

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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	I	ETPH-103	Applied Physics-I	1.80	1.90	1.80	1.80	1.80	1.80	1.80	1.80	2.00	1.90	1.90	1.90
3	I	ETME-105	Manufacturing Processes	1.30	1.30	1.30	1.30	1.40	1.30	1.20	1.30	1.30	1.20	1.30	1.30
4	I	ETEE-107	Electrical Technology	1.00	0.90	1.00	1.00	0.90	1.00	0.80	0.90	0.90	1.00	1.00	0.90
5	I	ETHS-109	Human Values and Professional Ethics-I	2.50	2.50	2.50	2.40	2.50	2.30	2.10	2.40	2.60	2.10	2.50	2.50
6	I	ETCS-111	Fundamentals of Computing	1.00	1.00	1.00	0.90	1.00	0.80	0.80	1.00	1.10	0.80	1.00	1.00
7	I	ETCH-113	Applied Chemistry	1.10	1.10	1.20	1.10	1.00	1.00	1.10	-	1.20	-	1.20	1.20
8	I	ETPH-151	Applied Physics Lab-I	2.00	2.00	2.00	2.00	2.00	2.00	2.00	-	2.00	2.00	2.00	2.00
9	I	ETEE-153	Electrical Technology Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
10	I	ETME-155	Workshop Practice	2.00	-	2.00	-	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
11	I	ETME-157	Engineering Graphics Lab	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	-	2.00	2.00	2.00
12	I	ETCS-157	Fundamentals of Computing Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
13	I	ETCH-161	Applied Chemistry Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
14	II	ETMA-102	Applied Mathematics-II	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.30	0.30	0.30	0.30	0.40
15	II	ETPH-104	Applied Physics-II	1.10	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90
16	II	ETEC-106	Electronic Devices	0.80	0.90	0.90	0.90	0.90	0.80	0.80	0.90	0.90	0.90	0.90	0.80
17	II	ETCS-108	Introduction to Programming	1.70	1.80	1.70	1.70	1.60	1.60	1.60	1.60	1.70	1.80	1.70	1.60
18	II	ETME-110	Engineering Mechanics	1.00	1.00	1.00	1.00	1.00	0.90	0.80	1.00	1.10	0.80	1.10	1.10
19	II	ETHS-112	Communication Skills	0.80	0.80	0.80	0.80	0.80	0.80	0.70	0.90	0.90	0.70	0.90	0.90
20	II	ETEN-114	Environmental Studies	0.90	0.90	0.80	0.90	0.80	0.80	0.80	-	0.80	-	0.80	0.90
21	II	ETPH-152	Applied Physics Lab-II	1.50	1.50	1.40	1.60	1.50	1.60	1.40	-	1.50	1.50	1.40	1.50
22	II	ETCS-154	Programming Lab	2.50	2.50	2.60	2.60	2.50	2.50	2.50	2.50	2.80	2.90	2.40	2.50
23	II	ETEC-156	Electronic Devices Lab	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10	0.10	0.20	0.20	0.20
24	II	ETME-158	Engineering Mechanics Lab	2.20	2.20	-	-	2.20	2.20	-	1.00	2.20	2.20	-	2.20
25	II	ETEN-160	Environmental Studies Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
26	III	ETMA-201	Applied Mathematics – III	1.70	1.60	1.60	1.70	1.30	1.80	-	-	1.60	1.60	1.60	1.70
27	III	ETEC-203	Analog Electronics - I	1.30	1.30	1.30	1.40	1.30	1.40	1.70	2.00	1.30	1.30	1.40	1.40
28	III	ETEC-205	Switching Theory and Logic Design	1.60	1.50	1.60	1.50	1.50	1.60	2.00	2.00	1.50	1.50	1.50	1.60
29	III	ETEC-207	Electronic Instruments and Measurements	1.80	1.80	1.80	1.80	1.70	1.70	2.50	-	1.90	1.80	1.70	1.90
