

SCHOOL OF RESEARCH & TECHNOLOGY

AN ISO 9001: 2008 Certified Institute

Course Outcomes		Department -		Mechanical Engineering	
Course Title:	Advanced Manufacturing Process				
Course Code:	DME-501				
Program:	DIPLOMA			Semester: V	
Credits:	L 3	T 1	Total: 4		
Course Outcome					
1	To understand Unconventional Machining Methods, ECM, EDM				
2	To understand Numerical control, Computer Numerical control, Direct Numerical Control				
3	To understand Plastic Moulding: Types of plastic, Compression moulding, Transfer moulding				
4	To understand the forming and generation of gears, principle of gear shaping				
5	To understand Machine Tool Drives : Requirements of machine tools, elements of machine tools				
Course Outcomes		Department -		Mechanical Engineering	
Course Title:	Metrology				
Course Code:	DME-502				
Program:	DIPLOMA			Semester: V	
Credits:	L 3	Tutorial 1	Total: 4		
Course Outcome					
1	To understand Introduction to metrology Precision, Accuracy, Sensitivity, Readability, Calibration				
2	To understand Slip gauge and its accessories, Length bars, Sigma comparator, Pneumatic comparator,				
3	To understand Limits, Fits ,Tolerances and Gauges Concept of Limits, Fits, And Tolerances				
4	To understand Angular Measurement Concept, Instruments For Angular, Universal Bevel Protractor, Sine Bar, Spirit Level, Principle of Working of Clinometers, Angle Gauges				
5	To understand Thread Metrology ISO grade and fits of thread, Errors in threads, Pitch errors,				
Course Outcomes		Department -		Mechanical Engineering	
Course Title:	Measurement and Control				
Course Code:	DME-503				
Program:	DIPLOMA			Semester: V	
Credits:	L 3	P-2 , T-1	Total : 6		
Course Outcome					
1	To calculate measurement of error- classification of errors, environmental errors, signal transmission errors				
2	To understand the various Temperature measurements instrument				
3	To understand the various Flow measurements-				
4	To understand the various Strain Measurement-				
5	To understand the various Control systems				

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Course Outcomes		Department -		Mechanical Engineering	
Course Title:	Power Plant Engineering				
Course Code:	DME-504				
Program:	DIPLOMA			Semester: V	
Credits:	L-3	P-2 , T-1		Total :6	
Course Outcome					
1	To understand the various power plant cycle in detail.				
2	to understand the nuclear power plant				
3	To study the different types of boiler in power plant				
4	To Study the heat & mass Transfer in Boiler				
Course Outcomes		Department -		Mechanical Engineering	
Course Title:	Automobile Engineering				
Course Code:	DME-505				
Program:	DIPLOMA			Semester: V	
Credits:	L-3	P-2 , T-1		Total :6	
Course Outcome					
1	To know the different components of automobile				
2	Aware about different steering mechanism				
3	Understand the working of brake and clutch				
4	Aware about automobile performance				
5	Understand different automobile linkages				
Course Outcomes		Department -		Mechanical Engineering	
Course Title:	MINOR PROJECT				
Course Code:	DME-506				
Program:	DIPLOMA			Semester: V	
Credits:	T 0	P -4		Total -4	
Course Outcome					
1	The purpose of Project in Mechanical Engineering is to develop the necessary knowledge, understanding Practical knowledge .				
2	demonstrated the ability to analyze, design and improve practical thermal and/or mechanical systems.				
3	To understand the mechanical behaviour of understanding of designing process by getting data from actual project.				
4	Shown the ability to communicate effectively and work well on team based engineering projects				
5	Mechanical Engineering plays a vital role in the various field like thermal, production, design etc.				

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Course Outcomes		Department -		Mechanical Engineering	
Course Title:	INDUSTRIAL TRAINING				
Course Code:	DME-507				
Program:	DIPLOMA			Semester: V	
Credits:	L-0	P-4	Total-4		
Course Outcome					
1	The objective of undertaking industrial training is to provide work experience				
2	Students engineering knowledge is enhanced and employment prospects are improved				
3	Industrial training also provides an opportunity to students to select an engineering problem				
4	Possibly an industry guide for their project.				
5	To enhance Knowledge about the Industrial Training in Engineering				