

SUBJECTS OF STUDY AND SCHEME OF EVALUATION

Computer 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.	2131	Programming in C	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.	2139	Programming in C 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.	3133	Digital Computer Principles	B	4	0	4	4	T	50	100
21.	3134	Object Oriented Programming through C++	B	5	0	5	5	T	50	100

22.	3131	Computer Architecture	B	4	0	4	4	T	50	100
23.	3132	Database Management System	A	4	0	4	4	T	50	100
24.	3001	Environmental Science & Disaster Management	C	3	0	3	3	T	50	100
25.	3138	Digital Computer Principles Lab	B	0	5	5	3	P	50	50
26.	3137	Object Oriented Programming Lab	B	0	5	5	3	P	50	50
27.	3139	Database Management System Lab	B	0	5	5	3	P	50	50
				20	15	35	29			
Semester IV										
28.	4132	Data Communication	B	4	0	4	4	T	50	100
29.	4134	Operating Systems	A	4	0	4	4	T	50	100
30.	4133	Data Structures	A	5	0	5	5	T	50	100
31.	4131	Computer System Hardware	A	4	0	4	4	T	50	100
32.	4139	System Administration Lab	B	0	6	6	3	P	50	50
33.	4138	Data Structures Lab	A	0	6	6	3	P	50	50
34.	4137	Computer System Hardware Lab	A	0	6	6	3	P	50	50
35.	4136	Application Development using Java	A	1 Week			5	P	50	50
				17	18	35	31			
Semester V										
36.	5132	Project Management & Software Engineering	C	4	0	4	4	T	50	100
37.	5133	Web Programming	A	4	0	4	4	T	50	100
38.	5131	Microprocessor and Interfacing	A	4	0	4	4	T	50	100
39.	5136	Information Security	E	4	0	4	4	T	50	100
	5135	Ethical Hacking	E	4	0	4	4	T	50	100
	5134	Cloud Computing	E	4	0	4	4	T	50	100
40.	5139	Web Programming Lab	A	0	4	4	2	P	50	50
41.	5138	Microprocessor Lab	A	0	4	4	2	P	50	50
42.	5009	Industrial Training/Industrial Visit/Collaborative work	A	2 Week			2	P	50	0
43.	5137	Computer Network Engineering Lab	A	0	5	5	3	P	50	50
44.	6009	Project & Seminar	A	0	6	6	0	Pr	0	0

				16	19	35	25			
Semester VI										
45.	6132	Microcontrollers	A	5	0	5	5	T	50	100
46.	6131	Computer Networks	A	4	0	4	4	T	50	100
47.	6133	Smart Device Programming	A	5	0	5	5	T	50	100
48.	6134	Mobile Communication	E	5	0	5	5	T	50	100
	6135	Network Infrastructure Management	E	5	0	5	5	T	50	100
	6136	Software Testing	E	5	0	5	5	T	50	100
49.	6139	Microcontroller Lab	A	0	5	5	3	P	50	50
50.	6138	Smart Device Programming 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										