

## NIRMA UNIVERSITY

<b>Institute:</b>	Institute of Technology
<b>Name of Programme:</b>	B. Tech in Electronics and Instrumentation Engineering
<b>Course Code:</b>	2E1703
<b>Course Title:</b>	Minor Project
<b>Course Type:</b>	( <input checked="" type="checkbox"/> Core/ <input type="checkbox"/> Value Added Course/ <input type="checkbox"/> Departmental Elective/ <input type="checkbox"/> Institute Elective/ <input type="checkbox"/> University Elective/ <input type="checkbox"/> Any other)
<b>Year of introduction:</b>	2022-2023

### Credit Scheme

L	T	Practical component				C
		LPW	PW	W	S	
0	0	4	-	-	-	2

### Course Learning Outcomes (CLO):

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

1. make use of acquired knowledge for the problem identification and definition.
2. analyse the technical aspects of the project with a comprehensive and systematic approach.
3. propose and select the appropriate solution,
4. appraise the importance of an individual / team for effective execution,
5. compile and conclude the project with effective communication amongst peers, mentors and society.

### Syllabus:

The student(s) shall carryout project based on one or more of the following aspects – Prototype Design, Product Preparation / Development, Working Model, Fabrication of Set up, Laboratory Experiments, Process Modification / Development, Simulation, Software Application / Development, Integration of Software and Hardware, Data Analysis, Survey etc.

The student is required to submit a project report based on the work carried out.

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

**w.e.f. academic year 2024-25 and onwards.**

