

COGNIZANCE 2K24

CSPIT Mechanical

Title: Solid Works & 3D Printing

Event Coordinators:

Faculty Coordinators

1. Mr. Gaurang Patel – 8141342100

Student Coordinators

1. Bhavendra Pathak (Student Id: 21ME037, 8154911434)

Keynote Speaker:

Mr. Nimesh Sethia, SOPAN Infotech, Vadodara

Mr. Rudresh Vyas, Engineering Technique, Vadodara

Target Audience: (Max 50 Participants)

Students from Mechanical and Production Engineering disciplines

Event Description:

Workshop Overview:

Learn the basic concepts and Modelling of Solidworks with hands on session experiments.

Along with modelling, explore the world of additive manufacturing with 3D Printing.

Workshop Topics:

- Solidworks:
 1. Basics of Solidworks
 2. Modelling
 3. Hands on Practice
- 3D Printing:
 1. Additive Manufacturing
 2. Types of 3D Printing processes
 3. Modelling and STL file generation
 4. Part printing

Workshop Format:

- Lectures and Presentations: Experts in the field deliver presentations on Solidworks and 3D printing.
- Hands-on Sessions: Participants will explore the software and get hands on sessions for Solidworks and 3D Printing.
- Q&A Sessions: Opportunities for participants to ask questions and discuss specific concerns with the instructors.
- Networking: Participants can interact with industry professionals, fellow attendees, and workshop organizers to expand their professional network.

Workshop Outcome:

By the end of the workshop, participants will have the knowledge of modelling in Solidworks and also learn various 3D Printing processes along with STL file generation and parameters setting on 3D printer.