2017

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

13	103, 114	UG - CIVIL & MECH	GE8292	Engineering Mechanics	2	2017
14	104, 205	UG - CSE & IT	CS8251	Programming in C	2	2017
15	114	UG- MECH	BE8261	Basic Electrical, Electronics and Measurement, Engineering	2	2017
16	104, 105, 106, 114, 145, 205	UG - CSE, EEE, ECE, MECH, MSE & IT	GE6757	Total Quality Management	8	2013
17	104,105, 114, 205	UG - CSE, EEE, MECH & IT	GE6075	Professional Ethics In Engineering - Elective	8	2017
18	103, 105, 114, 145	UG - CIVIL, EEE, MECH & MS	MA8353	Transforms and Partial Differential Equation	3	2017
19	114	UG-MECH	CE8394	Fluid Mechanics and Machinery	3	2017
20	114	UG-MECH	ME8351	Manufacturing Technology - I	3	2017
21	103, 105	UG - CIVIL, EEE	MA8491	Numerical Methods	4	2017
22	105, 114	UG - EEE, MECH	ME8792, ME6701	Power plant Engineering	3,7	2017, 2013
23	104, 205	UG - CSE & IT	MA8351	Discrete Mathematics	3	2017
24	104, 205	UG - CSE & IT	CS8351	Digital Principles and System Design	3	2017
25	104, 205	UG - CSE & IT	CS8391	Data Structures	3	2017
26	104, 205	UG - CSE & IT	CS8392	Object Oriented Programming	3	2017

PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

27	145, 114	UG- MS, MECH	CE8395	Strength of Materials for Mechanical Engineers	3, 4	2017
28	104, 205	UG - CSE &IT	CS8491	Computer Architecture	4	2017
29	104, 205	UG - CSE &IT	CS8492	Database Management Systems	4	2017
30	104, 205	UG - CSE &IT	CS8451	Design and Analysis of algorithm	4	2017
31	104, 205	UG - CSE &IT	CS8493	Operating Systems	4	2017
32	104, 205	UG - CSE &IT	CS8494	Software Engineering	4,5	2017
33	106, 104, 205	UG - ECE, CSE & IT	CS6551	Computer Networks	4, 6	2013
34	104, 205	UG - CSE-IT	IT6502	Digital Signal Processing	6	2013
35	104, 106, 205	UG - CSE, ECE & IT	CS6303	Computer Architecture	6	2013
36	104, 205	UG - CSE & IT	CS6502	Object Oriented Analysis and Design	5	2013
37	104, 205	UG - CSE & IT	CS6601	Distributed Systems	6	2013
38	104, 205	UG - CSE & IT	IT6601	Mobile Computing	6	2013
39	104, 205	UG - CSE & IT	CS6659	Artificial Intelligence	6	2013
40	104, 205	UG - CSE & IT	CS6660	Compiler Design	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

41	104, 205	UG - CSE & IT	CS6701	Cryptography and Network Security	7	2013
42	104, 205	UG - CSE & IT	CS6703	Grid and cloud Computing	7	2013
43	106, 205	UG - ECE & IT	EC6801	Wireless Communication	8	2013
44	104, 205	UG-CSE& IT	CS6003	Ad hoc and Sensor Networks - Elective II	7	2013
45	104 , 205	UG-CSE& IT	CS6008	Human Computer Interaction - Elective IV	8	2013
B.E AERONAUTICAL ENGINEERING						
46	101	UG-AE	AE6501	Flight Dynamics	5	2013
47	101	UG-AE	AE6502	Aircraft Structures - II	5	2013
48	101	UG-AE	AE6503	Aerodynamics - II	5	2013
49	101	UG-AE	AE6504	Propulsion - II	5	2013
50	101	UG-AE	AE6505	Control Engineering	5	2013
51	102	UG-AE	AE6601	Finite Element Methods	6	2013
52	101	UG-AE	AE6602	Vibrations and Elements of Aeroelasticity	6	2013
53	101	UG-AE	AE6603	Composite Materials and Structures	6	2013
54	101	UG-AE	AE6604	Aircraft Materials and Processes	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

