

**Nirma University**  
**School of Technology, Institute of Technology**  
**B. Tech (Instrumentation and Control Engineering)**

**Semester VII**

| <b>L</b> | <b>T</b> | <b>P</b> | <b>C</b> |
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| 0        | 0        | 4        | 2        |

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|---------------------|----------------------|
| <b>Course Code</b>  | <b>2IC703</b>        |
| <b>Course Title</b> | <b>Minor Project</b> |

**Course Outcomes (CO):**

At the end of the course, students will be able to -

1. make use of acquired knowledge for the problem identification and definition,
2. analyze 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**