

Sr. No.	Semster	Code No.	Paper	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	I	ETMA-101	Applied Mathematics-I	2.5	2.5	2.3	2.6	2.6	2.5	-	-	-	-	-	-
2	I	ETPH-103	Applied Physics-I	1.8	1.9	1.8	1.8	1.9	1.7	1.8	2	2	1.8	1.9	1.8
3	I	ETME-105	Manufacturing Processes	3.0	-	-	-	3.0	3.0	-	-	3.0	3.0	3.0	3.0
4	I	ETEE-107	Electrical Technology	3	3	3	3	3	3	3	-	3	-	3	3
5	I	ETHS-109	Human Values and Professional Ethics-I	3	3	3	3	3	3	3	3	3	3	3	3
6	I	ETCS-111	Fundamentals of Computing	1.2	0.8	0	1.5	1.7	3	2	1.5	0	1.8	1.9	1.5
7	I	ETCH-113	Applied Chemistry	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-	3.0	-	3.0	3.0
8	I	ETPH-151	Applied Physics Lab-I	2.8	2.7	2.7	2.8	2.8	2.8	2.8	-	2.8	2.7	2.7	2.7
9	I	ETEE-153	Electrical Technology Lab	3	3	3	3	3	3	3	-	-	3	3	3
10	I	ETME-155	Workshop Practice	3.0	-	-	-	-	3.0	-	3.0	3.0	3.0	-	3.0
11	I	ETME-157	Engineering Graphics Lab	2.3	2.3	2.3	2.3	2.3	2.3	-	-	2.3	2.3	-	2.2
12	I	ETCS-157	Fundamentals of Computing Lab	3	3	3	2.7	2.7	3	2.5	3	3	2.5	2.6	3
13	I	ETCH-161	Applied Chemistry Lab	2.8	2.8	2.8	2.7	2.6	-	2.5	3.0	2.7	3.0	2.8	2.8
14	II	ETMA-102	Applied Mathematics-II	2.2	2.2	2.1	2.3	2.1	2	-	-	-	-	-	-
15	II	ETPH-104	Applied Physics-II	2.1	2	2	2	2	2.2	2.3	2	-	2	2.2	1.9
16	II	ETEC-106	Electronic Devices	2.2	2.2	2.1	2.1	2.1	-	2	-	2.1	2.2	2	2.2
17	II	ETCS-108	Introduction to Programming	1.8	1.9	2	1.9	1.8	1.7	1	1.9	2	2.2	1.7	1.7
18	II	ETME-110	Engineering Mechanics	2.8	2.8	-	2.8	2.8	2.8	-	-	2.8	2.8	2.8	2.8
19	II	ETHS-112	Communication Skills	2	2.1	2.3	2.1	2	2.3	2.2	2.2	2.3	2.3	2.3	2.3
20	II	ETEN-114	Environmental Studies	1.9	1.9	1.9	2.0	1.8	2.0	2.0	-	2.0	-	2.0	2.1
21	II	ETPH-152	Applied Physics Lab-II	3	3	3	3	3	3	3	-	3	3	3	3
22	II	ETCS-154	Programming Lab	2.8	2.6	2.3	2.5	2.4	2.5	-	2.8	-	2	2.6	2.6
23	II	ETEC-156	Electronic Devices Lab	2.5	2.5	2.5	2.3	2.5	-	-	-	2.5	2.5	2.5	2.5
24	II	ETME-158	Engineering Mechanics Lab	3.0	3.0	-	-	3.0	-	-	3.0	3.0	3.0	-	3.0
25	II	ETEN-160	Environmental Studies Lab	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
26	III	ETMA-201	Applied Mathematics – III	2.0	2.0	2.0	2.0	2.0	2.0	-	-	2.0	2.0	2.0	2.0
27	III	ETEC-203	Analog Electronics - I	0.8	0.8	0.8	0.8	0.8	0.8	0.3	0.0	0.8	0.8	0.8	0.8
28	III	ETEC-205	Switching Theory and Logic Design	1.4	1.4	1.4	1.4	1.3	1.6	1.3	2.0	1.3	1.3	1.4	1.4
29	III	ETEC-207	Electronic Instruments and Measurements	1.0	1.0	1.0	1.0	1.0	0.7	1.0	-	0.9	1.0	1.1	0.9
30	III	ETCS-209	Data Structures	1.7	1.7	1.7	1.7	1.7	1.8	1.6	2.0	1.7	1.6	1.6	1.7
31	III	ETEC-211	Signals and Systems	1.3	1.3	1.3	1.4	1.3	1.0	-	-	1.3	1.3	1.0	1.0
32	III	ETEC-251	Analog Electronics Lab	2.7	2.7	2.7	2.6	2.7	2.6	-	2.0	2.6	2.7	2.6	2.6
33	III	ETEC-253	Switching Theory and Logic Design Lab	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.0	2.8	2.8	2.8	2.8