55	101	UG-AE	AE6002	Aircraft General Engineering and Maintenance Practices	6	2013
56	101	UG-AE	AE6701	Avionics	7	2013
57	101	UG-AE	ME6014	Computational Fluid Dynamics	7	2013
58	101	UG-AE	AE6702	Experimental Stress Analysis	7	2013
59	101	UG-AE	GE6083	Disaster Management	7	2013
60	101	UG-AE	AE6010	Airframe Maintenance and Repair	7	2013
61	101	UG-AE	AE6801	Wind Tunnel Techniques	8	2013
62	101	UG-AE	AE6015	Rockets and Missiles - Elective	8	2013
B.E CIVIL ENGINEERING						
63	103	UG-CIVIL	PH8201	Physics for Civil engineering	2	2017
64	103	UG-CIVIL	BE8251	Basic electrical and electronics Engineering	2	2017
65	103	UG-CIVIL	CE8301	strength of material I	3	2017
66	103	UG-CIVIL	CE8302	fluid mechanics	3	2017
67	103	UG-CIVIL	CE8351	Surveying	3	2017
68	103	UG-CIVIL	CE8391	Construction Materials	3	2017

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

69	103	UG-CIVIL	CE8392	Engineering Geology	3	2017
70	103	UG-CIVIL	CE8401	Construction Techniques And Practices	4	2017
71	103	UG-CIVIL	CE8402	Strength of Materials II	4	2017
72	103	UG-CIVIL	CE8403	Applied Hydraulic Engineering	4	2017
73	103	UG-CIVIL	CE8404	Concrete Technology	4	2017
74	103	UG-CIVIL	CE8491	Soil Mechanics	4	2017
75	103	UG-CIVIL	CE6501	Structural Analysis I	5	2013
76	103	UG-CIVIL	CE6502	Foundation Engineering	5	2013
77	103	UG-CIVIL	CE6503	Environmental Engineering I	5	2013
78	103	UG-CIVIL	CE6504	Highway Engineering	5	2013
79	103	UG-CIVIL	CE6505	Design of Reinforced Concrete Elements	5	2013
80	103	UG-CIVIL	CE6506	Construction Techniques, Equipment and Practice	5	2013
81	103	UG-CIVIL	CE6601	Design of Reinforced Concrete & Brick Masonry Structures	6	2013
82	103	UG-CIVIL	CE6602	Structural Analysis II	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

83	103	UG-CIVIL	CE6603	Design of Steel Structures	6	2013
84	103	UG-CIVIL	CE6604	Railways, Airports and Harbour Engineering	6	2013
85	103	UG-CIVIL	CE6605	Environmental Engineering II	6	2013
86	103	UG-CIVIL	CE6002	Concrete Technology - ELECTIVE	6	2013
87	103	UG-CIVIL	CE6611	Environmental Engineering	6	2013
88	103	UG-CIVIL	CE6701	Structural Dynamics and Earthquake Engineering	7	2013
89	103	UG-CIVIL	CE6702	Prestressed Concrete Structures	7	2013
90	103	UG-CIVIL	CE6703	Water Resources and Irrigation Engineering	7	2013
91	103	UG-CIVIL	CE6704	Estimation and Quantity Surveying	7	2013
92	103	UG-CIVIL	CE6006	Traffic Engineering and Management - Elective	7	2013
93	103	UG-CIVIL	EN6501	Municipal Solid Waste Management - Elective III	7	2013
94	103	UG-CIVIL	CE6016	Prefabricated Structures - Elective	8	2013
95	103	UG-CIVIL	CE6021	Repair and Rehabilitation of Structures -Elective	8	2013
B.E COMPUTER SCIENCE AND ENGINEERING						
96	104	UC-CSE	EC8395	Communication Engineering	3	2017

