

Course No.	Course Name	L-T-P-Credits
08EE7241 (P)	MAIN PROJECT PHASE I	0-0-12-6

Course Objective:

To improve the professional competency and research aptitude by touching the areas which otherwise not covered by theory or laboratory classes. The project work aims to develop the work practice in students to apply theoretical and practical tools/techniques to solve real life problems related to industry and current research.

The project work can be a design project/experimental project and/or computer simulation project on any of the topics in power electronics/drives related topics. The project work is allotted individually on different topics. The students shall be encouraged to do their project work in the parent institute itself. If found essential, they may be permitted to carry out their main project outside the parent institute, subject to the conditions specified in the MTech regulations.

The student is required to undertake the Main project phase 1 during the third semester and the same is continued in the 4th semester (Phase 2). Phase 1 consist of preliminary thesis work, two reviews of the work and the submission of preliminary report. First review would highlight the topic, objectives, methodology and expected results. Second review evaluates the progress of the work, preliminary report and scope of the work which is to be completed in the 4th semester.

Project Evaluation:

Progress evaluation by the Project Supervisor: 20 Marks

Presentation and evaluation by the committee: 30 Marks

Total marks for the Project Phase 1: 50 Marks

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SEMESTER IV

Course No.	Course Name	L-T-P-Credits
08EE7212 (P)	MAIN PROJECT PHASE II	0-0-21-12

Course Objective:

To improve the professional competency and research aptitude by touching the areas which otherwise not covered by theory or laboratory classes. The project work aims to develop the work practice in students to apply theoretical and practical tools/techniques to solve real life problems related to industry and current research.

Main project phase 2 is a continuation of project phase 1 started in the third semester. There would be two reviews in the fourth semester, first in the middle of the semester and the second at the end of the semester. First review is to evaluate the progress of the work, presentation and discussion. Second review would be a pre-submission presentation before the evaluation committee to assess the quality and quantum of the work done. . At least one technical paper is to be prepared for possible publication in journal or conferences. The technical paper is to be submitted along with the thesis.

Project Evaluation:

Project evaluation by the supervisor/s: 30 Marks

Presentation & evaluation by the Committee: 40 Marks

Evaluation by the External expert: 30 Marks

Total marks for the Project Phase 2: 100 Marks