

## NIRMA UNIVERSITY

<b>Institute:</b>	<b>Institute of Technology</b>
<b>Name of Programme:</b>	<b>M. Tech. in Electrical Engineering (Electric Vehicular Technology)</b>
<b>Semester:</b>	<b>IV</b>
<b>Course Code:</b>	<b>7EE192</b>
<b>Course Title:</b>	<b>Major Project Part - II</b>
<b>Course Type:</b>	( <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 )
<b>Year of Introduction:</b>	<b>2023 – 24</b>

L	T	Practical component				C
		LPW	PW	W	S	
-	-	-	-	-	-	<b>14</b>

### 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 a 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:

Major Project Part-II, a full time project, is a continuation of the work done by the student during Semester III. It shall be a detailed study of simulations and / or prototype development followed by analysis. The project shall be concluded by a simulation work / analytical proof / computation / software based implementation / test based verification or meaningful outcome.

The student is required to submit the project report (thesis) as a partial fulfilment of the M. Tech. degree. The project report should include the work of Major Project Part-I, which is completed in M. Tech. Sem. III. In addition, the project report should consist of the detailed study of the project undertaken, discussion on result analysis, concluding remarks, future scope of work, if any. The project report is expected to show clarity of thought and expression, critical appreciation of the existing literature and analytical computation and experimental aptitude of the student, as applicable.

At the end of the semester, the candidate 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