



“Mechanized Design Application”

Department: Mechanical Engineering

Course Name : Elective – III Energy Audit and Management

Final Year of Mechanical Engineering (2015 Course)

Course Code : 402049B

Course Objectives:

1. To introduce the concepts, principles and framework of contents of Industrial Engineering.
2. To acquaint the students with various productivity enhancement techniques.
3. To acquaint the students with different aspects of Production Planning and Control and Facility Design.
4. To introduce the concepts of various cost accounting and financial management practices as applied in industries.
5. To acquaint the students with different aspects of Human Resource activities and Industrial Safety rules.
6. To acquaint students with different aspect of simulation modeling for various industrial engineering applications.

Course Outcomes:

On completion of the course, students will be able to –

- CO1: Apply the Industrial Engineering concept
- CO2: Understand, analyze and implement different concepts involved in method study.
- CO3: Design and Develop different aspects of work system and facilities.
- CO4: Understand and Apply Industrial safety standards, financial management practices.
- CO5: Undertake project work based on modeling & simulation area.