30	III	ETCS-209	Data Structures	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.40	2.50

31	III	ETEC-211	Signals and Systems	1.30	1.30	1.30	1.30	1.30	1.00	-	-	1.30	1.30	0.80	1.00
32	III	ETEC-251	Analog Electronics Lab	2.70	2.60	2.60	2.60	2.70	2.70	-	3.00	2.60	2.70	2.70	2.60
33	III	ETEC-253	Switching Theory and Logic Design Lab	2.70	2.60	2.60	2.60	2.70	2.60	2.50	2.00	2.60	2.70	2.60	2.70
34	III	ETEC-257	Electronic Instruments and Measureme	1.20	1.20	1.20	1.10	1.20	1.10	1.00	1.00	1.10	1.10	1.10	1.10
35	III	ETCS-255	Data Structures Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
36	III	ETEC-259	Signals and Systems Lab	2.60	2.60	2.60	2.60	2.60	3.00	-	-	2.70	2.60	2.60	2.70
37	IV	ETMA 202	Applied Mathematics – IV	0.50	0.50	0.40	0.40	0.50	0.60	0.50	0.50	0.40	0.60	0.40	0.50
38	IV	ETEC 204	Analog Electronics – II	1.50	1.50	1.60	1.50	1.60	1.40	1.40	1.80	1.50	1.30	1.50	1.50
39	IV	ETEC 206	Network Analysis and Synthesis	1.20	1.20	1.20	1.20	1.10	1.20	1.20	1.30	1.10	1.30	1.20	1.10
40	IV	ETEC 208	Communication Systems	1.50	1.50	1.30	1.50	1.30	1.30	1.40	1.00	1.50	1.40	1.30	1.60
41	IV	ETEE 210	Electromagnetic Field Theory	0.80	0.80	0.80	0.90	0.80	0.70	0.80	0.70	0.80	0.80	0.80	0.80
42	IV	ETCS 204	Computer Organization and Architecture	0.80	0.80	0.90	0.80	0.90	0.90	0.90	1.00	0.80	0.90	0.90	0.90
43	IV	ETMA 252	Applied Mathematics Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
44	IV	ETEC 258	Network Analysis and Synthesis Lab	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
45	IV	ETEC 256	Communication System Lab	2.80	2.90	2.80	2.80	2.80	2.80	2.80	3.00	2.80	2.90	2.80	2.80
46	IV	ETEC 254	Analog Electronics – II Lab	2.20	2.20	2.20	2.20	2.20	2.20	2.10	2.30	2.00	2.10	2.20	2.20
47	IV	ETCS 260	Linux Programming and Administration Lab	0.80	0.80	0.70	0.70	0.90	0.70	0.80	0.80	0.70	1.00	0.90	0.70
48	IV	ETSS 250	NCC/NSS	-	-	-	-	-	-	3.00	3.00	3.00	-	-	-
49	V	ETEC 301	Digital Circuits & Systems-II	1.80	1.80	1.80	1.80	1.80	1.90	1.90	1.80	1.90	1.90	1.80	1.80
50	V	ETEC 303	Control Engineering	1.20	1.20	1.20	1.20	1.20	1.10	1.20	1.00	1.20	1.00	1.30	1.20
51	V	ETCS 305	Computer Architecture	2.80	2.90	2.80	2.80	2.80	2.80	2.80	3.00	2.80	2.90	2.80	2.80
52	V	ETEC 307	Communication Circuits & Systems II	0.80	0.90	0.90	0.80	0.80	0.80	0.90	0.80	0.80	0.80	0.80	0.80
53	V	ETCS 309	Data Base Management System	1.70	1.80	1.70	1.70	1.80	1.70	1.60	1.70	1.80	1.70	1.70	1.70
54	V	ETMS 311	Organisational Behaviour	1.50	1.60	2.20	1.80	1.50	1.50	1.60	1.90	2.20	1.90	1.40	1.80
55	V	ETEC 351	Digital Circuits & Systems-II Lab.	2.50	2.50	2.50	2.50	2.50	2.60	2.80	3.00	2.50	2.50	2.50	2.50
56	V	ETEC 353	Control Engineering Lab.	2.70	2.70	2.60	2.60	2.80	2.60	2.70	-	2.60	2.70	2.70	2.70
57	V	ETEC 355	Comm. Circuits & Systems II Lab	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
