



S1.No.: 2001BTECH (ECE) 0364

## GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY STATEMENT OF MARKS - BACHELOR OF TECHNOLOGY ( ECLECTRONICS & COMMUNICATION ENGINEERING) (Year of Admission: 2001)

Candidate: ANKIT KAUSHIK
Institution: MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

Roll No.: B/MSEC/23330

0.4.			FIRST S	EMESTER			
Code	Paper Name	Credits	Marks	Code	Paper Name	Credits	Marks
ETMA101	APPLIED MATHEMATICS-I	4.0	77	ETPH103	APPLIED PHYSICS-I	3.0	76
ETCH105	APPLIED CHEMISTRY4	3.0	78	ETME107	MANUFACTURING PROCESS	2.0	61
ETCS109	INTRODUCTION TO COMPUTERS	3.0	74	ETEL111°	COMMUNICATION SKILLS-I	3.0	52
ETEL113	IMPACT OF SCIENCE & TECHNOLOGY ON SOCIETY	2.0	71	ETPH151	APPLIED PHYSICS LABI	1.0	77
ETCH153	APPLIED CHEMISTRY LABI	1.0	74	ETCS155	INTRODUCTION TO COMPUTERS LAB.	1.5	87
ETME157	WORKSHOP PRACTICE-I	1.5	78	ETME159	ENGG. GRAPHICS LAB.	1.0	80
				SEMESTER	ENOU, GRAFFIICS EAB.	1 1.0	00
Code	Paper Name	Credits	Marks	Code	Paper Name	Credits	Marks
ETMA102	APPLIED MATHEMATICS-II	4.0	74	ETPH104	APPLIED PHYSICS-II		
ETCH106	APPLIED CHEMISTRY-II	2.5				3.0	62
ETME110	ENGINEERING MECHANICS		65	ETCS108*	PROGRAMMING & AUTO CAD	2.0	53
ETEL114	COMMUNICATION SKILLS-II	4.0	74	ETEC112*	ELECTRICAL SCIENCE	4.0	56
ETCH154	APPLIED CHEMISTRY LABII	1.5	63	ETPH152	APPLIED PHYSICS LAB.4I	1.0	83
ETME158	ENGINEERING MECHANICS LAB.	1.0	81	ETCS156	PROGRAMMING & AUTO CAD LAB.	2.0	85
LIMETOO	ENGINEERING MECHANICS LAB.	1.0	79	ETEC160	ELECTRICAL SCIENCE LAB.	1.0	94
Code	Daniel No.			EMESTER			
ETMA201	Paper Name	Credits	Marks	Code	Paper Name	Credits	Marks
ETEC205	APPLIED MATHEMATICS-III	4.0	90	ETEC203	ANALOG ELECTRONICS-I	4.0	78
	CIRCUITS & SYSTEMS	4.0	82	ETCS207	FOUNDATIONS OF COMPUTER SCIENCE	4.0	87
ETCS209	OBJECT ORIENTED PROGG.	4.0	60	ETCS211	DATA STRUCTURES	4.0	57
ETEC251	ANALOG ELECTRONICS-I LAB.	1.0	82	ETEC253	CIRCUTIS & SYSTEMS LAB.	1.0	95
ETCS255	OBJECT ORIENTED PROGG, LAB.	1.0	85	ETCS257	DATA STRUCTURES LAB.	1.0	86
			FOURTH	SEMESTER			
Code	Paper Name	Credits	Marks	Code	Paper Name	Credits	Marks
ETEC202	ELECTRO-MAGNETIC FIELDS & TRANSMISSION LINES	4.0	69	ETEC204	ANALOG ELECTRONICS-II	4.0	59
ETEC206	DIGITAL CIRCUITS & SYSTEMS-I	4.0	70	ETEC208	COMMUNICATION SYSTEMS & CIRCUITS	4.0	60
ETCS210	COMPUTER GRAPHICS & MULTIMEDIA	4.0	79	ETCS212	OPERATING SYSTEM & SYSTEM PROGRAMMING-I	4.0	78
ETEC252	ANALOG ELECTRONICS-II LAB.	1.0	81	ETEC254	DIGITAL CIRCUITS & SYSTEM-I LAB.	1.0	83
ETEC256	COMMUNICATION SYSTEMS & CIRCUITS LAB.	1.0	74	ETCS258	COMPUTER GRAPHICS & MULTIMEDIA LAB.	1.0	88
ETCS260	OPERATING SYSTEMS & SYSTEM PROGRAMMIN-I LAB.	1.0	88		The state of the s	1.0	00
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Code	Paper Name	Credits	Marks	Code	Paper Name	Credits	Marks
ETEC301	DIGITAL CIRCUITS AND SYSTEMS-II	4.0	65	ETEC303	MICROPROCESSOR SYSTEM-I		
ETCS305	COMPUTER ARCHITECTURE	4.0	64	ETEC307	TELECOMMUNICATION NETWORKS	4.0	72
ETCS309				2120001	TEECOOMMONIONIONIONIONIONIONIONIONIONIONIONIONIO		73
L103303	DATA BASE MANAGEMENT SYSTEM	4.0	69	ETEC351	DIGITAL CIRCUITS & SYSTEMS III AR	4.0	
ETEC353	DATA BASE MANAGEMENT SYSTEM MICROPROCESSOR SYSTEM-I	4.0	69	ETEC351	DIGITAL CIRCUITS & SYSTEMS-II LAB.	1.0	88
ETEC353	MICROPROCESSOR SYSTEM4	1.0	92	ETCS355	COMPUTER ARCHITECTURE LAB.	1.0 1.0	83
ETEC353 ETEC357	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB.	1.0	92 81	ETCS355 ETCS359	COMPUTER ARCHITECTURE LAB. DATA BASE MANAGEMENT SYSTEM LAB.	1.0 1.0 1.0	83 92
ETEC353	MICROPROCESSOR SYSTEM4	1.0	92 81 83	ETCS355 ETCS359 ETEC363	COMPUTER ARCHITECTURE LAB.	1.0 1.0	83
ETEC353 ETEC357 ETCS361	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)	1.0 1.0 1.0	92 81 83 SIXTH S	ETCS355 ETCS359 ETEC363 EMESTER	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING	1.0 1.0 1.0 2.0	83 92 81
ETEC353 ETEC357 ETCS361 Code	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name	1.0 1.0 1.0 Credits	92 81 83 SIXTH S	ETCS355 ETCS359 ETEC363 EMESTER Code	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name	1.0 1.0 1.0 2.0	83 92 81
ETEC353 ETEC357 ETCS361 Code ETEC302	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II	1.0 1.0 1.0 Credits 4.0	92 81 83 SIXTH S Marks	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING	1.0 1.0 1.0 2.0	83 92 81 Marks
ETEC353 ETEC357 ETCS361 Code ETEC302 ETEC306	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING	1.0 1.0 1.0 Credits 4.0 4.0	92 81 83 SIXTH S Marks 77	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS	1.0 1.0 1.0 2.0	83 92 81 Marks