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

97	104	UC-CSE	MA8402	Probability and Queuing theory	4	2017
98	104	UG-CSE	MA6566	Discrete Mathematics	5	2013
99	104	UG-CSE	CS6501	Internet Programming	5	2013
100	104	UG-CSE	CS6503	Theory of Computation	5	2013
101	104	UG-CSE	CS6504	Computer Graphics	5	2013
102	104	UG-CSE	CS6007	Information Retrieval - Elective III	7	2013
103	104	UG-CSE	CS6702	Graph Theory and Applications	7	2013
104	104	UG-CSE	CS6704	Resource Management Techniques	7	2013
105	104	UG-CSE	CS6801	Multi-Core Architectures and Programming	8	2013
B.E ELECTRICAL AND ELECTRONICS ENGINEERING						
106	105	UG-EEE	EE8251	Circuit Theory	2	2017
107	105	UG-EEE	BE8252	Basic Civil and Mechanical Engineering	2	2017
108	105	UG-EEE	EE8351	Digital Logic Circuits	3	2017
109	105	UG-EEE	EE8391	Electromagnetic Theory	3	2017
110	105	UG-EEE	EE8301	Electrical Machines - I	3	2017

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

111	105	UG-EEE	EC8353	Electron Devices and Circuits	3	2017
112	105	UG-EEE	EE8401	Electrical Machines - II	4	2017
113	105	UG-EEE	EE8402	Transmission and distribution	4	2017
114	105	UG-EEE	EE8403	Measurements and Instrumentation	4	2017
115	105	UG-EEE	EE8451	Linear Integrated circuits and applications	4	2017
116	105	UG-EEE	IC8451	Control Systems	4	2017
117	105	UG-EEE	EE6501	Power System Analysis	5	2013
118	105	UG-EEE	EE6502	Microprocessors and Microcontrollers	5	2013
119	105	UG-EEE	EE6503	Power Electronics	5	2013
120	105	UG-EEE	EE6504	Electrical Machines - II	5	2013
121	105	UG-EEE	IC6501	Control Systems	5	2013
122	105	UG-EEE	EC6651	Communication Engineering	6	2013
123	105	UG-EEE	EE6601	Solid State Drives	6	2013
124	105	UG-EEE	EE6602	Embedded Systems	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-503 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

125	105	UG-EEE	EE6603	Power System Operation and Control	6	2013
126	105	UG-EEE	EE6604	Design of Electrical Machines	6	2013
127	105	UG-EEE	EE6002	Power System Transients (Elective - I)	6	2013
128	105	UG-EEE	EE6701	High Voltage Engineering	7	2013
129	105	UG-EEE	EE6702	Protection and Switchgear	7	2013
130	105	UG-EEE	EE6703	Special Electrical Machines	7	2013
131	105	UG-EEE	EE6005	Power Quality (Elective – II)	7	2013
132	105	UG-EEE	EE6008	Microcontroller Based System Design (Elective – III)	7	2013
133	105	UG-EEE	EE6801	Electric Energy Generation, Utilization and Conservation	8	2013
134	105	UG-EEE	EE6009	Power Electronics for Renewable Energy Systems (E – IV)	8	2013
B.E ELECTRONICS AND COMMUNICATION ENGINEERING						
135	106	UG-ECE	EC8252	Electronic Devices	2	2017
136	106	UG-ECE	EC8251	Circuit Analysis	2	2017
137	106	UG-ECE	BE8254	Basic Electrical and Instrumentation Engineering	2	2017
138	106	UG-ECE	MA8352	Linear Algebra and Partial Differential Equation	3	2017


PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

139	106	UG-ECE	EC8393	Fundamentals of Data Structures In C	3	2017
140	106	UG-ECE	EC8351	Electronic Circuits- I	3	2017
141	106	UG-ECE	EC8352	Signals and Systems	3	2017
142	106	UG-ECE	EC8392	Digital Electronics	3	2017
143	106	UG-ECE	EC8391	Control Systems engineering	3	2017
144	106	UG-ECE	MA8451	Probability and Random process	4	2017
145	106	UG-ECE	EC8452	Electronic Circuits II	4	2017
146	106	UG-ECE	EC8491	Communication Theory	4	2017
147	106	UG-ECE	EC8451	Electromagnetic Fields	4	2017
148	106	UG-ECE	EC8453	Linear Integrated Circuits	4	2017
149	106	UG-ECE	EC6501	Digital Communication	5	2013
150	106	UG-ECE	EC6502	Principles of Digital Signal Processing	5	2013
151	106	UG-ECE	EC6503	Transmission Lines and Wave Guides	5	2013
152	106	UG-ECE	EC6601	Vlsi Design	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

