

DMW6801 Industrial Training (Mechanical-Undergraduate)

Level	6
Course Code	DMW6801
Course Title	Industrial Training (Mechanical-Undergraduate)
Credit value	8
Core/Optional	Core (Mechanical)
Course Aim/s	Aim of this course is to provide an opportunity to get exposure for technical, supervisory and managerial aspects in mechanical engineering work environment along with health & safety, social, ethical, environmental and economical aspects.
Course Learning Outcomes (CLO):	<p>At the completion of this course student will be able to</p> <p>CLO1: Demonstrate in-depth and broad knowledge of mechanical systems and processes (such as conveying systems, power transmission systems, generation of process heat, heat treatment, metal forming and machining) in terms of working principles, construction and applications.</p> <p>CLO2: Follow appropriate and established procedures from receiving a job to a successful completion related to mechanical engineering work setup with the use of appropriate tools and machines.</p> <p>CLO3: Design and implement relevant safety measures in mechanical engineering setup in hazardous situations.</p> <p>CLO4: Communicate engineering information effectively to technical and non-technical audiences.</p> <p>CLO5: Work in teams for achieving common objectives.</p> <p>CLO6: Use resources effectively, efficiently and sustainably in carrying out specific activities.</p> <p>CLO7: Practice as an engineering professional in adherence to mechanical engineering and management concepts and investigate possibilities of improvements.</p>