



DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2023 - 24 (ODD SEMESTER)

BRIDGE COURSE REPORT

Year / Sem : II-MECH / 03

Course Name: "Basics of Mechanical Engineering"

Venue : Mechanical Smart Class room.

Objective of the Bridge Course:

- The objectives of a Basic Mechanical Engineering course are designed to provide students with a foundational understanding of fundamental principles and concepts in the field of Mechanical engineering.
- Familiarize students with the role and significance of mechanical engineering in the broader field of engineering.
- To know the properties and behaviour of materials used in different temperature and load condition.
- To understand the students to the ethical and professional responsibilities associated with mechanical engineering.

Methodology:

- Action plan of the bridge course is prepared well in advance by the senior faculty and get it approved by Head of the Department.
- Handle the lecture class with multimedia presentations, visual aids, and demonstrations.
- Provide opportunities for students to work with tools, instruments, and equipment commonly used in mechanical engineering.
- Use different evaluation methods such as quizzes, exams, assignments, and projects.

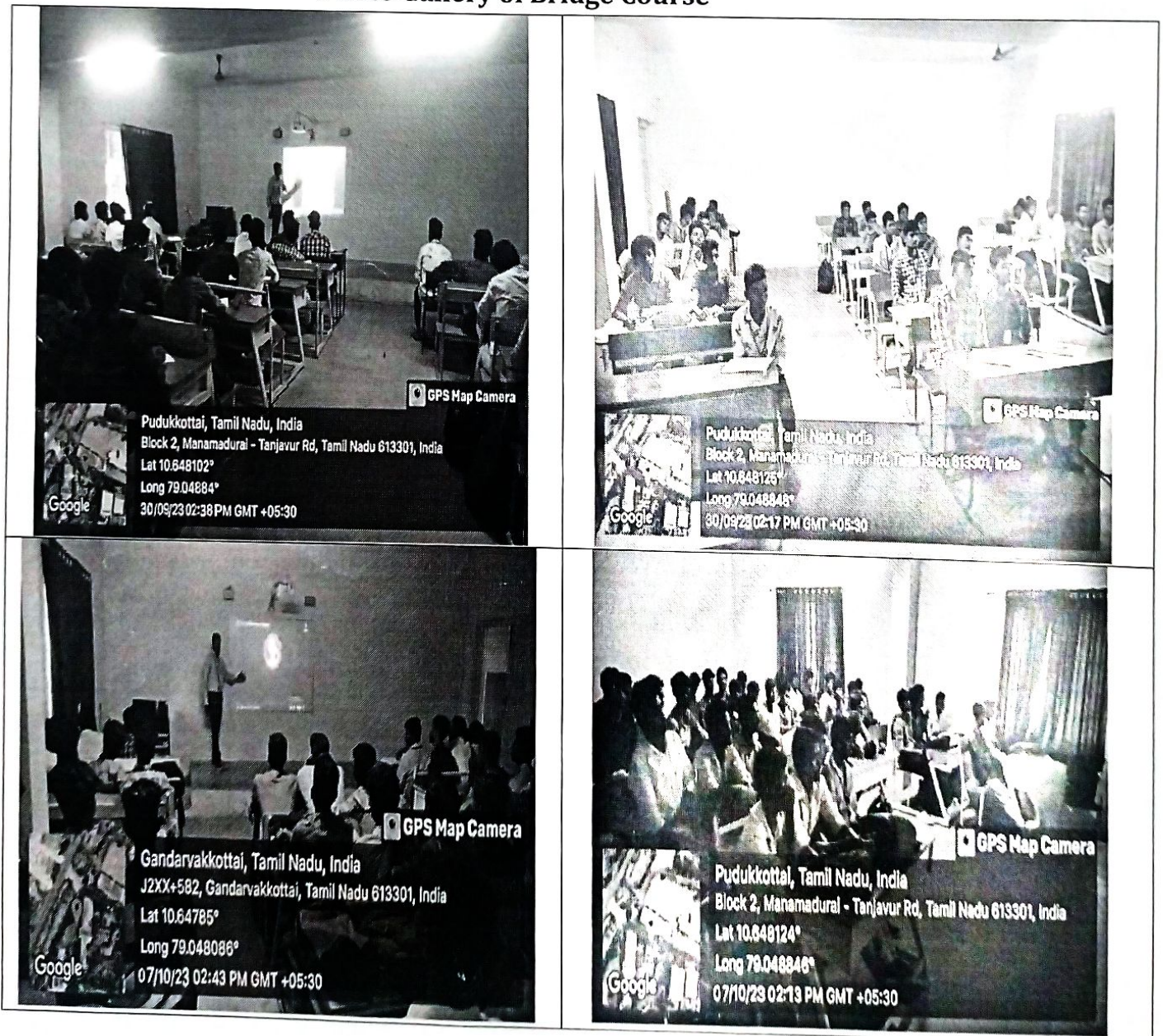
Session Details:

Dr.T.Pushparaj, HOD, Department of Mechanical Engineering delivered the welcome address for the "Bridge Course on Basics of Mechanical Engineering" for second year students. He highlighted the importance of mechanical knowledge; outcome based education and shared his experience with the students.

Mr.R.Rajadurai, Assistant Professor, Department of Mechanical Engineering enlightened second year students about the basics of a mechanical engineering course.He also explained the rules and regulations of practical subjects to effectively handle sessions for a basic mechanical engineering course.

Mr.S.Balaganesh, Assistant Professor, Department of Mechanical Engineering handled an activity based session for second year students on basics of mechanical engineering and also comprehend foundational concepts. Share additional resources, recommended online materials for students and discuss the practical applications and relevance of the basics being covered.

Photo Gallery of Bridge Course



Outcome of the Bridge Course:

- Students understand the fundamental engineering principles and their applications.
- Gained the knowledge about ethical and professional responsibilities associated with mechanical engineering.

Rajadurai
S. Balaganesh
30.1.24
Coordinators

(Mr.R.Rajadurai, AP/MECH &
Mr.S.Balaganesh, AP/MECH)

T. R. Ramani
HOD/Mech 21/2/24

J. Ramesh
7/2/2024.
Principal