

Course Outcomes		Department -	Mechanical Engineering
Course Title:	Material Science		
Course Code:	DME-301		
Program:	DIPLOMA	Semester:-III	
Credits:	L-3	T-1,P-2	Total-6
Course Outcome			
1	To understand the Engineering material testing : Destructive including Tensile, compression, hardness, impact test fatigue test.		
2	Explain the concept of phase & phase diagram & understand the basic terminologies associated with metallurgy.		
3	Understand heat treatment process & types.Surface hardening & its types		
4	To understand Non- Metallic Materials, Ceramic Refractory, Rubbers Insulators and Lubricants		
5	To understand Powder Metallurgy and Metal Preservation Corrosion meaning various mechanism effect of corrosion, methods of minimizing corrosion		
Course Outcomes		Department -	Mechanical Engineering
Course Title:	Machine Drawing		
Course Code:	DME-302		
Program:	DIPLOMA	Semester:-III	
Credits:	L-3	T-1,P-2	Total-6
Course Outcome			
1	To understand Orthographic projection. First and third angle projection		
2	To draw Full section, half section, partial or broken section, revolved section, removed section.		
3	To understand Dimensioning Tolerance, Machining And Welding Symbols:		
4	To understand Production Drawing: Detailed drawing, assembly drawing, scale, finish tolerances,		
5	To understand the principles involved in evaluating the dimensions of a component i.e. Knuckle joint, cotter joint Levers, Shafts, Keys, Coupling, Springs and Fasters.		

Course Outcomes		Department -	Mechanical Engineering
Course Title:	Strength of Materials		
Course Code:	DME-303		
Program:	DIPLOMA	Semester:-III	
Credits:	L-3	T-1,P-2	Total-6
Course Outcome			
1	Carry out calculation of different type of stresses on various components.		
2	Understand the behaviour and analyse stress in frame		
3	To understand the calculation of shear force and bending diagrams		
4	To study about identification of different types Spring, stiffness of a spring and maximum shear stress, deflection of spring . Spring Classification based on size shape and load		
5	To undrestand Thin Cylinders and Spheres Hoop stress longitudinal stress on inclined plane.		

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Course Outcomes		Department -	Mechanical Engineering
Course Title:	Electrical Engineering		
Course Code:	DME-304		
Program:	DIPLOMA	Semester:-III	
Credits:	L-04	P-02	Total:06
Course Outcome			
1	To understand the electric power generation, transmission distribution & Utilization. AC supply & DC supply		
2	Introduction to construction, operation and use of AC & DC ammeter, voltmeter.		
3	To understand and study A. C .Machines Transformer: Construction and principle of operation		
4	To understand Construction and principle of operation of 3 phase induction Motor. Speed torque characteristics		
5	To understand Utilisation of Electrical Energy Industrial applications: Electrical drives, factors		
Course Outcomes		Department -	Mechanical Engineering
Course Title:	Manufacturing Process		
Course Code:	DME-305		
Program:	DIPLOMA	Semester:-III	
Credits:	L-3	P-0, Tt-2	Total
Course Outcome			
1	To understand Forging , Rolling and Extrusion process		
2	To understand the Press working and Types of presses and Specifications,		
3	To study Casting Patterns - Material used, types, Patterns allowances, Cores, Core allowances , Moulds - Mould materials		
4	To understand Welding Classification , Gas welding techniques , Types of welding flames		
5	To understand Lathe, Drilling and Milling Machine.		

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Course Outcomes		Department -	Mechanical Engineering
Course Title:	Auto cad		
Course Code:	DME-306		
Program:	DIPLOMA	Semester:-III	
Credits:	T=0	P=4	Total=4
Course Outcome			
1	Navigate throughout AutoCAD using major navigating tools		
2	Understand the concept and techniques to draw		
3	Create multiple designs using several of tools.		
4	Create layers to control the objects' visibility.		
5	Plot or print the drawing by scale		
Course Outcomes		Department -	Mechanical Engineering
Course Title:	PROFESSIONAL SKILL		
Course Code:	DME-307		
Program:	DIPLOMA	Semester:-III	
Credits:	T=0	P=4	Total=4
Course Outcome			
1	To understand self introduction techniques		
2	Aware about presentation quality		
3	Understand the importance of strength & weakness of individual		
4	Implementing the tips of body language for different situation		
5	Preparation of content for deliver in seminar		