ETEC353 ETEC357 ETCS361 Code ETEC302 ETEC306 ETEC310	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN	1.0 1.0 1.0 Credits 4.0 4.0	92 81 83 SIXTH S Marks 77 77 60	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.	1.0 1.0 1.0 2.0 Credits	83 92 81 Marks 72 60
ETEC353 ETEC357 ETCS361 Code ETEC302 ETEC306 ETEC310 ETEC354	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB.	1.0 1.0 1.0 Credits 4.0 4.0 4.0	92 81 83 SIXTH S Marks 77 77 60 86	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING	1.0 1.0 1.0 2.0 Credits 4.0	83 92 81 Marks 72 60
ETEC353 ETEC357 ETCS361 Code ETEC302 ETEC306 ETEC310	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN	1.0 1.0 1.0 1.0 Credits 4.0 4.0 4.0	92 81 83 SIXTH S Marks 77 77 60 86 80	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.	1.0 1.0 1.0 2.0 Credits 4.0 4.0	83 92 81 Marks 72 60 84
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.	1.0 1.0 1.0 1.0 Credits 4.0 4.0 4.0	92 81 83 SIXTH S Marks 77 77 60 86 80 SEVENTH	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC304 ETEC308 ETEC352 ETEC356 ETEC356 ETEC360 SEMESTER	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.	1.0 1.0 1.0 2.0 Credits 4.0 4.0	83 92 81 Marks 72 60 84
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAYE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.	1.0 1.0 1.0 1.0 Credits 4.0 4.0 4.0	92 81 83 SIXTH S Marks 77 77 60 86 80	ETCS355 ETCS359 EYEC363 EMESTER Code ETEC304 ETEC308 ETEC3052 ETEC356 ETEC356 ETEC360 SEMESTER Code	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING	1.0 1.0 1.0 2.0 Credits 4.0 4.0	83 92 81 Marks 72 60 84 78
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  • Paper Name CONTROL SYSTEMS	1.0 1.0 1.0 1.0 Credits 4.0 4.0 1.0 1.0 Credits	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC360 SEMESTER Code ETCS403	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.	1.0 1.0 1.0 2.0 Credits 4.0 4.0 1.0	83 92 81 Marks 72 60 84 78 80
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC3106 ETEC3104 ETEC354 ETEC358  Code ETEC401 ETEC405	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY	1.0 1.0 1.0 1.0 Credits 4.0 4.0 1.0 1.0 Credits 4.0	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61 74	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING	1.0 1.0 1.0 2.0 Credits 4.0 4.0 1.0 1.0	83 92 81 Marks 72 60 84 78 80
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC417	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION	1.0 1.0 1.0 1.0 1.0 Credits 4.0 4.0 1.0 1.0 Credits 4.0 4.0 4.0 4.0 4.0 4.0 4.0	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61 74	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING	1.0 1.0 1.0 2.0  Credits 4.0 4.0 1.0 1.0 Credits 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	83 92 81 Marks 72 60 84 78 80 Marks
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC417* ETCS453	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB.	1.0 1.0 1.0 1.0 Credits 4.0 4.0 1.0 1.0 Credits 4.0	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61 74	ETCS355 ETCS359 ETEC363 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING	1.0 1.0 1.0 2.0  Credits 4.0 1.0 1.0 1.0 1.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 79
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC417	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION	1.0 1.0 1.0 1.0 1.0 Credits 4.0 4.0 1.0 1.0 Credits 4.0 4.0 4.0 4.0 4.0 4.0 4.0	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61 74	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.	1.0 1.0 1.0 2.0  Credits 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 79
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC417* ETCS453	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB.	1.0 1.0 1.0 1.0 1.0 Credits 4.0 4.0 1.0 1.0 Credits 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	92 81 83 SIXTH S Marks 77 77 60 86 80 85EVENTH Marks 61 74	ETCS355 ETCS359 ETCC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY	1.0 1.0 1.0 2.0  Credits 4.0 1.0 1.0 1.0 1.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 79
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC405 ETEC455 ETEC457	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB. PRACTICAL BASED ON ELECTIVES	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61 74 51 90 80 88	ETCS355 ETCS359 ETCC363 EMESTER Code ETEC304 ETEC308 ETEC352 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY	1.0 1.0 1.0 2.0  Credits 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 79