58	V	ETCS 357	Data Base Management System Lab.	0.60	0.70	0.60	0.70	0.70	0.60	1.00	0.50	0.70	0.70	0.60	0.70
59	V	ETEC 359	Practical Training	2.60	2.60	2.60	2.60	2.60	2.60	2.10	2.10	2.10	2.60	2.60	2.60
60	VI	ETEC 302	Microwave Engineering	1.30	1.30	1.40	1.40	1.40	1.30	1.70	1.30	1.30	1.40	-	1.40

61	VI	ETEC 304	Microprocessor Systems -I	1.80	1.80	1.80	1.80	1.80	1.80	1.80	2.00	1.80	1.90	1.90	1.90
62	VI	ETIT 306	Computer Networks	0.30	0.30	0.40	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.40	0.30
63	VI	ETEC 308	VLSI Design	1.50	1.40	1.40	1.50	1.40	1.20	1.20	1.30	1.30	1.30	1.50	1.50
64	VI	ETEC 310	Telecommunication Networks	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
65	VI	ETEC 312	Digital Signal Processing & Its Appl.	0.80	0.80	0.80	0.80	0.80	-	-	-	0.80	0.80	-	0.80
66	VI	ETEC 352	Microwave Engineering Lab.	1.50	1.50	1.50	1.50	1.50	-	-	-	1.50	1.60	1.80	1.60
67	VI	ETEC 354	Microprocessor Systems -I Lab.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
68	VI	ETEC 356	VLSI Design Lab.	2.70	2.70	2.60	2.70	2.70	-	2.00	-	2.70	2.70	2.60	2.70
69	VI	ETEC 358	Telecommunication Networks Lab.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
70	VI	ETEC 360	Digital Signal Processing & Its Appl. Lab.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
71	VII	ETEC 401	Microprocessor Systems - II	1.80	1.80	1.80	1.80	1.80	1.90	1.90	1.80	1.90	1.90	1.80	1.80
72	VII	ETEC 403	Optical Communication	0.80	0.80	0.80	0.80	0.80	0.80	0.80	-	0.80	0.80	-	0.80
73	VII	ETEC 407	Mobile Computing	2.80	2.80	2.80	2.80	2.80	-	-	-	2.80	2.90	-	2.70
74	VII	ETEC 411	Digital Image Processing	2.30	2.40	2.30	2.30	2.30	2.40	2.30	2.30	2.30	2.20	2.30	2.30
75	VII	ETEC 451	Microprocessor Systems - II Lab	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
76	VII	ETEC 453	Optical Communication Lab.	2.70	2.70	2.70	2.60	2.70	2.60	2.70	-	2.70	2.70	2.70	2.70
77	VII	ETEC 455	Practicals based on ELECTIVES	1.60	1.60	1.60	1.70	1.70	1.70	1.70	1.80	1.60	1.70	1.80	1.60
78	VII	ETEC 457	Seminar	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
79	VII	ETEC 459	Minor Project	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
80	VII	ETEC 461	Practical Training	2.30	2.30	2.30	2.30	2.30	2.00	2.00	2.00	2.30	2.30	2.30	2.30
81	VIII	ETIT 402	Mobile Computing	1.20	0.90	1.20	1.10	1.10	-	-	-	1.20	1.10	-	1.00
82	VIII	ETEC 404	Embedded Systems	1.80	1.80	1.80	1.80	1.80	1.80	1.60	-	1.80	1.80	-	1.80
83	VIII	ETEC 406	Consumer Electronics	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
84	VIII	ETEC 452	Embedded Systems Lab.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	1.00	1.00	1.00	1.00
85	VIII	ETIT 454	Practical based on ELECTIVES	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
86	VIII	ETIT 456	Major Project	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
DIRECT ATTAINMENT				1.74	1.73	1.73	1.73	1.73	1.72	1.72	1.75	1.75	1.76	1.75	1.74