

Computer Engineering

Semester III

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Advanced Engineering Mathematics	3	2	0	5	70	30	30	20	150	7
	Digital Electronics	3	0	2	5	70	30	30	20	150	7
	Data Communication & Networking	3	0	2	5	70	30	30	20	150	7
	Data Structure	4	0	4	8	70	30	30	20	150	7
	Database Management Systems	3	0	4	7	70	30	30	20	150	7
	Total	16	2	12	30						

Semester IV

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	Computer Organization	3	1	0	4	70	30	30	20	150	7
	Operating System	3	0	2	5	70	30	30	20	150	7
	Object Oriented Programming With C++	4	0	4	8	70	30	30	20	150	7
	Engineering Economics and Management	3	0	0	3	70	30	0	0	100	7
	Maths IV/ CONM	3	0	2	5	70	30	30	20	150	7
	CN	3	0	2	5	70	30	30	20	150	7
	Total	19	1	10	30						

Semester V

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	OBJECT ORIENTED DESIGN UML WITH JAVA	4	0	4	8	70	30	30	20	150	7
	Institute Elective	3	0	2	5	70	30	30	20	150	7
	SYSTEM PROGRAMMING	3	0	2	5	70	30	30	20	150	7
	MICROPROCESSOR-8085	4	0	2	6	70	30	30	20	150	7
	ALGORITHM ANALYSIS &DESIGN	4	0	2	6	70	30	30	20	150	7
	Total	18	0	12	30						

Semester VI

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	WEB TECHNOLOGY	4	0	2	6	70	30	30	20	150	7
	MOBILE COMPUTING & WIRELESS COMMUNICATION	4	0	2	6	70	30	30	20	150	7
	DEPARTMENT ELECTIVE-I	4	0	2	6	70	30	30	20	150	7
	SOFTWARE ENGINEERING	4	0	2	6	70	30	30	20	150	7
	TOC	4	0	2	6	70	30	30	20	150	7
	Total	20	0	10	30						

Semester VII

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	DWDM	4	0	2	6	70	30	30	20	150	7
	COMPILER DESIGN	4	0	2	6	70	30	30	20	150	7
	DEPARTMENT ELECTIVE-II	4	0	2	6	70	30	30	20	150	7
	ADVANCED JAVA	4	0	2	6	70	30	30	20	150	7
	DEPARTMENT ELECTIVE ñIII	4	0	2	6	70	30	30	20	150	7
	Total	20	0	10	30						

Semester VIII

Subject code	Subject name	Teaching Scheme (Hours)			Credits	Theory Marks		Practical Marks		Total Marks	Branch Code
		Theory	Tutorial	Practical		ESE(E)	PA (M)	Viva (V)	PA(I)		
	INDUSTRIAL TRAINING (MAJOR PROJECT) including PSAR	0	0	30	30	0	0	100	50	150	7
	Total	0	0	30	30						

Departmental Elective I:

Image processing
 Embedded & VLSI Design
 Distributed operating system
 ERP

Institute Elective

Computer Graphics

Departmental Elective II:

AI
 .NET Technology
 ICSD(CISCO)
 SOC
 Distributed DBMS

Departmental Elective III:

advanced computing technology
 Advanced .net technology
 INFORMATION SECURITY
 advanced web technology
 Computer Graphics

Note: ALA Component, OEP Component and Design Module I, II and III (to be offered in 2nd Year , 3rd year and 4th year respectively) shall be displayed in the final teaching scheme