SUBJECTS OF STUDY AND SCHEME OF EVALUATION

SEMESTER I

(Branch : Electronics Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	1001	English – I	F	4	-	4	4	T	50	100
2	1002	Technical Mathematics – I	F	6	-	6	6	T	50	100
3	1003	Applied Science – I	F	6	-	6	6	T	50	100
4	1004	General Engineering	F	4	-	4	4	T	50	100
5	2001	Technology in Society	C	3	-	3	3	T	50	100
6	1017	Engineering Graphics	F	1	2	3	-	D	-	-
7	101	General Worksop	F	-	3	3	3	P	50	50
8	105	Applied Science Lab	F	-	2	2	-	P	-	-
9	201	Informatics Practices	C	2	2	4	3	P	50	50
		TOTAL		**26**	**9**	**35**	**29**		**350**	**600**

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.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION

SEMESTER II

(Branch : Electronics Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	1014	English – II	F	4	-	4	4	T	50	100
2	1015	Technical Mathematics – II	F	6	-	6	6	T	50	100
3	1016	Applied Science – II	F	6	-	6	6	T	50	100
4	1018	Programming Methodology	F	3	2	5	4	T	50	100
5	3001	Basic Electronics	B	4	-	4	4	T	50	100
6	1017	Engineering Graphics	F	1	2	3	5	D	50	100
7	104	General Workshop – II	F	-	2	2	2	P	50	50
8	105	Applied Science Lab	F	-	2	2	2	P	50	50
9	301	Basic Electronics Lab	B	-	3	3	2	P	50	50
		TOTAL		**24**	**11**	**35**	**35**		**450**	**750**

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.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION

SEMESTER III

(Branch : Electronics Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	3057	Electrical Technology	B	4	-	4	4	T	50	100
2	3058	Electronics Circuits	B	6	-	6	6	T	50	100
3	3059	Digital Electronics	B	5	-	5	5	T	50	100
4	3060	Programming In C	B	3	-	3	3	T	50	100
5	202	Health & Physical Education	C	1	2	3	2	P	50	50
6	334	Electronics Circuits Lab	B	-	5	5	2	P	50	50
7	335	Digital Electronics Lab	B	-	5	5	2	P	50	50
8	336	C Programming Lab	B	-	4	4	2	P	50	50
		TOTAL		**19**	**16**	**35**	**26**		**400**	**600**

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.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER IV
(Branch: ELECTRONICS Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	3061	Linear Integrated Circuits	B	4	-	4	4	T	50	100
2	3062	Electronic Instruments And Measurements	B	4	-	4	4	T	50	100
3	4045	Communication Engineering	A	5	-	5	5	T	50	100
4	4046	Microprocessors And Microcontrollers	A	5	-	5	5	T	50	100
5	203	Life skills	C	1	2	3	3	P	50	50
6	439	Analog IC and Communication Lab	A	-	6	6	3	P	50	50
7	440	Microcontroller And Interfacing Lab	A	-	4	4	2	P	50	50
8	441	PCB Design And SPICE Lab	A	-	4	4	2	P	50	50
		TOTAL		**19**	**16**	**35**	**28**		**400**	**600**

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.
BST : Brach Specific Theory
BSL/W : Brach Specific Lab / Workshop

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER V
(Branch: ELECTRONICS Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	2004	Industrial Management & Safety	C	4	-	4	4	T	50	100
2	4047	Industrial Electronics and PLC	A	4	-	4	4	T	50	100
3	4048	Computer Hardware and Networking	A	4	-	4	4	T	50	100
4	4049	Audio and Video Systems	A	4	-	4	4	T	50	100
5	5040 5041 5042 5043	Advanced Microprocessors Digital Signal Processing Control Systems Artificial Neural Networks	E	4	-	4	4	T	50	100
6	442	Industrial Electronics And PLC Lab	A	-	5	5	2	P	50	50
7	443	Computer Hardware and Networking Lab	A	-	4	4	2	P	50	50
8	6001	Industrial Training / Industrial Visit / Collaborative Work	Pr	2 Weeks*			5	Pr	50	-
9	6002	Project & Seminar	Pr	-	6	6	-	Pr	-	-
		TOTAL		**20**	**15**	**35**	**29**		**400**	**600**

* This course can be conveniently scheduled by the colleges during semester term.

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.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER VI
(Branch: ELECTRONICS Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	2003	Environmental science and Disaster Management.	C	3	-	3	3	T	50	100
2	4050	Modern Communication Systems	A	4	-	4	4	T	50	100
3	4051	Embedded Systems	A	4	-	4	4	T	50	100
4	4052	HDL and Simulation Software	A	4	-	4	4	T	50	100
5	5047 5048 5049 5050	Radar And Microwave Systems Medical Electronics Digital Image Processing Graphics And Multimedia	E	4	-	4	4	T	50	100
6	444	Embedded Systems Lab	A	-	5	5	2	P	50	50
7	445	HDL and MATLAB	A	-	5	5	2	P	50	50
8	6002	Project and Seminar	Pr	-	6	6	10	Pr	50	50
		TOTAL		**19**	**16**	**35**	**33**		**400**	**650**
	TOTAL CREDITS FOR THE PROGRAMME						**180**			

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.