

NIRMA UNIVERSITY

Institute:	Institute of Technology
Name of Programme:	M. Tech. in Electrical Engineering (Electric Vehicular Technology)
Semester:	III
Course Code:	7EE191
Course Title:	Major Project Part - I
Course Type:	(<input checked="" type="checkbox"/> Core/ <input type="checkbox"/> Value Added Course / <input type="checkbox"/> Department Elective / <input type="checkbox"/> Institute Elective/ <input type="checkbox"/> University Elective/ <input type="checkbox"/> Open Elective / <input type="checkbox"/> Any other)
Year of Introduction:	2023 – 24

L	T	Practical component				C
		LPW	PW	W	S	
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Course Learning Outcomes (CLO):

After successful completion of the course, student will be able to -

1. understand the issues related with the recent trends in the field of engineering and its applications **(BL2)**
2. formulate the problem definition, analyze and carry out functional simulation **(BL4)**
3. design, implement, test and verify the engineering solution related to problem definition **(BL6)**
4. compile, comprehend and present the work carried out **(BL5)**
5. manage project **(BL5)**

Description:

The Major Project Part-I, a full time project, is aimed at training and preparing the students to analyze independently any problem preferably in the field of power systems or interdisciplinary domain. The project may be analytical or computational or experimental or combination of them based on the latest developments in area(s) mentioned.

At the end of the semester, the students will be required to submit detailed report. It should consist of objectives of study, scope of work, critical literature review and preliminary work done pertaining to the project undertaken and will defend his/her work carried out before the examiners at the time of final evaluation.

L = Lecture, T = Tutorial, P = Practical, C = Credit

w.e.f. academic year 2023-24 and onwards