

# **Innovative Active Learning Techniques – IPL 2022-23**

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# Techniques Used

Three new activities have been used to deliver one complete unit of Subject: **Energy Conversion and Management** of T. Y. B. Tech- Mechanical- Sem I of 2022-23,

- Quiz using Slido
  - Think Pair Share activity
  - Case studies for different manufacturing Industries
  - Polls during Lectures
- Use of Google Forms for conducting Quiz

# Techniques Used

New activities have been used during delivery of 20% content in Subject: **Industrial Hydraulics and Pneumatics** of T. Y. B. Tech- Mechanical- Sem II of 2022-23,

- Used Simulation Studio software for experiencing real time Hydraulics and Pneumatics circuit operations
- Polls during Lectures
- Use of Google Forms for conducting Quiz

# Photographs



Quiz conducted in IHP Class



Learning during Industry Visit at Dynamic Hydraulics, Kolhapur

# Suitability of Technique to Course and outcome of technique used

- Understanding of Course content is improved because of these active learning techniques.
- Real time applications are experienced by students instead of theoretically studying the concept.
- Attentiveness increased because of conduction of polls during lectures.

**Thank You**