

DMX6302 Energy, Environment and Sustainability

Level	Level 6
Course Code	DMX6302
Course Title	Energy, Environment and Sustainability
Credit value	3
Core/Optional	Core
Course Aim/s	Aim of this course is to provide the knowledge of principles of energy, environment and sustainability and its applications
Course Learning Outcomes (CLO):	<p>At the completion of this course student will be able to:</p> <p>CLO1: Demonstrate the knowledge on local and global energy scenario and future trends.</p> <p>CLO2: Demonstrate the knowledge of energy sources, harnessing and conversion processes.</p> <p>CLO3: Explain the impact of different energy conversion processes on the environment.</p> <p>CLO4: Engage in activities that will minimize unfavourable effects on the environment with a sound knowledge on environmental pollution.</p> <p>CLO5: Use Environmental Management tools to assess the impacts on environment due to human activities.</p> <p>CLO6: Implement projects conforming to National and international policies and conventions for energy and environment.</p>
Content	<p>Outline Syllabus:</p> <p>Unit 01: Introduction to Energy, Environment and sustainability</p> <p>Unit 02: Non renewable energy sources</p> <p>Unit 3: Anthropogenic activities and its impact</p> <p>Unit 4: Engage in activities that will minimize unfavourable effects</p> <p>Unit 5: Environmental Management tools</p> <p>Unit 6: National and international policies for energy and environment</p>