34	III	ETEC-257	Electronic Instruments and Measureme	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
35	III	ETCS-255	Data Structures Lab	1.2	1.2	1.2	1.1	1.1	1.2	1.0	1.0	1.2	1.2	1.2	1.1
36	III	ETEC-259	Signals and Systems Lab	1.0	1.1	1.0	1.0	1.0	1.7	-	-	1.1	1.0	1.0	1.1
37	IV	ETMA 202	Applied Mathematics – IV	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	IV	ETEC 204	Analog Electronics – II	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
39	IV	ETEC 206	Network Analysis and Synthesis	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.1
40	IV	ETEC 208	Communication Systems	1.6	1.6	1.7	1.7	1.6	1.6	1.7	1.5	1.6	1.6	1.7	1.7
41	IV	ETEE 210	Electromagnetic Field Theory	1.5	1.5	1.5	1.5	1.5	1.4	1.6	1.7	1.6	1.4	1.5	1.5
42	IV	ETCS 204	Computer Organization and Architecture	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.2	1.1	1.2
43	IV	ETMA 252	Applied Mathematics Lab	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
44	IV	ETEC 258	Network Analysis and Synthesis Lab	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-	3.0	3.0	3.0	3.0
45	IV	ETEC 256	Communication System Lab	1.4	1.4	1.4	1.4	1.4	1.3	1.3	2.0	1.4	1.5	1.4	1.4

46	IV	ETEC 254	Analog Electronics – II Lab	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
47	IV	ETCS 260	Linux Programming and Administration Lab	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
48	IV	ETSS 250	NCC/NSS	-	-	-	-	-	-	3.0	3.0	3.0	-	-	-	
49	V	ETHS-301	Communication Skills for Professionals	1.2	1.2	1.3	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
50	V	ETEC-303	Digital Communication	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
51	V	ETEC-305	Microprocessors and Microcontrollers	1.7	1.7	1.7	1.7	1.7	1.8	1.7	2.0	1.8	1.6	1.8	1.7	
52	V	ETEL-307	Control Systems	2.2	2.2	2.2	2.2	2.2	2.3	2.0	3.0	2.2	2.3	2.0	2.2	
53	V	ETEC-309	Digital System Design	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
54	V	ETMS-311	Industrial Management	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
55	V	ETHS-351	Communication Skills for Professionals Lab	1.6	1.3	1.4	1.3	1.2	1.5	1.1	1.4	1.3	1.3	1.3	1.3	
56	V	ETEC-351	Digital System Design Lab	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.5	1.8	1.8	1.8	1.8	
57	V	ETEL-355	Control Systems Lab	2.3	2.4	2.3	2.3	2.4	2.3	2.4	-	2.3	2.3	2.4	2.3	
58	V	ETEC-355	Microprocessors and Microcontrollers	1.2	1.2	1.1	1.2	1.1	1.1	1.2	-	1.1	1.2	1.2	1.2	
59	V	ETEC-357	Digital Communication Lab	1.3	1.3	1.3	1.4	1.4	1.5	1.3	1.5	1.3	1.3	1.4	1.3	
60	V	ETEC-359	Industrial training/In-house electronics W/S	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	
61	VI	ETEC 302	Microwave Engineering	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.7	1.3	1.3	-	1.3	
