

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 042 Programme Name: MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING) SchemeID: 310422007001 Sem./Year: 03 SEMESTER
 Institution Code: 135 Institution: INDIRA GANDHI INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	42701	ECW701	ADVANCED VLSI DESIGN	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	42703	ECW703	DIGITAL MOBILE CELLULAR SYSTEMS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	42705	ECW705	DIGITAL IMAGE PROCESSING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	42751	ECW751	ADVANCED VLSI DESIGN LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	42753	ECW753	DIGITAL MOBILE CELLULAR SYSTEMS LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	42755	ECW755	DIGITAL IMAGE PROCESSING LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	42757	ECW757	TERM PAPER - III & EXPERT LECTURE	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50

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Scheme of Programme Code: 042 Programme Name: MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING) SchemeID: 310422007001 Sem./Year: 01 SEMESTER
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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	42601	ECW601	DIGITAL SYSTEM DESIGN	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	42603	ECW603	DETECTION AND ESTIMATION THEORY	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	42605	ECW605	MODERN DIGITAL COMMUNICATION SYSTEMS	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
04	42651	ECW651	DIGITAL SYSTEM DESIGN LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	42653	ECW653	MODERN DIGITAL COMMUNICATION SYSTEM LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	42655	ECW655	TERM PAPER - 1 & EXPERT LECTURE	3	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50

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01	42701	ECW701	ADVANCED VLSI DESIGN	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	42703	ECW703	DIGITAL MOBILE CELLULAR SYSTEMS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	42705	ECW705	DIGITAL IMAGE PROCESSING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	42751	ECW751	ADVANCED VLSI DESIGN LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
05	42753	ECW753	DIGITAL MOBILE CELLULAR SYSTEMS LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
06	42755	ECW755	DIGITAL IMAGE PROCESSING LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	42757	ECW757	TERM PAPER - III & EXPERT LECTURE	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50

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Scheme of Programme Code: 042 Programme Name: MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING) SchemeID: 310422007001 Sem./Year: 05 SEMESTER
 Institution Code: 135 Institution: INDIRA GANDHI INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	42801	ECW801	ENTERPRISE RESOURCE PLANNING (ERP) AND BEYOND	3	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	42803	ECW803	QUANTUM COMPUTING AND NANOTECHNOLOGY	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
03	42805	ECW805	MEMS AND SENSOR TECHNOLOGY	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
04	42807	ECW807	MULTIMEDIA TECHNOLOGY	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
05	42809	ECW809	SMART ANTENNAS SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
06	42811	ECW811	OPEN ENDED TOPIC	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
07	42817	ECW817	NETWORK SECURITY	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
08	42819	ECW819	ADVANCED COMPUTER COMMUNICATION NETWORKS	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
09	42821	ECW821	VIRTUAL INSTRUMENTATION	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
10	42823	ECW823	SOFT COMPUTING	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
11	42825	ECW825	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
12	42827	ECW827	OPEN ENDED RESEARCH TOPIC	3	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
13	42851	ITW851	ELECTIVE-II LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
14	42853	ITW853	ELECTIVE-III LAB	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
15	42855	ITW855	MAJOR PROJECT PART - I	4	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 042 Programme Name: MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING) SchemeID: 310422012001 Sem./Year: 01 SEMESTER
 Institution Code: 135 Institution: INDIRA GANDHI INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	07601	MEDC601	ADVANCED DIGITAL COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	42601	MEEC601	OPTOELECTRONICS AND OPTICAL FIBRE COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	52601	MEVS601	DSD USING VERILOG	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
04	42607	MEEC607	ADVANCED COMPUTER NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
05	48607	MECS607	ADVANCED COMPUTER ARCHITECTURE	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
06	42651	MEEC651	LAB-1	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	42653	MEEC653	LAB-2	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	42655	MEEC655	TERM PAPER-I	2	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
09	53705	MEIT705	RELIABILITY ENGINEERING	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50

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Scheme of Programme Code: 042 Programme Name: MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING) SchemeID: 310422012001 Sem./Year: 03 SEMESTER
 Institution Code: 135 Institution: INDIRA GANDHI INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	52603	MEVS603	VLSI TECHNOLOGY	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	05609	MESP609	OPTIMIZATION TECHNIQUE	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
03	42611	MEEC611	TELECOMMUNICATIONS SYSTEM MODELLING & SIMULATION	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
04	48611	MECS611	COMPUTATIONAL TECHNIQUES USING MATLAB	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
05	52611	MEVS611	WIRELESS NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
06	42613	MEEC613	MATHEMATICAL STATISTICS	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
07	42701	MEEC701	ADHOC SENSOR NETWORKS	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	42751	MEEC751	LAB-5	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	42753	MEEC753	LAB-6	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	42755	MEEC755	TERM PAPER-III	2	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50

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Scheme of Programme Code: 042 Programme Name: MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING) SchemeID: 310422012001 Sem./Year: 01 SEMESTER
 Institution Code: 164 Institution: UNIVERSITY SCHOOL OF INFORMATION TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	07601	MEDC601	ADVANCED DIGITAL COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
02	42601	MEEC601	OPTOELECTRONICS AND OPTICAL FIBRE COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	40	60	100	50
03	52601	MEVS601	DSD USING VERILOG	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
04	42607	MEEC607	ADVANCED COMPUTER NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
05	48607	MECS607	ADVANCED COMPUTER ARCHITECTURE	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50
06	42651	MEEC651	LAB-1	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	42653	MEEC653	LAB-2	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	42655	MEEC655	TERM PAPER-I	2	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
09	53705	MEIT705	RELIABILITY ENGINEERING	4	THEORY	UES	ELECTIVE	DROPPABLE	40	60	100	50