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC405 ETEC405 ETEC4538 ETEC457	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB. PRACTICAL BASED ON ELECTIVES	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	92 81 83 SIXTH S Marks 77 60 86 80 SEVENTH Marks 61 74 51 90 80 88	ETCS355 ETCS359 ETEC363 EMESTER Code ETEC304 ETEC305 ETEC352 ETEC355 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451 ETEC455	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY  PROGRAMMING II LAB. (MATLAB)	1.0 1.0 1.0 1.0 2.0  Credits 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 79 83
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC306 ETEC310 ETEC354 ETEC354 ETEC401 ETEC401 ETEC405 ETEC401 ETEC405 ETEC405 ETEC405 ETEC405	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB. PRACTICAL BASED ON ELECTIVES PRACTICAL TRAINING	1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 3.0	92 81 83 SIXTH S Marks 77 76 60 86 80 SEVENTH Marks 61 74 51 90 80 88 EIGHTH	ETCS355 ETCS359 ETEC363 ETEC363 EMESTER Code ETEC304 ETEC304 ETEC305 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIC409 ETCS403 ETIC409 ETCC455 ETCS459	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY  PROGRAMMING II LAB. (MATLAB)	1.0 1.0 1.0 1.0 2.0  Credits 4.0 4.0 1.0 1.0 1.0 1.0 Credits 4.0 1.0 1.0 Credits 4.0 1.0 1.0 Credits	83 92 81 Marks 72 60 84 78 80 Marks 74 79 83 86 82
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC405 ETEC405 ETEC4457 ETEC461 Code	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB. PRACTICAL BASED ON ELECTIVES PRACTICAL TRAINING	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	92 81 83 SIXTH S 77 77 60 86 80 SEVENTH Marks 61 74 51 90 80 88 EIGHTH	ETCS355 ETCS359 ETEC363 ETEC363 EMESTER Code ETEC304 ETEC304 ETEC305 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451 ETEC455 ETCS459 SEMESTER Code ETCS459	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY  PROGRAMMING II LAB. (MATLAB)  Paper Name  SATELLITE & MOBILE COMM.	1.0 1.0 1.0 1.0 2.0  Credits 4.0 4.0 1.0 1.0 1.0 1.0 Credits 4.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 79 83 86 82
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC405 ETEC417 ETC5453 ETEC455 ETEC461  Code ETEC461	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING VLSI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGIEERING LAB. PRACTICAL BASED ON ELECTIVES PRACTICAL TRAINING  Paper Name CONSUMER ELECTRONICS NETWORK MANAGEMENT AND SECURITY	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	92 81 83 SIXTH S 77 77 60 86 80 SEVENTH Marks 61 74 51 90 80 88 EIGHTH:	ETCS355 ETCS359 ETEC363 ETEC363 ETEC364 ETEC304 ETEC304 ETEC305 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451 ETEC455 ETCS459  SEMESTER Code ETCS459	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY  PROGRAMMING II LAB. (MATLAB)  Paper Name  SATELLITE & MOBILE COMM.  EMBEDDED SYSTEM DESIGN	1.0 1.0 1.0 1.0 2.0  Credits 4.0 4.0 1.0 1.0 1.0 1.0  Credits 4.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92 81 Marks 72 60 84 78 80 Marks 74 74 75 86 82
ETEC353 ETEC357 ETCS361  Code ETEC302 ETEC302 ETEC306 ETEC310 ETEC354 ETEC358  Code ETEC401 ETEC405 ETEC405 ETEC4457 ETEC461  Code ETEC457 ETEC461	MICROPROCESSOR SYSTEM-I TELECOMMUNICATION NETWORKS LAB. PROGRAMMING I LAB. (ORCAD)  Paper Name MICROPROCESSOR SYSTEM-II DIGITAL SIGNAL PROCESSING V.SI DESIGN MICROWAVE ENGG. LAB. DATA COMMUNICATION NETWORKS LAB.  Paper Name CONTROL SYSTEMS NETWORK TECHNOLOGY OPTICAL COMMUNICATION SOFTWARE ENGINEERING LAB. PRACTICAL BASED ON ELECTIVES PRACTICAL TRAINING  Paper Name CONSUMER ELECTRONICS	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	92 81 83 SIXTH S 77 77 60 86 80 SEVENTH Marks 61 74 51 90 80 88 EIGHTH:	ETCS355 ETCS359 ETEC363 ETEC363 EMESTER Code ETEC304 ETEC304 ETEC305 ETEC356 ETEC356 ETEC360 SEMESTER Code ETCS403 ETIT409 ETEC451 ETEC455 ETCS459 SEMESTER Code ETCS459	COMPUTER ARCHITECTURE LAB.  DATA BASE MANAGEMENT SYSTEM LAB.  PRACTICAL TRAINING  Paper Name  MICROWAVE ENGINEERING  DATA COMMUNICATION NETWORKS  MICROPROCESSOR SYSTEM-II LAB.  DIGITAL SIGNAL PROCESSING  VLSI DESIGN LAB.  Paper Name  SOFTWARE ENGINEERING  MOBILE COMPUTING  CONTROL SYSTEMS LAB.  NETWORK TECHNOLOGY  PROGRAMMING II LAB. (MATLAB)  Paper Name  SATELLITE & MOBILE COMM.	1.0 1.0 1.0 1.0 2.0  Credits 4.0 4.0 1.0 1.0 1.0 1.0 Credits 4.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	83 92

