

DMW4801 Industrial Training (Mechanical-Diploma)

<b>Level</b>	4
<b>Course Code</b>	DMW4801
<b>Course Title</b>	Industrial Training (Mechanical-Diploma)
<b>Credit value</b>	8
<b>Core/Optional</b>	Optional (Mechanical )
<b>Course Aim/s</b>	Aim of this course is to provide an opportunity to gain an exposure for middle level technical aspects in mechanical engineering work environment along with health & safety, environmental and ethical aspects.
<b>Course Learning Outcomes (CLO):</b>	<p>At the completion of this course student will be able to</p> <p>CLO1: Identify mechanical engineering concepts as applied in the real work environment.</p> <p>CLO2: Demonstrate 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>CLO3: 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>CLO4: Carry out primary mechanical engineering work such as installations, machine operations and maintenance work.</p> <p>CLO5: Identify and apply safety measures in relevant industry.</p> <p>CLO6: Communicate engineering information effectively to technical and non-technical audiences.</p> <p>CLO7: Work in teams for achieving common objectives.</p> <p>CLO8: Use resources effectively, efficiently and sustainably in carrying out specific activities.</p>