

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 111 Programme Name: BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING) SchemeID: 191112013001 Sem./Year: 07 SEMESTER
Institution Code: 255 Institution: JIMS ENGINEERING MANAGEMENT TECHNICAL CAMPUS, GREATER NOIDA

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	36401	ETME401	AUTOMOBILE ENGINEERING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	111403	ETAT403	MECHATRONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
03	36403	ETME403	COMPUTER INTEGRATED MANUFACTURING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	36405	ETME405	POWER PLANT ENGINEERING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	36407	ETME407	OPTIMIZATION TECHNIQUES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
06	36409	ETME409	PREVENTIVE MAINTENANCE AND CONDITION MONITORING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
07	27411	ETCS411	INTRODUCTION TO DATA SCIENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
08	36411	ETME411	COMPUTATIONAL FLUID DYNAMICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
09	36413	ETME413	NON-CONVENTIONAL MANUFACTURING PROCESS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
10	36415	ETME415	GEOMETRIC MODELLING AND PRODUCT DESIGN	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
11	36417	ETME417	ADVANCED MATERIAL SCIENCE AND METALLURGY	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
12	49419	ETEE419	RENEWABLE ENERGY RESOURCES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
13	98419	ETHS419	SOCIOLOGY AND ELEMENTS OF INDIAN HISTORY FOR ENGINEERS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
14	36421	ETME421	MANAGEMENT INFORMATION SYSTEMS AND ERP	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
15	36423	ETME423	FINITE ELEMENT METHODS	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	36427	ETME427	ROTOR DYNAMICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
19	27429	ETCS429	ARTIFICIAL INTELLIGENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
20	36451	ETME451	AUTOMOBILE ENGINEERING LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
21	36453	ETME453	COMPUTER INTEGRATED MANUFACTURING LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
22	36455	ETME455	LAB BASED ON ELECTIVE-I AND II	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
23	36457	ETME457	MINOR PROJECT +	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
24	36459	ETME459	SEMINAR	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
25	36461	ETME461	INDUSTRIAL TRAINING	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 111 Programme Name: BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING) SchemeID: 191112013002 Sem./Year: 07 SEMESTER
Institution Code: 255 Institution: JIMS ENGINEERING MANAGEMENT TECHNICAL CAMPUS, GREATER NOIDA

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	36401	ETME401	AUTOMOBILE ENGINEERING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	111403	ETAT403	MECHATRONICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
03	36403	ETME403	COMPUTER INTEGRATED MANUFACTURING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	36405	ETME405	POWER PLANT ENGINEERING	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	36407	ETME407	OPTIMIZATION TECHNIQUES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
06	36409	ETME409	PREVENTIVE MAINTENANCE AND CONDITION MONITORING	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
07	27411	ETCS411	INTRODUCTION TO DATA SCIENCE	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
08	36411	ETME411	COMPUTATIONAL FLUID DYNAMICS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
09	36413	ETME413	NON-CONVENTIONAL MANUFACTURING PROCESS	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
10	36415	ETME415	GEOMETRIC MODELLING AND PRODUCT DESIGN	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
11	36417	ETME417	ADVANCED MATERIAL SCIENCE AND METALLURGY	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
12	49419	ETEE419	RENEWABLE ENERGY RESOURCES	3	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	50
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