



One Day Workshop

Work shop

On

“Industrial automation & robot design”

Objective:

The main objective of this workshop is to make aspiring engineer acquainted with the conceptual as well as practical knowledge of **the industrial automation, advance manufacturing process** and its practical application in different areas of manufacturing.

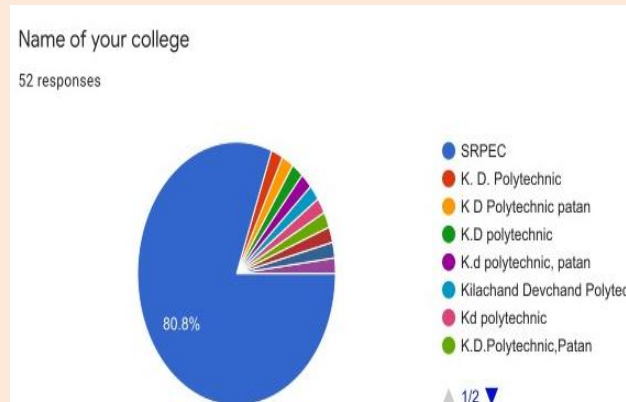
Key points:

- Industrial automation fundamentals
- Smart factory concept
- PLC concepts
- Ladder programming

- Topics covered:
- Industrial Robot design and automation.
- PLC programming Introduction.
- SCADA Introduction.
- Basics of Rapid Prototyping and their applications.
- Sequential assembly line implementation using ladder logic

Workshop Participants:

Total 64 students have participated in the workshop where they have learned and practiced industrial automation concepts. Also they have learned useful implementation of sequential programming concepts.



Expert: Dr. Ankur Jain Coordinator: Mr. Nirav Patel