

DEPARTMENT: MECHANICAL ENGINEERING

THIRD TERM

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	3F 3201	Strength of Materials	3G233230	Strength of Materials	Practicum	Practicum (Theory + Practical)
2	3F 3202	Fluid Mechanics and Fluid Power	3G234230	Fluid Mechanics (G SCHEME - IV TERM)	Practicum	Practicum (Theory + Practical)
3	3F 3203	Manufacturing Technology - I	3G233110	Manufacturing Process	Theory	Theory
4	3F 3401	Electrical Drives and Control	3G233440	Industrial Drives and Control	Practicum	Practical
5	3F 3204	Strength of Materials & Fluid Mechanics Practical	NO EQUIVALENT			
6	3F 3402	Electrical Drives and Control Practical	3G233440	Industrial Drives and Control	Practicum	Practical
7	3F 3205	Manufacturing Technology - I Practical	3G233620	Workshop Practices	Practical	Practical

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FOURTH TERM

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	3F 4206	Thermal Engineering - I	3G234340	Heat power Engineering	Practicum	Practical
2	3F 4207	Manufacturing Technology – II	3G234110	Advanced manufacturing Technology	Theory	Theory
3	3F 4301	Measurements and Metrology	3G233340	Metrology and measurements (G SCHEME - III TERM)	Practicum	Practical
4	3F 4403	E Vehicle Technology Policy	NO EQUIVALENT			
5	3F 4208	Machine Drawing and CAD Practical	3G233540	Production Drawing and Modeling (G SCHEME - III TERM)	Practicum	Practical
6	3F 4302	Measurements and Metrology Practical	3G233340	Metrology and measurements (G SCHEME - III TERM)	Practicum	Practical
7	3F 4209	Manufacturing Technology II practical	3G234640	Machine tool Technology	Practicum	Practical
8	3F0006	UNIVERSAL HUMAN VALUES	NO EQUIVALENT			


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FIFTH TERM

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	3F 5303	Design of Machine Elements	3G235110	ELEMENTS OF MACHINE DESIGN	Theory	THEORY
2	3F5210	Thermal Engineering-II	3G234340	Heat power Engineering (G SCHEME - IV TERM)	Practicum	Practical
3	3F 5304.1	Computer Integrated Manufacturing	NO EQUIVALENT			
	3F 5304.2	Automobile Technology	3G235441	Automobile Technology	Practicum	Practical
4	3F 5305	Solid Modeling Practical	NO EQUIVALENT			
5	3F 5211	Thermal Engineering Practical	3G234340	Heat power Engineering (G SCHEME - IV TERM)	Practicum	Practical
6	3F 5306.1	Computer Integrated Manufacturing Practical	NO EQUIVALENT			
	3F5306.2	Automobile Engineering practical	3G235441	Automobile Technology	Practicum	Practical
7	3F5404	ENTREPRENEURSHIP & START UP	NO EQUIVALENT			
8	3F0007	CONCURRENT CAREER DEVELOPMENT	NO EQUIVALENT			

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LIST OF ALTERNATE SUBJECTS FOR F – SCHEME TO G- SCHEME

DEPARTMENT: MECHANICAL ENGINEERING

SIXTH TERM

F - SCHEME			G - SCHEME			
S.NO	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE TYPE	END EXAM
1	3F6307	INDUSTRIAL ENGINEERING & MANAGEMENT ✓	3G235230	INDUSTRIAL ENGINEERING AND MANAGEMENT (V-TERM G SCHEME)	PRACTICUM	PRACTICUM (THEORY + PRACTICAL)
2	3F6308	MECHATRONICS ✓	NOT EQUIVALENT			THEORY
3	3F6309.1	ELECTIVE THEORY-II WELDING TECHNOLOGY	3G236111	ADVANCED WELDING TECHNOLOGY (VI TERM G SCHEME)	THEORY	THEORY
	3F6309.2	REFRIGERATION AND AIR CONDITIONING	3G235331	REFRIGERATION AND AIR CONDITIONING (V-TERM G-SCHEME)	PRACTICUM	PRACTICUM (THEORY + PRACTICAL)
4	3F6310	PROCESS AUTOMATION PRACTICAL	NOT EQUIVALENT			PRACTICAL
5	3F6311.1	ELECTIVE PRACTICAL-II I. WELDING TECHNOLOGY PRACTICAL	NOT EQUIVALENT			PRACTICAL
	3F6311.2	II. REFRIGERATION & AIR CONDITIONING PRACTICAL	3G235331	REFRIGERATION AND AIR CONDITIONING (V-TERM G-SCHEME)	PRACTICUM	PRACTICUM (THEORY + PRACTICAL)
6	3F6405	PROJECT WORK AND INTERNSHIP	3G236374	IN HOUSE PROJECT (VI-TERM G- SCHEME)	PROJECT	PROJECT

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