SUBJECTS OF STUDY AND SCHEME OF EVALUATION

Electronics Engineering

Sl No.	Code	Course	Course Category	Periods per week			Credits	Type	Evaluation	
				Theory	Practical	Total			CA	External
Semester I										
1.	**1001**	**English for Communication I**	F	2	2	4	3	T	50	100
2.	**1002**	**Engineering Mathematics I**	F	6	0	6	6	T	50	100
3.	**1003**	**Engineering Physics I**	F	3	0	3	3	T	50	100
4.	**1004**	**Engineering Chemistry I**	F	3	0	3	3	T	50	100
5.	**2005**	**Engineering Graphics**	F	2	3	5		D	0	0
6.	**1009**	**Health & Physical Education**	C	1	2	3	2	P	50	50
7.	**2008**	**Workshop Practice**	F	0	3	3		P	0	0
8.	**1008**	**Computing Fundamentals**	C	2	3	5	4	P	50	50
9.	**2007**	**Engineering Science Lab I**	F	0	3	3		P	0	0
				19	16	35	21			
Semester II										
10.	**2001**	**English for Communication II**	F	2	2	4	3	T	50	100
11.	**2002**	**Engineering Mathematics II**	F	6	0	6	6	T	50	100
12.	**2003**	**Engineering Physics II**	F	3	0	3	3	T	50	100
13.	**2004**	**Engineering Chemistry II**	F	3	0	3	3	T	50	100
14.	**2041**	**Basic Electronics**	B	4	0	4	4	T	50	100
15.	**2005**	**Engineering Graphics**	F	1	3	4	5	D	50	100
16.	**2008**	**Workshop Practice**	F	0	3	3	3	P	50	50
17.	**2007**	**Engineering Science Lab II**	F	0	3	3	3	P	50	50
18.	**2049**	**Basic Electronics Lab**	B	0	3	3	2	P	50	50
19.	**2009**	**Life Skill**	C	1	1	2	2	P	50	50
				20	15	35	34			
Semester III										
20.	**3043**	**Electrical Technology**	B	4	0	4	4	T	50	100
21.	**3044**	**Electronic Devices & Circuits**	B	5	0	5	5	T	50	100
22.	**3042**	**Digital Electronics**	B	4	0	4	4	T	50	100

No.	Code	Subject								
23.	3041	Communication Engineering	B	4	0	4	4	T	50	100
24.	3001	Environmental Science & Disaster Management	C	3	0	3	3	T	50	100
25.	3047	Electronics Circuits Lab	B	0	5	5	3	P	50	50
26.	3048	Digital Electronics Lab	B	0	5	5	3	P	50	50
27.	3049	Analogue Communication Lab	B	0	5	5	3	P	50	50
				20	15	35	29			
		Semester IV								
28.	4042	Linear Integrated Circuits	B	4	0	4	4	T	50	100
29.	4041	Electronics Instruments & Measurements	A	4	0	4	4	T	50	100
30.	4043	Microcontroller and Interfacing	A	5	0	5	5	T	50	100
31.	4044	Programming in C	B	4	0	4	4	T	50	100
32.	4047	Linear Integrated Circuits Lab	A	0	6	6	3	P	50	50
33.	4048	Microcontroller & Interfacing Lab	A	0	6	6	3	P	50	50
34.	4049	Programming in C Lab	B	0	6	6	3	P	50	50
35.	4009	Mini Project	A	1 Week			5	P	50	50
				17	18	35	31			
		Semester V								
36.	5001	Industrial Management & Safety	C	4	0	4	4	T	50	100
37.	5041	Embedded System	A	4	0	4	4	T	50	100
38.	5042	Industrial Electronics & PLC	A	4	0	4	4	T	50	100
39.	5043	Control System	E	4	0	4	4	T	50	100
	5044	Medical Electronics	E	4	0	4	4	T	50	100
	5045	Optical Fibre Communication	E	4	0	4	4	T	50	100
40.	5049	Embedded System Lab	A	0	4	4	2	P	50	50
41.	5048	Industrial Electronics & PLC Lab	A	0	4	4	2	P	50	50
42.	5047	PCB & Spice Lab	A	0	5	5	3	P	50	50
43.	5009	Industrial Training/Industrial Visit/Collaborative work	A	2 Week			2	P	50	0
44.	6009	Project & Seminar	A	0	6	6	0	Pr	0	0
				16	19	35	25			
		Semester VI								

45.	**6042**	**Communication Systems**	A	5	0	5	5	T	50	100
46.	**6043**	**Computer Hardware & Networking**	A	5	0	5	5	T	50	100
47.	**6041**	**Advanced Microprocessors**	A	5	0	5	5	T	50	100
48.	**6045**	**Radar and Navigation**	E	4	0	4	4	T	50	100
	6046	**Television Engineering**	E	4	0	4	4	T	50	100
	6044	**Digital Signal Processing**	E	4	0	4	4	T	50	100
49.	**6049**	**Computer Hardware and Networking Lab**	A	0	5	5	3	P	50	50
50.	**6048**	**HDL and Simulation Software Lab**	A	0	5	5	3	P	50	50
51.	**6009**	**Project & Seminar**	A	0	6	6	10	Pr	50	50
				19	16	35	35			
							175			

Abbreviations used:
Course Categories: F - Foundation Courses, C - Common Courses, B - Basic Technology Courses, A - Applied Technology Courses, E - Elective Courses
Evaluation Type: T - Theory, P - Practical, D - Drawing, Pr - Project