

**QUALITY INDICATOR FRAMEWORK (QIF)**

1.3.2 Average percentage of courses that include experiential learning through project work/fieldwork/internship during last five years

ACADEMIC YEAR	2016-17				
PROGRAM	Mechanical Engineering				
SEMESTER	III-Semester				
COURSE TITLE	EXPERIENTIAL LEARNING				DOCUMENT LINK
	PROJECT WORK	FIELD WORK	INTERNSHIP	MOUs	
ENGINEERING MATHEMATICS - III	YES	NO	NO	NO	View Document
MATERIAL SCIENCE 15 ME 32	YES	NO	NO	NO	View Document
BASIC THERMODYNAMICS 15 ME 33	YES	NO	NO	NO	View Document
MECHANICS OF MATERIALS 15 ME 34	YES	NO	YES	NO	View Document
METAL CASTING AND WELDING 15 ME 35 A	YES	NO	NO	NO	View Document
MACHINE TOOLS AND OPERATIONS 15 ME 35 B	YES	NO	NO	NO	View Document
COMPUTER AIDED MACHINE DRAWING 15ME36 A/46A	YES	NO	NO	NO	View Document
MECHANICAL MEASUREMENTS AND METROLOGY 15 ME 36 B / 46B	YES	NO	NO	NO	View Document
MATERIALS TESTING LAB 15MEL37A/47A	YES	NO	NO	NO	View Document
MECHANICAL MEASUREMENTS AND METROLOGY LAB 15MEL 37B / 47B	YES	NO	NO	NO	View Document
FOUNDRY AND FORGING LAB 15MEL38A	YES	NO	NO	NO	View Document



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PROGRAM	Mechanical Engineering				
SEMESTER	IV-Semester				
COURSE TITLE	EXPERIENTIAL LEARNING				DOCUMENT LINK
	PROJECT WORK	FIELD WORK	INTERNSHIP	MOUs	
ENGINEERING MATHEMATICS - Iv	YES	NO	NO	NO	VIEW DOCUMENT
KINEMATICS OF MACHINES 15ME42	YES	NO	NO	NO	VIEW DOCUMENT
Applied Thermodynamics 15ME43	YES	NO	NO	NO	VIEW DOCUMENT
Fluid Mechanics 15ME44	YES	NO	NO	NO	VIEW DOCUMENT
METAL CASTING AND WELDING 15 ME 45 A	YES	NO	NO	NO	VIEW DOCUMENT
MACHINE TOOLS AND OPERATIONS 15 ME 45 B	YES	NO	YES	NO	VIEW DOCUMENT
COMPUTER AIDED MACHINE DRAWING 15ME46 A	YES	NO	NO	NO	VIEW DOCUMENT
MECHANICAL MEASUREMENTS AND METROLOGY 15 ME 46B	YES	NO	YES	NO	VIEW DOCUMENT
MATERIALS TESTING LAB 15MEL47A	YES	NO	NO	NO	VIEW DOCUMENT
MECHANICAL MEASUREMENTS AND METROLOGY LAB 15MEL47B	YES	NO	NO	NO	VIEW DOCUMENT
FOUNDRY AND FORGING LAB 15MEL48A	YES	NO	NO	NO	VIEW DOCUMENT
MACHINE SHOP 15MEL48 B	YES	NO	NO	NO	VIEW DOCUMENT

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PROGRAM	Mechanical Engineering				
SEMESTER	V-Semester				
COURSE TITLE	EXPERIENTIAL LEARNING				DOCUMENT LINK
	PROJECT WORK	FIELD WORK	INTERNSHIP	MOUs	
MANAGEMENT AND ENTREPRENEURSHIP10AL51	YES	NO	NO	YES	View Document
DESIGN OF MACHINE ELEMENTS-I10ME52	YES	NO	yes	NO	View Document
ENERGY ENGINEERING10ME53	YES	NO	YES	YES	View Document
DYNAMICS OF MACHINES10ME54	YES	NO	yes	NO	View Document
MANUFACTURING PROCESS – III 10ME55	YES	NO	YES	NO	View Document
TURBO MACHINES10ME56	YES	NO	NO	NO	View Document
FLUID MECHANICS AND MACHINES LABORATORY 10MEL57	YES	NO	NO	NO	View Document
ENERGY CONVERSION ENGINEERING LABORATORY 10MEL58	YES	NO	NO	NO	View Document



