

E.G.S. PILLAY ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Accredited by NAAC with 'A' Grade | Accredited by NBA (CIVIL, CSE, ECE, EEE, IT, MECH)

NAGAPATTINAM – 611 002



M.E POWER ELECTRONICS AND DRIVES

Second Year – Fourth Semester

Course Code	Course Name	L	T	P	C	Maximum Marks		
						CA	ES	Total
Laboratory Course								
2104PE401	Project Work - Phase II	0	0	32	16	50	50	100
Total		0	0	32	16	50	50	100

2104PE401

PROJECT WORK - PHASE II

L T P C

0 0 32 16

Course Objectives

- 1 To develop skills to formulate a technical project.
- 2 To give guidance on the various tasks of the project and standard procedures.
- 3 To teach use of new tools, algorithms and techniques required to carry out the projects.
- 4 To give guidance on the various procedures for validation of the product and analyses the cost effectiveness.
- 5 To provide guidelines to prepare technical report of the project.

Course Outcomes (COs)

After completion of the course, students will be able to

CO1 Formulate a real world problem, identify the requirement and develop the design solutions

CO2 Identify technical ideas, strategies and methodologies

CO3 Utilize the new tools, algorithms, techniques that contribute to obtain the solution of the project

CO4 Perform test and validate through conformance of the developed prototype

CO5 Analysis the cost Effectiveness of the project

CO6 Explain the acquired knowledge through preparation of report and oral presentations

GUIDELINE FOR REVIEW AND EVALUATION

The student will be work under a project supervisor. The device/ system/component(s) to be fabricated may be decided in consultation with the supervisor and if possible with an industry. A project report has to be submitted by the student with the fabricated model, which will be reviewed and evaluated for internal assessment by a committee constituted by the head of the department. At the end of the semester examination, the project work is evaluated based on oral presentation and the project report jointly by external and internal examiners constituted by the head of the department