

Information Technology

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	16
	DIGITAL ELECTRONICS	3	0	2	5	70	30	30	20	150	16
	DATA COMMUNICATION & NETWORKING	3	0	2	5	70	30	30	20	150	16
	DATA STRUCTURES	4	0	4	8	70	30	30	20	150	16
	DBMS	3	0	4	7	70	30	30	20	150	16
	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	16
	OPRATING SYSTEM	3	0	2	5	70	30	30	20	150	16
	OBJECT ORIENTED PROGRAMMINGWITH C++	4	0	4	8	70	30	30	20	150	16
	MANAGEMENT & ECONOMICS	3	0	0	3	70	30	0	0	100	16
	MATHAMATICS-IV/CONM	3	0	2	5	70	30	30	20	150	16
	CN	3	0	2	5	70	30	30	20	150	16
	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	16
	INSTITUTE ELECTIVE	3	0	2	5	70	30	30	20	150	16
	SYSTEM PROGRAMMING	3	0	2	5	70	30	30	20	150	16
	MSOR	4	0	2	6	70	30	30	20	150	16
	ALGORITHM ANALYSIS & DESIGN	4	0	2	6	70	30	30	20	150	16
	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	16
	MOBILE COMPUTING & WIRELESS COMMUNICATION	4	0	2	6	70	30	30	20	150	16
	DEPARTMENT ELECTIVE-I	4	0	2	6	70	30	30	20	150	16
	SOFTWARE ENGINEERING	4	0	2	6	70	30	30	20	150	16
	DATA COMPRESSSION & DATA RETRIVAL	4	0	2	6	70	30	30	20	150	16
	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	16
	INFORMAITON SECURITY	4	0	2	6	70	30	30	20	150	16
	DEPARMENT ELECTIVE-II	4	0	2	6	70	30	30	20	150	16
	ADVANCED JAVA	4	0	2	6	70	30	30	20	150	16
	DEPARTMENT ELECTIVE i III	4	0	2	6	70	30	30	20	150	16
	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 TRAINNING (MAJOR PROJECT) including PSAR	0	0	30	30	0	0	100	50	150	16
	Total	0	0	30	30						

Departmental Elective I:

Image processing
 Embedded & VLSI Design
 Distributed operating system
 ERP

Departmental Elective II:

AI
 .NET Technology
 ICSD(CISCO)
 SOC
 Distributed DBMS

Institute Elective

Computer Graphics

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