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PROGRAM	Mechanical Engineering				
SEMESTER	VI-Semester				
COURSE TITLE	EXPERIENTIAL LEARNING				DOCUMENT LINK
	PROJECT WORK	FIELD WORK	INTERNSHIP	MOUs	
COMPUTER INTEGRATED MANUFACTURING 10ME61	YES	NO	NO	NO	View Document
DESIGN OF MACHINE ELEMENTS – II10ME62	YES	NO	NO	NO	View Document
HEAT AND MASS TRANSFER10ME63	YES	NO	YES	NO	View Document
FINITE ELEMENT METHODS10ME64	YES	NO	NO	YES	View Document
MECHATRONICS & MICROPROCESSOR10ME65	YES	NO	NO	NO	View Document
DESIGN OF HEAT EXCHANGER10ME664	YES	NO	NO	NO	View Document
KNOWLEDGE MANAGEMENT10ME666	YES	NO	NO	NO	View Document
MECHANICS OF COMPOSITE MATERIALS10ME662	YES	NO	NO	YES	View Document
NON-TRADITIONAL MACHINING 10ME665	YES	NO	NO	NO	View Document
PROJECT MANAGEMENT 10ME667	YES	NO	NO	NO	View Document
REFRIGERATION AND AIR CONDITIONING 10ME663	YES	NO	NO	NO	View Document
STATISTICAL QUALITY CONTROL 10ME668	YES	NO	NO	NO	View Document
THEORY OF ELASTICITY 10ME661	YES	NO	NO	NO	View Document
HEAT & MASS TRANSFER LABORATORY10MEL67	YES	NO	NO	NO	View Document
COMPUTER AIDED MODELING AND ANALYSIS LABORATORY10MEL68	YES	NO	NO	NO	View Document



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PROGRAM	Mechanical Engineering				
SEMESTER	VII-Semester				
COURSE TITLE	EXPERIENTIAL LEARNING				DOCUMENT LINK
	PROJECT WORK	FIELD WORK	INTERNSHIP	MOUs	
ENGINEERING ECONOMY 10ME71	YES	NO	yes	NO	View Document
MECHANICAL VIBRATIONS 10ME72	YES	NO	YES	NO	View Document
HYDRAULICS AND PNEUMATICS 10ME73	YES	NO	NO	NO	View Document
OPERATION RESEARCH 10ME74	YES	NO	NO	NO	View Document
DESIGN LABORATORY 10MEL77	YES	NO	NO	NO	View Document
CIM & AUTOMATION LAB 10MEL78	YES	NO	NO	NO	View Document
MECHANISM DESIGN 10ME751	YES	NO	NO	NO	View Document
THEORY OF PLASTICITY 10ME752	YES	NO	NO	NO	View Document
ENGINEERING DESIGN 10ME753	YES	NO	NO	NO	View Document
NON-CONVENTIONAL ENERGY SOURCES 10ME754	YES	NO	NO	YES	View Document
GAS DYNAMICS 10ME755	YES	NO	NO	NO	View Document
MANAGEMENT INFORMATION SYSTEM 10ME756	YES	NO	NO	NO	View Document
AUTOMATION IN MANUFACTURING 10ME757	YES	NO	NO	NO	View Document
TOTAL QUALITY MANAGEMENT 10ME758	YES	NO	NO	NO	View Document
EXPERIMENTAL STRESS ANALYSIS 10ME761	YES	NO	NO	NO	View Document
TOOL DESIGN 10ME762	YES	NO	NO	NO	View Document
CRYOGENICS 10ME763	YES	NO	NO	NO	View Document
SMART MATERIALS 10ME764	YES	NO	NO	NO	View Document
AGILE MANUFACTURING 10ME765	YES	NO	NO	NO	View Document
ROBOTICS 10ME766	YES	NO	NO	NO	View Document
FINANCE MANAGEMENT 10ME767	YES	NO	NO	NO	View Document
MICRO AND SMART SYSTEMS TECHNOLOGY 10ME768	YES	NO	NO	NO	View Document
PRODUCT LIFE CYCLE MANAGEMENT 10ME769	YES	NO	NO	NO	View Document

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SEMESTER	VIII-Semester				
COURSE TITLE	EXPERIENTIAL LEARNING				DOCUMENT LINK
	PROJECT WORK	FIELD WORK	INTERNSHIP	MOUs	
OPERATION MANAGEMENT 10ME81	YES	NO	NO	NO	View Document
CONTROL ENGINEERING 10ME82	YES	NO	NO	NO	View Document
TRIBOLOGY 10ME831	YES	NO	NO	NO	View Document
FRACTURE MECHANICS 10ME832	YES	NO	NO	NO	View Document
POWER PLANT ENGINEERING 10ME833	YES	NO	NO	YES	View Document
NANOTECHNOLOGY 10ME834	YES	NO	NO	NO	View Document
ORGANIZATIONAL BEHAVIOUR & PROFESSIONAL COMMUNICATION 10ME835	YES	NO	NO	NO	View Document
COMPUTER GRAPHICS 10ME836	YES	NO	NO	NO	View Document
RAPID PROTOTYPING 10ME837	YES	NO	NO	NO	View Document
FOUNDRY TECHNOLOGY 10ME838	YES	NO	NO	NO	View Document
MACHINE TOOL DESIGN 10ME841	YES	NO	NO	NO	View Document
INDUSTRIAL ENGINEERING AND ERGONOMICS 10ME842	YES	NO	YES	NO	View Document
BIOMASS ENERGY SYSTEMS 10ME843	YES	NO	NO	NO	View Document
AUTOMOTIVE ENGINEERING 10ME844	YES	NO	yes	NO	View Document
DATABASE MANAGEMETN SYSTEM 10ME845	YES	NO	NO	NO	View Document
ARTIFICIAL INTELLIGENCE 10ME846	NO	NO	NO	NO	View Document
DESIGN OF EXPERIMENTS 10ME847	NO	NO	NO	NO	View Document
DESIGN FOR MANUFACTURING AND ASSEMBLY 10ME848	NO	NO	NO	NO	View Document