153	106	UG-ECE	EC6602	Antenna And Wave Propagation	6	2013
154	106	UG-ECE	EC6001	Medical electronics ELECTICE I	6	2013
155	106	UG-ECE	EC6701	RF and Microwave Engineering	7	2013
156	106	UG-ECE	EC6702	Optical Communication and Networks	7	2013
157	106	UG-ECE	EC6703	Embedded and Real Time Systems	7	2013
158	106	UG-ECE	IT6005	Digital Image Processing - ELECTIVE II	7	2013
159	106	UG-ECE	EC6007	Speech Processing - ELECTIVE III	7	2013
160	106	UG-ECE	EC6015	Radar and Navigational Aids - ELECTIVE IV	7	2013
161	106	UG-ECE	EC6801	Wireless Communication	8	2013
162	106	UG-ECE	EC6802	Wireless Networks	8	2013
163	106	UG-ECE	EC6018	Multimedia Compression And Communication Elective V	8	2013
B.E MECHANICAL ENGINEERING						
164	114	UG-MECH	PH8251	Material science	2	2017
165	114	UG-MECH	BE8253	Basic Electrical, Electronics, and Instrumentation Engineering	2	2017
166	114	UG-MECH	ME8391	Engineering Thermodynamics	3	2017

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

167	114	UG-MECH	CE8394	Fluid Mechanics and Machinery	3	2017
168	114	UG-MECH	ME8351	Manufacturing Technology - I	3	2017
169	114	UG-MECH	EE8353	Electrical Drives and Controls	3	2017
170	114	UG-MECH	ME8381	Computer Aided Machine Drawing	3	2017
171	114	UG-MECH	MA8452	Statistics and Numerical Methods	4	2017
172	114	UG-MECH	ME8492	Kinematics of Machinery	4	2017
173	114	UG-MECH	ME8451	Manufacturing Technology - II	4	2017
174	114	UG-MECH	ME8491	Engineering Metallurgy	4	2017
175	114	UG-MECH	ME8493	Thermal Engineering-I	4	2017
176	114	UG-MECH	ME6501	Computer Aided Design	5	2013
177	114	UG-MECH	ME6502	Heat and Mass Transfer	5	2013
178	114	UG-MECH	ME6503	Design of Machine Elements	5	2013
179	114	UG-MECH	ME6505	Dynamics of Machines	5	2013
180	114	UG-MECH	ME6601	Design of Transmission Systems	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

181	114	UG-MECH	ME6602	Automobile Engineering	6	2013
182	114	UG-MECH	ME6603	Finite Element Analysis	6	2013
183	114	UG-MECH	ME6604	Gas Dynamics and Jet Propulsion	6	2013
184	114	UG-MECH	ME6004	UCMP ELECTICE I	6	2013
185	114	UG-MECH	ME6702	Mechatronics	7	2013
186	114	UG-MECH	ME6703	Computer Integrated Manufacturing Systems	7	2013
187	114	UG-MECH	ME6008	Welding Technology Elective II	7	2013
188	114	UG-MECH	ME6012	Maintenance Engineering Elective III	7	2013
189	114	UG-MECH	MG6863	Engineering Economics	8	2013
190	114	UG-MECH	IE6605	Production Planning & Control Elective IV	8	2013
191	114	UG-MECH	ME6019	Non-Destructive Testing and Materials Elective V	8	2013
B.E MATERIAL SCIENCE AND ENGINEERING						
192	145	UG-MSE	ML8301	Casting and Machining Processes	3	2017
193	145	UG-MSE	ML8302	Thermodynamics and Kinetics of Materials	3	2017
194	145	UG-MSE	ML8303	Materials Structure and Properties	3	2017


