

Manakula Vinayagar Institute of Technology
Department of Eelectronics and Communication Engineering
Batch 2019-2023

Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
FIRST SEMESTER															
C101	Mathematics – I	2.42	2.42	2.42	0	0	0	0	0	0	0	0	2.42	0	0
C102	Physics	2.16	2.16	0.72	0	0	0.72	0.58	0	0	0	0	2.16	0	0
C103	Chemistry	2.96	2.96	0	0	0	1.97	0.99	0	0	0	0	1.71	0	0
C104	Basic Civil and Mechanical Engineering	1.48	0	0	0	0	0.24	1.23	0	0	0	0	0.98	0	0
C105	Engineering Mechanics	2.22	2.22	0	2.22	0	0.74	0	0	0	1.48	0	1.48	0	0
C106	Communicative English	0	0	0	0	0	0	0	3	3	3	0	3	0	0
C107	Physics lab	2.44	0	0	2.44	0	2.44	2.44	0	2.44	2.44	0	2.44	0	0
C108	Chemistry lab	2.44	0	0	0	0	2.44	2.44	0	2.44	2.44	0	2.44	0	0
C109	Workshop Practice	0	0	2.44	0	0	0	0	0	0	0	0	0	0	0
C110	Mathematics – II	2.96	2.96	2.96	0	0	0.99	0	0	0	0	0	0	0	0
C111	Material Science	2.17	2.17	0	0	1.44	1.44	0	0	0	0	0	0	0	0
C112	Environmental Science	1.99	0	0	0	2.99	2.99	0	0	0	0	0	0	0	0
C113	Basic Electrical and Electronics Engineering	2.33	1.33	0	2	0	0	0	0	0	0	0	0	0	0
C114	Engineering Thermodynamics	2.22	2.22	0	0	0	0	0	0	0	0	0	0	0	0
C115	Computer Programming	2.58	1.84	1.38	1.98	1.98	0	0.99	0	1.98	0	0	0	0	0
C116	Computer Programming Lab	2.85	2.85	2.85	2.85	2.85	0	0	2.85	0	0	0	0	0	0
C11	Engineering Graphics	2.96	2.96	0	0	0	0	0	0	0	0	0	0	0	0
C118	Basic Electrical & Electronics Lab	2.96	2.96	0	0	2.96	2.96	0	2.96	2.96	0	0	0	0	0
C119	NSS / NCC *	3	0	0	3	3	3	3	3	3	0	0	0	0	0
C201	Mathematics-III	1.36	0.98	2.43	0.44	0	0.55	0	0.87	0.29	1.45	0	1.45	0	0
C202	Electrical Engineering	2.97	0	0	0	0	1.97	0	0.99	0	0.99	2.97	2.97	0	0
C203	Data Structures and Object Oriented Programming	2.81	1.87	0	0	1.87	0	0	0	0	0	0	0.93	0.94	0
C204	Electronic Devices and Circuits	2.93	2.15	1.37	0.98	0	0	0	0	0.98	0	0	0	0.98	0.98
C205	Circuit Theory	2.93	2.15	1.37	0.98	0	0	0	0	0.98	0	0	0	0.98	0.98
C206	Engineering Electromagnetics	2.65	1.75	1.75	0	0.08	0.21	0	0.08	0	0	0	0.87	0	0
C207	Electrical Engineering Lab	2.96	0	0	0	2.96	0	0	0	1.97	1.97	0	0	0	1.97
C208	Data Structures and Object Oriented Programming I	2.3	1.95	1.4	0	2.86	0	0	0	0	2.4	0	0	2.2	0
C209	Electronic Devices and Circuits Lab	2.94	2.45	2.93	2.93	0	0	0	0	0	0	0.96	0.96	2.93	0
C210	Mathematics-IV	2.68	1.25	0	0	0.7	0	0	0	0	0	0	0	0	0
C211	Electronic Circuits and Analysis	2.08	2.08	1.66	2.08	0	0	0	0	0	0	1.5	0.67	2.08	1.79
C212	Signals and Systems	2.71	1.9	0.32	0	0.38	0	0	0.19	0	0.39	0	0.52	0	0
C213	Linear and Digital Control Systems	2.44	2.07	1.04	0	0.18	0	0	0	0	0	0	0	0.94	0
C214	Digital Circuits	2.36	0.98	0.39	0.2	0.59	0	0	0	0	0	0	0	0.19	0.98
C215	Electronic Communication Systems	2.48	0.83	0	0	0.33	0	0	1.17	0	0.18	0.68	0.17	2.48	0.83
C216	Electronic Circuits Design Laboratory	2.93	1.95	0	0	0	0	0	0	0	1.97	0	0	2.95	0
C217	Digital Circuits Laboratory	2.62	1.95	1.58	0	2.86	0	0	0	0	2.67	0	0	2.57	0

