

Module Title:	Product Development
Academic year:	2009 – 2010
Credit Value:	3 - Mandatory
Pre- requisites:	Management Practice 2
Assessment:	60% Final Exam, 40% Continuous Assessment (C.A.)
Aims	This module aims to equip the student with the skills to understand emerging technologies, mechanical design process and access to technical information. The student will show awareness of manufacturing, electronic and environment regulation. He/She will be able to analyse business plans and project appraisal.
Module Content	<ul style="list-style-type: none"> • Innovation • Electronic Product Development • Mechanical Design and Prototyping • Financing Product Development and Project Appraisal • Environment
Intended Learning Outcomes:	<p>On successful completion of the module the student will be expected to be able to:</p> <ol style="list-style-type: none"> 1. Describe historical, current and emerging approaches to innovation in industry 2. Explain the mechanical design process for electronic products 3. Explain and evaluate the regulatory environment for products 4. List sources of information, technical assistance and funding for product development 5. Prepare a professional business plan, and financially assess a development project.