



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CO ATTAINMENT TABLE (Batch: 2014-2018)

S. No	Code	Name of the Subject	No. of Students appeared	No. of Students passed	Pass Percent	CO - Attainment
1.	C101	Mathematics – I	73	59	80.82	3
2.	C102	Physics	73	73	100.00	3
3.	C103	Chemistry	73	63	86.30	3
4.	C104	Basic Civil and Mechanical Engineering	73	72	98.63	3
5.	C105	Engineering Mechanics	73	60	82.19	3
6.	C106	Communicative English	73	73	100.00	3
7.	C107(P)	Physics Laboratory	73	73	100.00	3
8.	C108(P)	Chemistry Laboratory	73	73	100.00	3
9.	C109(P)	Workshop Practice	73	72	98.63	3
10.	C110	Mathematics – II	73	66	90.41	3
11.	C111	Material Science	73	70	95.89	3
12.	C112	Environmental Science	73	68	93.15	3
13.	C113	Basic Electrical and Electronics Engineering	73	64	87.67	3
14.	C114	Engineering Thermodynamics	73	66	90.41	3
15.	C115	Computer Programming	73	57	78.08	3
16.	C116(P)	Computer Programming Laboratory	73	73	100.00	3
17.	C117(P)	Engineering Graphics	73	72	98.63	3
18.	C118(P)	Basic Electrical & Electronics Laboratory	73	71	97.26	3
19.	C119(P)	NSS / NCC	73	73	100.00	3
20.	C201	Mathematics –III	85	62	72.94	3
21.	C202	Electrical Engineering	84	63	75.00	3
22.	C203	Data Structures and Object Oriented Programming	85	63	74.12	3
23.	C204	Electronic Devices and Circuits	85	69	81.18	3
24.	C205	Circuit Theory	85	56	65.88	2

25.	C206	Engineering Electromagnetics	84	68	80.95	3
26.	C207(P)	Electrical Engineering Laboratory	85	85	100.00	3
27.	C208(P)	Data Structures and Object Oriented Programming Laboratory	85	85	100.00	3
28.	C209(P)	Electronic Devices and Circuits Laboratory	85	85	100.00	3
29.	C210	Mathematics-IV	85	70	82.35	3
30.	C211	Electronic Circuits and Analysis	85	67	78.82	3
31.	C212	Signals and Systems	85	78	91.76	3
32.	C213	Linear and Digital Control Systems	85	56	65.88	2
33.	C214	Digital Circuits	85	60	70.59	3
34.	C215	Electronic Communication Systems	85	79	92.94	3
35.	C216(P)	Electronic Circuits Design Laboratory	85	85	100.00	3
36.	C217(P)	Digital Circuits Laboratory	85	82	96.47	3
37.	C218(P)	Communication Laboratory-I	85	85	100.00	3
38.	C219(P)	Physical Education	85	85	100.00	3
39.	C301	Probability and Random Processes	85	60	70.59	3
40.	C302	Data communication Networks	85	82	96.47	3
41.	C303	Microprocessors and Microcontrollers	85	78	91.76	3
42.	C304	System Design using Integrated Circuits	85	74	87.06	3
43.	C305	Transmission Lines and Waveguides	85	73	85.88	3
44.	C306	Consumer Electronics	85	85	100.00	3
45.	C307(P)	Microprocessor and Microcontroller Laboratory	85	85	100.00	3
46.	C308(P)	System Design using Integrated Circuits Laboratory	85	85	100.00	3
47.	C309(P)	Networks and Transmission Lines Laboratory	85	81	95.29	3
48.	C310(P)	General Proficiency – I	85	85	100.00	3
49.	C311	Digital Communication	85	84	98.82	3