62	VI	ETEC 304	Information Theory and Coding	1.0	1.0	1.0	1.0	1.0	-	-	-	1.0	1.0	-	1.0	
63	VI	ETEC 306	Digital Signal Processing	2.0	2.0	2.0	2.0	2.0	-	-	-	2.0	2.0	-	2.0	
64	VI	ETEC 308	VLSI Design	1.5	1.5	1.5	1.5	1.5	1.7	1.4	1.5	1.9	1.8	1.4	1.5	
65	VI	ETEC 310	Data Communication and Networks	1.7	1.6	1.6	1.6	1.6	-	-	-	1.7	1.7	1.7	1.7	
66	VI	ETEC 314	Antenna and Wave Propagation	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.2	
67	VI	ETEC 352	Microwave Engineering Lab	1.2	1.2	1.2	1.1	1.2	-	-	-	1.2	1.2	1.4	1.2	
68	VI	ETEC 354	VLSI Design Lab	1.3	1.3	1.3	1.4	1.3	-	1.0	-	1.3	1.3	1.3	1.3	
69	VI	ETEC 356	Digital Signal Processing Lab	2.3	2.3	2.3	2.2	2.3	2.0	2.0	2.0	2.3	2.3	2.0	2.3	
70	VI	ETEC 358	Data Communication Network Lab	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
71	VI	ETEC 360	Industrial/In-house Training#	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
72	VII	ETEC-401	Embedded Systems	2.5	2.5	2.5	2.5	2.5	2.5	2.6	-	2.5	2.5	-	2.5	
73	VII	ETEC-403	Optoelectronics and Optical Communication	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0	1.0	-	1.0	
74	VII	ETEC-405	Wireless Communication	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-	3.0	3.0	-	3.0	
75	VII	ETCS-425	Database Management System	1.7	1.6	1.6	1.7	1.6	1.7	1.6	-	1.7	1.7	-	1.7	
76	VII	ETEC-419	Radar and Navigation	1.7	1.7	1.7	1.6	1.6	1.7	1.6	-	1.7	1.7	-	1.7	
77	VII	ETEC-451	Optical and Wireless Communication Lab	1.3	1.3	1.3	1.4	1.3	1.3	1.3	-	1.3	1.3	1.3	1.3	
78	VII	ETEC-453	Embedded System Lab	1.0	1.0	1.0	1.0	1.0	0.9	1.0	-	1.0	1.0	1.0	1.0	
79	VII	ETEC-455	Radar and Navigation	1.7	1.7	1.7	1.6	1.7	1.6	1.7	-	1.7	1.7	1.7	1.7	
80	VII	ETEC-457	Seminar	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
81	VII	ETEC-459	Minor Project+	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
82	VII	ETEC-461	Industrial Training@	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	
83	VIII	ETHS-402	Human Values and Professional Ethics-II	-	-	-	-	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
84	VIII	ETEC-404	Satellite Communication	1.2	1.2	1.0	1.2	1.1	2.0	2.0	-	0.8	0.8	0.7	1.3	
85	VIII	ETEC-406	Ad Hoc and Sensor Networks	2.2	2.1	2.1	2.2	2.2	2.0	2.0	-	2.3	2.2	2.1	2.3	
86	VIII	ETIT-402	Mobile Computing	2.2	2.2	2.2	2.2	2.2	-	-	-	2.2	2.3	-	2.3	
87	VIII	ETEC-428	Next Generation Networks	2.3	2.3	2.4	2.2	2.3	2.5	-	-	2.5	2.4	2.5	3.0	
88	VIII	ETEC-452	Satellite and Antenna Lab	2.0	1.8	1.9	2.0	2.1	-	-	-	1.9	1.9	1.9	1.5	
89	VIII	ETEC-454	Mobile Computing	1.7	2.0	1.4	2.0	1.7	-	-	-	1.7	1.5	1.3	1.8	
90	VIII	ETEC-456	Major Project*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
DIRECT ATTAINMENT				2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0