Checked by:

Delhi

Dated: 20/November/2005 : Controller of Examinations

## SCHEMATA OF EVALUATION

Examination System

Semester Based

Duration of the programme

Eight Semester(s).

(The minimum credits for the award of the degree (3c) have to be secured within (n + 4) semesters after admission.)

Credit and Marks

One credit is equal to one lecture or two hours of laboratory. The maximum number of Credits for the programme is: 218

The minimum number of credits to be earned for the award of the degree is: 205
The maximum mark, in every course/paper, irrespective of the number of credits of the course is 100.
For passing in any course the candidate must secure 50 or above marks. d.

For a course in which the candidate secures 50 or more marks, the full credit for that course is awarded.

Formula to determine the Cumulative Performance Index (CPI) is as under:

$$CPI = \frac{\sum_{n=0}^{N} C_n M_n}{\sum_{n=0}^{N} C_n}$$

Where  $C_n$  is the number of credits earned for the course/paper n while  $M_n$  is the marks obtained in that course. N is the total number of courses over which performance is being measured. In calculating the CPI, only those courses in which the candidate has passed obtaining not less than 50% of marks will be taken into account.

\*\*\* marked courses have not been considered for calculation of CPI

Divison

CPI of 90% and above

EXE/APLARY PERFORMANCE (Credits to be earned in first attempt) FIRST CLASS WITH DISTINCTION

CPI of 75% and above but below 90% (Also in the case of above 90% CPI but

Papers not cleared in first attempt)

CPI of 60% and above but below 75% CPI of 50% and above but below 60%

CPI below 50%

FIRST CLASS

SECOND CLASS UNSUCCESSFUL