SUBJECTS OF STUDY AND SCHEME OF EVALUATION

SEMESTER I
(COMPUTER 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
(COMPUTER 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
(COMPUTER ENGINEERING)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	3066	Digital Computer Principles	B	4		4	4	T	50	100
2	3067	Data Communication	B	4		4	4	T	50	100
3	3068	Computer Architecture	B	4		4	4	T	50	100
4	3069	OOPS through Java	B	4		4	4	T	50	100
5	202	Health & Physical Education	C	1	2	3	2	P	50	50
6	338	DCP Lab	B		4	4	2	P	50	50
7	339	Advanced C Lab	B	2	4	6	3	P	50	50
8	340	OOP thorough java lab	B		6	6	3	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
(COMPUTER ENGINEERING)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	3070	Microprocessors	B	4		4	4	T	50	100
2	3071	Data Structure	B	5		5	5	T	50	100
3	4070	Database Management System	A	4		4	4	T	50	100
4	4071	Operating System	A	5		5	5	T	50	100
5	203	Life Skills	C	1	2	3	3	T	50	50
6	341	Microprocessor Lab	B		4	4	2	P	50	50
7	342	Data Structure Lab	B		6	6	3	P	50	50
8	454	Database Management System 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
(COMPUTER 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	4051	Embedded Systems	A	4	-	4	4	T	50	100
3	4072	Software Engineering	A	4		4	4	T	50	100
4	4074	Web Technology	A	4		4	4	T	50	100
5	5059/4079 5060/4076 5061	Information security Multimedia & Animation Advanced DBMS	E	4		4	4	T	50	100
6	455	Application Development Lab	A		5	5	3	P	50	50
7	456	Web Technology 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	-	-
				20	**15**	**35**	**30**		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
(COMPUTER ENGINEERING)

Sl. 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	4075	Computer networks	A	4		4	4	T	50	100
3	4078	Network Programming	A	4		4	4	T	50	100
4	5067 5069	1. Mobile Computing 2.Software testing	E	4		4	4	T	50	100
5	457	System Administration Lab	A	1	4	5	3	P	50	50
6	459	Network Programming Lab	A	-	4	4	2	P	50	50
7	460	Computer Hardware and Networking Lab	A	2	3	5	2	P	50	50
8	6002	Project & Seminar	Pr	-	6	6	10	Pr	50	50
		Total		**18**	**17**	**35**	**32**		**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.