C218	Communication Laboratory-I	2.94	1.31	0.97	0	0.49	0	0	0	0	0.65	0	0	1.31	0.32
C301	Probability and Random Processes	2.74	1.83	1.83	1.83	0	0	0	0	0	0.73	0	2.74	0	0
C302	Data Communication Networks	2.5	2	0.56	0	0.73	0	0	0	0.65	0.53	0	0	0	0.17
C303	Microprocessors and Microcontrollers	1.45	1.29	0.65	0	0.32	0	0.32	0	0	0	0	0	0	0
C304	System Design using Integrated Circuits	2.16	1.67	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.83	0.00
C305	Transmission Lines and Waveguides	2.64	1.88	0.08	0	0.17	0	0	0	0.43	0.35	0	0	0	0.08
C306	Consumer Electronics	1.6	1.6	1.03	0	0.18	0	0.34	0	0.18	0.38	0	0.35	0	0
C307	Microprocessor and Microcontroller Lab	2.97	1.28	0.64	0	0.96	0	0	0	0	0.98	0	0	2.89	0
C308	System Design using ICs Laboratory	2.87	0.97	0	0	1.92	0	0	0	0	0.96	0	0	1.92	0
C309	Networks and Transmission Lines Lab	2.96	1.31	0	0	0	0.98	0	0	0	0.98	0	0	0	1.97
C310	General Proficiency -I	0	0	0	0	0	0	0	0	2.31	2.48	0	2.76	0	0
C311	Digital Communication	1.84	0.92	0.55	0	0.73	0	0	0	0	1.84	0	2.77	0	2.77
C312	Wireless Communication	1.58	1.1	0.58	0.32	0.49	0.54	0.51	0.34	0.47	0.54	0.4	0.56	0	0.47
C313	Digital Signal Processing	2.67	1.24	0	0	0.69	0	0	0	0	0	0	0	0	0.35
C314	Antennas and Wave Propagation	2.1	1.14	0.26	0.46	0.38	0	0	0.08	0.46	0	0	0	0.56	1.05
C315	VLSI Design	2.51	0.38	0	0	0.38	0.2	0	0	0.19	0	0	0.77	0.77	0
C316	Communication Lab – II	2.96	1.97	0.49	0	0	0	0	0	0	2.96	0	0	0	2.96
C317	Computer Networks Lab	2.95	1.96	1.96	1.96	2.95	0	0	0	0	0	0.98	0.98	0	1.96
C318	Digital Signal Processing Laboratory	2.96	0	0	0	2.96	0	0	0	1.97	1.97	0	0	0	1.97
C319	General Proficiency – II	0	0	0	0	0	0	0	0	2.39	2.37	0	2.81	0	0
C401	Microwave and Optical Engineering	1.63	1.54	0.76	0	0.36	0	0.36	0.56	0	0	0	0	0	0
C402	Embedded Systems	2.75	1.83	0.39	0	0.35	0	0.35	0	0	0.55	0	0.74	0.37	0
C403	Digital Image Processing	2.73	2.73	2.73	2.73	0	0	0	0	0	0	0	0.91	2.73	2.73
C404	Medical Electronics	1.61	1.45	0.76	0	0.18	0	0.32	0.57	0	0	0	0	0	0
C405	Communication Lab - III	2.93	1.95	0.48	0	0	0	0	0	0	2.93	0	0	0	2.93
C406	Embedded Systems Lab	2.95	1.97	1.97	0	2.95	0	0	0	0	0.99	0	0	2.95	0
C407	Seminar	2.51	2.47	0	0	1.59	0	0	1.63	2.29	2.34	0	1.58	0	0
C408	Training /Industrial Visit	2.82	0	0	0	0	0	2.82	1.91	1.89	1.9	0	2.88	0	0
C409	Project work-I	2.74	2.54	2.26	0	2.19	0	1.93	0	2.54	2.32	2.64	0	0	0
C410	Professional Ethics	0	0	0	0	0	0	0	2.86	0	0	0	0	0	0
C411	Industrial Management and Engineering Economics	2.97	0	0	0	0	1.97	0	0.99	0	0.99	2.97	2.97	0	0
C412	Cellular Mobile Communication	2.19	0.9	0.36	0.18	0.72	0	0	0	0	0	0	0	2.74	0
C413	Satellite Communication System	1.57	0	0	0	0.32	0.57	0	0	0	0	0	0.11	0	1.07
C414	Advanced Communication Lab	2.14	0.71	0	0	0.22	0	0	0.71	0.71	0.71	0	0.71	0	0.71
C415	Comprehensive Viva	2.62	1.65	0	0	0	0	0	0	0	1.57	0	0.79	0	0
C416	Project Work-II	2.62	2.62	2.37	0	2.6	0	2.51	0	2.64	2.71	2.63	2.57	0	0
	Guest Lecture	2.42		2.31	2.47	2.43	0	0	2.42	0	0	2.36	2.34	2.43	2.38
	Workshops	2.49	2.47	2.46	2.58	2.46	0	0	0	0	0	0	0	2.45	2.5
	Mini Projects	3	3	3	3	3	0	0	3	3	3	3	3	3	0
	Value Added Courses	2.51	2.52	2.51	0	2.51	0	0	0	0	0	0	0	2.48	2.5
	Average of PO's	2.34	1.41	0.72	0.41	0.73	0.37	0.29	0.34	0.54	0.78	0.22	0.76	0.50	0.40



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