

Module Title:	Project 2 – Semester 6
Academic year:	2009 – 2010
Credit Value:	5 – Mandatory
Pre- requisites:	Project 1
Assessment:	100% Project
Aims	Project 2 is a continuation of Project 1. Project is largely a self teaching subject. Each student will be assigned to a supervisor who monitors progress and suggests solutions in the event of difficulties. The project activities may deviate from the subject topics on the recommendation of the supervisor.
Module Content	<ul style="list-style-type: none"> • Maintenance of logbook with weekly entries; • Familiarisation, through regular use, of various lab equipment; • Information search; • Analysis of different techniques and selection of optimal one. Associated circuit/software design; • Ordering of componenets • Use of software/hardware design tools where applicable; • Assembly of components on PCBs; • Testing and Troubleshooting; • Housing of PCB; • Writing of project reports; • Oral presentation and examination.
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. Be able to conduct a feasibility study and do elementary circuit design and/or software; 2. Be able to construct and troubleshoot an electronic circuit and/or related software; 3. Have developed interpersonal and formal communication skills to facilitate integration into working teams in a real environment.