

GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)**VI- SEMESTER****Course Title: Project work/Case study**

(Course Code: 1363406)

| Diploma Programme in which this course is offered | Semester in which offered |
|--|----------------------------------|
| Mechanical (Manufacturing Technology) | Sixth Semester |

| Module. | Topics | Hours |
|----------------|--|--------------|
| Module 1 | <p>1.0 Project Work A group of two students shall do project work / case study in their work area under the guidance of faculty and an executive from the work area. The project to bring out the application of learning's across semesters.</p> <p>2.0 Project Execution Steps for Project Execution Project Scope Data collection Analysis of data Cause identification Development of solutions Evaluation of solutions & selection of best solution Implementation of solution Evaluation of results Standardization & Documentation of solution</p> <p>3.0 Project Report Project report structured as under Selection of the project Data collection & Analysis Development of solution, trials & implementation Standardization Benefits of the project Presentation</p> <p>4.0 Project Evaluation Project evaluated for the following Results achieved Application of Learning & Knowledge acquired Quality of presentation - Data, Visuals</p> | 64h |