PRINCIPAL
 MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
 34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
 Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

195	145	UG-MSE	ML8304	Processing of Iron and Steel	3	2017
196	145	UG-MSE	ML8401	Mechanical Behaviour of Materials	4	2017
197	145	UG-MSE	ML8402	Corrosion and Surface Engineering	4	2017
198	145	UG-MSE	ML8403	Non-Ferrous Metallurgy	4	2017
199	145	UG-MSE	ML8491	Powder Metallurgy	4	2017
200	145	UG-MSE	ML8404	Physical Metallurgy	4	2017
201	145	UG-MSE	ML6501	Theory and Applications of Metal Forming	5	2013
202	145	UG-MSE	ML6502	Material Aspects in Design	5	2013
203	145	UG-MSE	ML6503	Characterization of Materials	5	2013
204	145	UG-MSE	ML6504	Heat Treatment of Metals and Alloys	5	2013
205	145	UG-MSE	ML6505	Welding Metallurgy	5	2013
206	145	UG-MSE	ML6506	Corrosion and Surface Engineering	5	2013
207	145	UG-MSE	ML6601	Polymer Process Engineering	6	2013
208	145	UG-MSE	ML6602	Creep and Fatigue Behavior of Materials	6	2013

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

209	145	UG-MSE	ML6603	Composite Materials	6	2013
210	145	UG-MSE	ML6701	Computer Applications in Materials Science	7	2013
211	145	UG-MSE	ML6702	Non Destructive Materials Evaluation	7	2013
212	145	UG-MSE	ML6703	Nanostructured Materials	7	2013
213	145	UG-MSE	ML6006	Ceramics and Refractory Materials	7	2013
214	145	UG-MSE	ML6010	Fuel, Furnaces and Refractories	7	2013
215	145	UG-MSE	MG6091	Industrial Management	6	2013
216	145	UG-MSE	ML6001	Modern Manufacturing Process	6	2013
217	145	UG-MSE	ML6013	Engineering Economics and Cost Estimation	8	2013
218	145	UG-MSE	ML6016	Energy Storage Devices and Fuel Cells	8	2013
B.TECH INFORMATION TECHNOLOGY						
219	205	UG-IT	IT8201	Information Technology Essentials	2	2017
220	205	UG-IT	EC8394	Analog and Digital Communication	3	2017
221	205	UG-IT	MA8391	Probability and Statistics -	3	2017
222	205	UG-IT	IT6501	Graphics and Multimedia	5	2013


PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
 34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
 Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

223	205	UG-IT	IT6503	Web Programming	5	2013
224	205	UG-IT	IT6602	Software Architectures	6	2013
225	205	UG-IT	IT6701	Information Management	7	2013
226	205	UG-IT	IT6702	Data Ware Housing and Data Mining	7	2013
227	205	UG-IT	IT6004	Software Testing Elective I	7	2013
228	205	UG-IT	MG6088	Software Project Management Elective V	8	2013
229	205	UG-IT	IT6010	Business Intelligence Elective IV	8	2013
230	205	UG-IT	IT6801	Service Oriented Architecture	8	2013
M.E STRUCTURAL ENGINEERING						
231	413	M.E - STRUCTURAL	MA5151	Advanced Mathematical Methods	1	2017
232	413	M.E - STRUCTURAL	ST5101	Advanced Concrete Structures	1	2017
233	413	M.E - STRUCTURAL	ST5102	Dynamics of Structures	1	2017
234	413	M.E - STRUCTURAL	ST5103	Theory of Elasticity and Plasticity	1	2017
235	413	M.E - STRUCTURAL	ST5001	Maintenance and Rehabilitation of Structures	1	2017
236	413	M.E - STRUCTURAL	ST5002	Prefabricated Structures	1	2017

