

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 112 Programme Name: BACHELOR OF TECHNOLOGY (MECHATRONICS) SchemeID: 191122013001 Sem./Year: 07 SEMESTER
Institution Code: 702 Institution: DELHI INSTITUTE OF TOOL ENGINEERING

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	111401	ETAT401	COMPUTER AIDED DESIGN	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	36401	ETME401	AUTOMOBILE ENGINEERING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
03	112403	ETMT403	MICRO ELECTRO MECHANICAL SYSTEM AND NANO TECHNOLOGY	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	112405	ETMT405	MECHANTRONICS SYSTEM DESIGN	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	112407	ETMT407	IC ENGINES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
06	112409	ETMT409	DIGITAL IMAGE PROCESSING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
07	112411	ETMT411	PRODUCT DESIGN AND COSTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
08	36413	ETME413	NON - CONVENTIONAL MANUFACTURING PROCESS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
09	112415	ETMT415	PROCESS MODELLING AND OPTIMIZATION TECHNIQUE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
10	49419	ETEE419	RENEWABLE ENERGY RESOURCES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
11	98419	ETHS419	SOCIOLOGY AND ELEMENTS OF INDIAN HISTORY FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
12	112421	ETMT421	WASTE AND HEAT RECOVERY SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
13	36421	ETME421	MANAGEMENT INFORMATION SYSTEM AND ERP	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
14	36423	ETME423	FINITE ELEMENT METHOD	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
15	112425	ETMT425	FUZZY LOGIC AND NEURAL NETWORKS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
16	27425	ETCS425	DATABASE MANAGEMENT SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
17	112427	ETMT427	OPERATIONS RESEARCH	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
18	112429	ETMT429	DECISION SCIENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
19	27429	ETCS429	ARTIFICIAL INTELLIGENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
20	111451	ETAT451	CAD LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
21	112453	ETMT453	LAB BASED ON ELECTIVE - I AND II	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
22	112457	ETMT457	SEMINAR (TOPIC SHOULD BE LINKED TO INDUSTRIAL TRAINING/ SOFT SKILLS LEARNT)	1	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	50
23	112459	ETMT459	INDUSTRIAL TRAINING	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	0	100	100	50
24	112461	ETMT461	MINOR PROJECT	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 112 Programme Name: BACHELOR OF TECHNOLOGY (MECHATRONICS) SchemeID: 191122013002 Sem./Year: 07 SEMESTER
Institution Code: 702 Institution: DELHI INSTITUTE OF TOOL ENGINEERING

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	111401	ETAT401	COMPUTER AIDED DESIGN	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	36401	ETME401	AUTOMOBILE ENGINEERING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
03	112403	ETMT403	MICRO ELECTRO MECHANICAL SYSTEM AND NANO TECHNOLOGY	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	112405	ETMT405	MECHANTRONICS SYSTEM DESIGN	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	112407	ETMT407	IC ENGINES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
06	112409	ETMT409	DIGITAL IMAGE PROCESSING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
07	112411	ETMT411	PRODUCT DESIGN AND COSTING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
08	36413	ETME413	NON - CONVENTIONAL MANUFACTURING PROCESS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
09	112415	ETMT415	PROCESS MODELLING AND OPTIMIZATION TECHNIQUE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
10	49419	ETEE419	RENEWABLE ENERGY RESOURCES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
11	98419	ETHS419	SOCIOLOGY AND ELEMENTS OF INDIAN HISTORY FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
12	112421	ETMT421	WASTE AND HEAT RECOVERY SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
13	36421	ETME421	MANAGEMENT INFORMATION SYSTEM AND ERP	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
14	36423	ETME423	FINITE ELEMENT METHOD	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
15	112425	ETMT425	FUZZY LOGIC AND NEURAL NETWORKS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
16	27425	ETCS425	DATABASE MANAGEMENT SYSTEMS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
17	112427	ETMT427	OPERATIONS RESEARCH	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
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