

TECHNICAL AND SOCIAL ELECTIVE COURSES

4TH SEMESTER SOCIAL ELECTIVE COURSES

Code	Course Name	Theory	Lab	Total	Credit	ECTS
3301461	HISTORY OF TECHNOLOGY	2	0	2	2	2
3301462	BUSINESS LAW AND ETHICS	2	0	2	2	2
3301463	COMMUNICATION SKILLS AND ACADEMIC REPORTING	2	0	2	2	2
3301464	SOCIAL RESPONSIBILITY AND VALUES EDUCATION	2	0	2	2	2
3301465	EFFECTIVE COMMUNICATION AND BODY LANGUAGE	2	0	2	2	2
3301466	MEDIA LITERACY	2	0	2	2	2
3301467	MANAGEMENT AND ORGANIZATION	2	0	2	2	2
3301468	ENVIRONMENT AND ECOLOGY	2	0	2	2	2
3301469	LIFELONG LEARNING	2	0	2	2	2
3301470	COMMUNICATION AND STRESS MANAGEMENT	2	0	2	2	2

THIRD YEAR

5TH SEMESTER TECHNICAL ELECTIVE COURSES

Code	Course Name	Theory	Lab	Total	Credit	ECTS
3301561	SIGNAL PROCESSING	3	0	3	3	4
3301562	DESIGN PATTERNS	3	0	3	3	4
3301563	HUMAN COMPUTER INTERACTION	3	0	3	3	4
3301564	BIOMEDICAL SYSTEMS	3	0	3	3	4
3301565	SIMULATION AND MODELLING	3	0	3	3	4
3301566	COMPUTER HARDWARE	3	0	3	3	4
3301567	WEB DESIGN	3	0	3	3	4
3301568	DATA MINING	3	0	3	3	4
3301569	COMPUTER FORENCIS	3	0	3	3	4

6TH SEMESTER TECHNICAL ELECTIVE COURSES

Code	Course Name	Theory	Lab	Total	Credit	ECTS
3301661	SYSTEM PROGRAMMING	3	0	3	3	4
3301662	COMPUTER AND NETWORK SECURITY	3	0	3	3	4
3301663	EMBEDDED SYSTEMS	3	0	3	3	4
3301664	BUSINESS INTELLIGENCE	3	0	3	3	4
3301665	ROBOTICS	3	0	3	3	4
3301666	OPERATING SYSTEM MANAGEMENT	3	0	3	3	4
3301667	WEB SERVICES	3	0	3	3	4
3301668	MICROCOMPUTER BASED SYSTEM DESIGN	3	0	3	3	4
3301669	PROFESSIONAL ENGLISH	3	0	3	3	4
3301670	CRYPTOGRAPHY	3	0	3	3	4
3301671	INNOVATION AND RESEARCH TECHNIQUES IN COMPUTER SCIENCES	3	0	3	3	4
3301672	INTERDISCIPLINARY STUDIES	3	0	3	3	4
3301673	REALISTIC MODELING AND SIMULATION DESIGN	3	0	3	3	4
3301674	WEB PROGRAMMING	3	0	3	3	4

FOURTH YEAR

7TH SEMESTER TECHNICAL ELECTIVE COURSES

Code	Course Name	Theory	Lab	Total	Credit	ECTS
3301761	PROGRAMMABLE LOGIC CONTROLLERS	3	0	3	3	4
3301762	PARALLEL PROCESSING SYSTEMS	3	0	3	3	4
3301763	CONTROL SYSTEMS	3	0	3	3	4
3301764	COMPUTER AIDED DESIGN	3	0	3	3	4
3301765	OPERATIONAL RESEARCH	3	0	3	3	4
3301766	WIRELESS NETWORKS	3	0	3	3	4
3301767	CLOUD COMPUTING	3	0	3	3	4
3301768	PACKAGE PROGRAMS	3	0	3	3	4
3301769	COMPUTER GRAPHICS	3	0	3	3	4
3301770	DATA COMMUNICATION TECHNIQUES	3	0	3	3	4
3301771	GAME PROGRAMMING	3	0	3	3	4
3301772	E-COMMERCE AND APPLICATIONS	3	0	3	3	4
3301773	PARALLEL PROGRAMMING	3	0	3	3	4
3301774	MVC BASED WEB ARCHITECTURE	3	0	3	3	4
3301775	GREEN IT	3	0	3	3	4
3301776	ENVIRONMENT AND ENERGY	3	0	3	3	6

7TH SEMESTER SOCIAL ELECTIVE COURSES

Code	Course Name	Theory	Lab	Total	Credit	ECTS
3301782	QUALITY AND ASSURANCE SYSTEMS	2	0	2	2	2
3301783	ENGINEERING ECONOMY	2	0	2	2	2
3301784	SIGN LANGUAGE	2	0	2	2	2
3301785	FOREIGN TRADE	2	0	2	2	2
3301786	COMMUNITY SERVICE APPLICATIONS	2	0	2	2	2
3301787	ADVERTISING AND STRATEGIES	2	0	2	2	2
3301788	RESEARCH AND REPORT WRITING TECHNIQUES	2	0	2	2	6