

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**DIPLOMA IN INSTRUMENTATION & CONTROL ENGINEERING**  
**SEMESTER: V**

Subject Name: **Project (With Seminar)**

<b>Sr. No.</b>	<b>Course Content</b>
1.	Selection of Project field
2.	Selection of Project task
3.	Procuring the circuit / diagrams/Engg. Drawings
4.	Modification /Simplifying of circuit with available components/parts
5.	Framing specifications of individual components
6.	Surveying & Procuring
7.	Developing Printed Circuit Board
8.	PCB Assembling, Wiring/ Soldering and Interconnecting
9.	Cabinet Design, Front Panel Layout, Display, Switches and other component Mounting / wiring in Cabinet
10.	Testing
11.	Defending Project with seminar

**Project Work:**

Project should be selected from the entire curriculum of subjects they have Studied and the students group (3 to 4 maximum) should do the following work for their project work.

**Evaluation Based on:**

1. Interest shown & work done during entire semester.
2. Building, testing & final result of project.
3. Seminar presentation.