Course Outcomes		**Department -**	**Mechanical Engineering**
Course Title:	**MANAGEMENT AND QUALITY CONTROL**		
Course Code:	**DME-601**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**L-3**	**P-0,T-2**	**Total:5**
Course Outcome			
1	Apply the principles and techniques of Total Quality Management in improving quality practices within an industrial or service organization.		
2	Select and develop appropriate instrumentation techniques to measure product and process performance.		
3	Apply principles of modern logistic that involves the management of the movement, protection, and storage of product from supplier to customer.		
4	Lead or work with quality assurance professionals to assess, evaluate and improve quality planning procedures to ensure quality production using accepted quality assurance		
5	Use statistical process control techniques (SPC) recognized throughout industries to ensure the quality level of products.		
Course Outcomes		**Department -**	**Mechanical Engineering**
Course Title:	**ADVANCED PRODUCTION TECHNOLOGY**		
Course Code:	**DME-602(A) Elective-II**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**L-3**	**T-2**	**Total-5**
Course Outcome			
1	Be employed in jobs related to designing, modeling, analyzing, and managing modern complex systems.		
2	Calculate material cost of given component/product		
3	Perform break even analysis to calculate break even quantity.		
4	Investigate the problem of cost and suggest their solution using cost reduction techniques		
5	They will be able to list, justify and interpret productivity models in manufacturing and service organization.		

Course Outcomes		**Department -**	**Mechanical Engineering**
Course Title:	**Material Handling System**		
Course Code:	**DME-602(B) Elective-II**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**L-3**	**T-2**	**Total-5**
Course Outcome			
1	To discuss the material handling equipments & their applications.		
2	Calculate material cost of given component/product.		
3	To study the construction, working & maintenance of traction type conveyors.		
4	To discuss the different components of material handling systems.		
5	To study the mechanism used in material handling equipment in inindustries.		
Course Outcomes		**Department -**	**Mechanical Engineering**
Course Title:	**CAD/CAM AND AUTOMATION**		
Course Code:	**DME-602(C) Elective-II**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**L-3**	**T-2**	**Total-5**
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:	**MACHINE DESIGN**		
Course Code:	**DME-603**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**T- 3+1**	**P-2**	**Total-6**
Course Outcome			
1	To understand Design Procedure and design considerations.		
2	To practical use of Data book and other International Engineering Standards in machine part design.		
3	To understand the Material Properties , Failure theories, Strength Characteristic of Machine Components.		
4	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:	**REFRIGERATION AND AIR CONDITIONING**		
Course Code:	**DME-604**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**T- 3+1**	**P-2**	**Total-6**
Course Outcome			
1	To understand the principles of refrigeration and air conditioning.		
2	To calculate the cooling load for different applications.		
3	To select the right equipment for a particular application.		
4	The importance of pressure in refrigeration		
5	effect on ozone depletion		
Course Outcomes		**Department -**	**Mechanical Engineering**
Course Title:	**MAJOR PROJECT**		
Course Code:	**DME-605**		
Program:	**DIPLOMA**		**Semester: VI**
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 knowedlege .		
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 gatting 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.		
Course Outcomes		**Department -**	**Mechanical Engineering**
Course Title:	**GD/Seminar**		
Course Code:	**DME-606**		
Program:	**DIPLOMA**		**Semester: VI**
Credits:	**T- 0**	**P- 2**	**Total -2**
Course Outcome			
1	To understand self introduction techniques		
2	Aware about presentation quality		
3	Understand the importance of strengh & weakness of individual		
4	Implementing the tips of body language for different situation		
5	Preparation of content for deliver in seminar		