50.	C312	Wireless Communication	85	83	97.65	3
51.	C313	Digital Signal Processing	85	79	92.94	3
52.	C314	Antennas and Wave Propagation	85	73	85.88	3
53.	C315	VLSI Design	85	73	85.88	3
54.	C316(P)	Communication Laboratory- II	85	85	100.00	3
55.	C317(P)	Computer Networks Laboratory	85	85	100.00	3
56.	C318(P)	Digital Signal Processing Laboratory	85	85	100.00	3
57.	C319(P)	General Proficiency – II	85	85	100.00	3
58.	C401	Microwave and Optical Engineering	85	83	97.65	3
59.	C402	Embedded Systems	85	85	100.00	3
60.	C403	Digital Image Processing	85	80	94.12	3
61.	C404	Medical Electronics	85	84	98.82	3
62.	C405(P)	Communication Laboratory- III	85	85	100.00	3
63.	C406(P)	Embedded Systems Laboratory	85	85	100.00	3
64.	C407(P)	Seminar	85	85	100.00	3
65.	C408(P)	Industrial Visit/Training	85	85	100.00	3
66.	C409(P)	Project Work-I	85	85	100.00	3
67.	C410	Professional Ethics	85	85	100.00	3
68.	C411	Industrial Management & Engineering Economics	85	83	97.65	3
69.	C412	Satellite Communication Systems	85	80	94.12	3
70.	C413	Cellular Mobile Communication	85	83	97.65	3
71.	C414(P)	Advanced Communication Laboratory	85	85	100.00	3
72.	C415(P)	Comprehensive Viva	85	85	100.00	3
73.	C416(P)	Project Work-II	85	85	100.00	3



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF PROGRAM OUTCOMES

Programme: B.Tech. - ECE

ACADEMIC BATCH: 2014-2018

REGULATION: 2013[illegible]

FOURTH SEMESTER

C210	M-IV	3	3	3	3	-	-	3	3	3	3
C211	ECA	3	3	3	3	-	-	-	-	3	3
C212	SS	3	3	3	3	-	-	-	-	3	3
C213	LDCS	2	2	2	2	-	-	-	-	2	2
C214	DC	3	3	3	3	-	-	-	-	-	3
C215	ECS	3	3	3	3	-	-	-	-	-	3
C216	ECD LAB	3	3	3	3	3	3	3	3	3	3
C217	DC LAB	3	3	3	3	3	3	3	3	3	3
C218	Com-I LAB	3	3	3	3	3	3	3	3	3	3
C219	Phy. Edu	-	-	-	-	-	3	3	-	-	-

FIFTH SEMESTER

[illegible]

SIXTH SEMESTER

[illegible]

SEVENTH SEMESTER

[illegible]

EIGHTH SEMESTER

C410	PE	3	-	-	-	-	-	-	3	3	-	-	3
C411	IMEE	3	-	-	-	-	3	-	3	-	3	3	3
C412	CMC	3	3	3	3	-	-	-	-	-	-	-	-
C413	SCS	3	3	3	3	3	3	3	3	3	3	3	3
C414	AC LAB	3	3	3	3	3	3	3	3	3	3	3	3
C415	CV	3	3	3	3	3	3	3	3	-	3	3	3
C416	PW	3	3	3	3	3	3	3	3	3	3	3	3
PO ATTAINMENT (DIRECT)		2.97	2.97	2.97	2.97	3.00	3.00	3.00	3.00	3.00	3.00	2.98	2.97

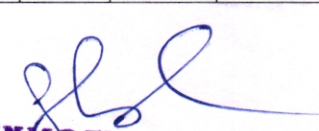
DIRECT ASSESSMENT OF PO

PO' S	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
AVG OF DIRECT ASSESSMENT	2.97	2.97	2.97	2.97	3.00	3.00	3.00	3.00	3.00	3.00	2.98	2.97
WEIGHTAGE OF 80% OF DIRECT PO	2.38	2.38	2.37	2.37	2.40	2.40	2.40	2.40	2.40	2.40	2.38	2.38

INDIRECT ASSESSMENT OF PO

SURVEYs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
COURSE EXIT SURVEY	3	2	3	2	2	2	2	2	3	3	2	2
ALUMNI SURVEY	3	3	3	3	3	3	3	3	3	3	3	3
EMPLOYER SURVEY	3	3	3	3	3	3	3	3	3	3	3	3
AVG OF INDIRECT	3	2.66	3	2.66	2.66	2.66	2.66	2.66	3	3	2.66	2.66
WEIGHTAGE OF 20%	0.6	0.53	0.6	0.53	0.53	0.53	0.53	0.53	0.6	0.6	0.53	0.53




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OVERALL ATTAINMENT OF PO

PO' S	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
(DIRECT 80%)	2.38	2.38	2.37	2.37	2.40	2.40	2.40	2.40	2.40	2.40	2.38	2.38
(INDIRECT 20%)	0.6	0.53	0.6	0.53	0.53	0.53	0.53	0.53	0.6	0.6	0.53	0.53
Total PO Attainment	2.98	2.91	2.97	2.9	2.93	2.93	2.93	2.93	3	3	2.91	2.91
Target	3	3	3	3	3	3	3	3	3	3	3	3