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

237	413	M.E - STRUCTURAL	ST5201	Advanced Steel Structures	2	2017
238	413	M.E - STRUCTURAL	ST5202	Stability of Structures	2	2017
239	413	M.E - STRUCTURAL	ST5203	Experimental Techniques	2	2017
240	413	M.E - STRUCTURAL	ST5204	Finite Element Analysis of Structures	2	2017
241	413	M.E - STRUCTURAL	ST5008	Industrial Structures	2	2017
242	413	M.E - STRUCTURAL	ST5009	Pre-stressed Concrete	2	2017
243	413	M.E - STRUCTURAL	ST5301	Earthquake Analysis and Design of Structures	3	2017
244	413	M.E - STRUCTURAL	ST5014	Design of Steel Concrete Composite Structures	3	2017
245	413	M.E - STRUCTURAL	ST5015	Design of Bridges	3	2017
M.E THERMAL ENGINEERING						
246	414	M.E- Thermal Engineering	MA5153	Advanced Numerical Methods	1	2017
247	414	M.E- Thermal Engineering	TE5151	Advanced Heat Transfer	1	2017
248	414	M.E- Thermal Engineering	TE5101	Advanced Thermodynamics	1	2017
249	414	M.E- Thermal Engineering	TE5102	Advanced Fluid Mechanics	1	2017
250	414	M.E- Thermal Engineering	EY5071	Hydrogen and Fuel Cell Technologies - E1	1	2017

(Handwritten Signature)

PRINCIPAL

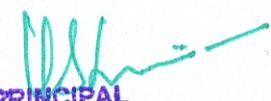
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

251	414	M.E- Thermal Engineering	EY515	Energy Resources - E2	1	2017
252	414	M.E- Thermal Engineering	TE5201	Instrumentation for Thermal Engineering	2	2017
253	414	M.E- Thermal Engineering	TE5291	Environmental Engineering and Pollution Control	2	2017
254	414	M.E- Thermal Engineering	TE5202	Fuels and Combustion	2	2017
255	414	M.E- Thermal Engineering	EY5091	Nuclear Engineering - E3	2	2017
256	414	M.E- Thermal Engineering	IC5091	Automobile Engineering - E4	2	2017
257	414	M.E- Thermal Engineering	IC5251	Alternative Fuels for IC Engines - E5	2	2017
258	414	M.E- Thermal Engineering	TE5301	Design and Optimization of Thermal Energy Systems	3	2017
259	414	M.E- Thermal Engineering	TE5010	Cogeneration and Waste Heat Recovery Systems	3	2017
260	414	M.E- Thermal Engineering	TE5074	Advanced Power Plant Engineering	3	2017
M.E VLSI DESIGN						
261	419	M.E - VLSI DESIGN	MA5152	Applied Mathematics for Electronics Engineers	1	2017
262	419	M.E - VLSI DESIGN	AP5151	Advanced Digital System Design	1	2017
263	419	M.E - VLSI DESIGN	VL5101	CMOS Digital VLSI Design	1	2017
264	419	M.E - VLSI DESIGN	VL5191	DSP Integrated Circuits	1	2017


PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
 34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
 Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.

265	419	M.E - VLSI DESIGN	VL5102	CAD for VLSI Circuits	1	2017
266	419	M.E - VLSI DESIGN	VL5103	Analog IC Design	1	2017
267	419	M.E - VLSI DESIGN	VL5201	Testing of VLSI Circuits	2	2017
268	419	M.E - VLSI DESIGN	VL5291	VLSI Signal Processing	2	2017
269	419	M.E - VLSI DESIGN	VL5202	Low Power VLSI Design	2	2017
270	419	M.E - VLSI DESIGN	VL5001	Device Modeling - I - E1	2	2017
271	419	M.E - VLSI DESIGN	VL5005	Networks on Chip	2	2017
272	419	M.E - VLSI DESIGN	AP5191	Embedded System Design	2	2017
273	419	M.E - VLSI DESIGN	VL5301	Analog to Digital Interfaces	3	2017
274	419	M.E - VLSI DESIGN	AP5292	Digital Image Processing	3	2017
275	419	M.E - VLSI DESIGN	AP5291	Hardware – Software Co-Design	3	2017

PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.