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF PROGRAM SPECIFIC OUTCOMES

Programme: B.Tech. - ECE

ACADEMIC BATCH: 2014-2018

REGULATION: 2013

CODE	SUBJECTS	PSO1	PSO2
FIRST SEMESTER			
C101	Mathematics – I	3	3
C102	Physics	3	3
C103	Chemistry	3	3
C104	Basic Civil and Mechanical Engineering	-	-
C105	Engineering Mechanics	-	-
C106	Communicative English	-	-
C107	Physics lab	3	3
C108	Chemistry lab	3	-
C109	Workshop Practice	-	-
SECOND SEMESTER			
C110	Mathematics – II	3	3
C111	Material Science	3	3
C112	Environmental Science	3	-
C113	Basic Electrical and Electronics Engineering	3	3
C114	Engineering Thermodynamics	-	-
C115	Computer Programming	3	3
C116	Computer Programming Lab	3	3
C117	Engineering Graphics	-	-
C118	Basic Electrical & Electronics Lab	3	3
C119	NSS / NCC	-	-

THIRD SEMESTER			
C201	Mathematics-III	3	3
C202	Electrical Engineering	3	3
C203	Data Structures & Object Oriented Programming	3	-
C204	Electronic Devices and Circuits	3	3
C205	Circuit Theory	2	2
C206	Engineering Electromagnetics	-	3
C207	Electrical Engineering Lab	-	-
C208	Data Structures and Object Oriented Programming Lab	3	-
C209	Electronic Devices and Circuits Laboratory	3	3
FOURTH SEMESTER			
C210	Mathematics-IV	3	3
C211	Electronic Circuits and Analysis	3	3
C212	Signals and Systems	3	3
C213	Linear and Digital Control Systems	2	2
C214	Digital Circuits	3	3
C215	Electronic Communication Systems	3	3
C216	Electronic Circuits Design Laboratory	3	3
C217	Digital Circuits Laboratory	3	3
C218	Communication Laboratory-I	3	3
C219	Physical Education	-	-
FIFTH SEMESTER			
C301	Probability and Random Processes	3	3
C302	Data Communication Networks	3	3
C303	Microprocessors and Microcontrollers	3	3
C304	System Design using Integrated Circuits	3	3
C305	Transmission Lines and Waveguides	3	3
C306	Consumer Electronics	3	3
C307	Microprocessor and Microcontroller Laboratory	3	3
C308	System Design using ICs Laboratory	3	3

C309	Networks and Transmission Lines Laboratory	3	3
C310	General Proficiency – I	-	-
SIXTH SEMESTER			
C311	Digital Communication	3	3
C312	Wireless Communication	3	3
C313	Digital Signal Processing	3	3
C314	Antennas and Wave Propagation	3	3
C315	VLSI Design	3	3
C316	Communication Lab – II	3	3
C317	Computer Networks Lab	3	3
C318	Microprocessor and Microcontroller Lab	3	3
C319	General Proficiency – II	-	-
SEVENTH SEMESTER			
C401	Microwave and Optical Engineering	-	3
C402	Embedded Systems	3	3
C403	Digital Image Processing	3	3
C404	Medical Electronics	3	-
C405	Communication Lab - III	3	3
C406	Embedded Systems Lab	3	3
C407	Seminar	3	3
C408	Training /Industrial Visit	3	3
C409	Project work-I	3	3
EIGHTH SEMESTER			
C410	Professional Ethics	-	-
C411	Industrial Management and Engineering Economics	-	-
C412	Cellular Mobile Communication	3	3
C413	Satellite Communication System	3	3
C414	Advanced Communication Lab	3	3
C415	Comprehensive Viva	3	3
C416	Project Work-II	3	3

PSO ATTAINMENT (DIRECT)	2.95	2.95
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DIRECT ASSESSMENT OF PSO		
PSO'S	PSO1	PSO2
AVG OF DIRECT ASSESSMENT	2.95	2.95
(WEIGHTAGE OF 80%)	2.36	2.36

INDIRECT ASSESSMENT OF PSO		
SURVEYs	PSO1	PSO2
COURSE EXIT SURVEY	2	3
ALUMNI SURVEY	3	3
EMPLOYER SURVEY	3	3
AVG OF SURVEYS	2.66	3
(WEIGHTAGE OF 20%)	0.53	0.6

OVERALL ATTAINMENT OF PSO		
PSO'S	PSO1	PSO2
(DIRECT 80%)	2.36	2.36
(INDIRECT 20%)	0.53	0.6
OVERALL PSO ATTAINMENT	2.89	2.96
TARGET	3	3



[Handwritten Signature]

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