



Vidya Prasarak Mandal, Thane's
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DEPARTMENT OF MECHANICAL ENGINEERING

Date: - 11/03/2019

Report of 05 days STTP on “Advanced Mechatronics”

Department of Mechanical Engineering organized 05 days STTP on “Advanced Mechatronics” on 05th March to 09th March 2019. The STTP was conducted by Mr. Suhas Gadekar (**HoD Mechanical**) of **Prolific Technology Pvt. Ltd. (Pune)** and his team Mr. Vikas Gade & Mr. Rakesh Chaudhari.

➤ **Aim of the STTP:-**

The STTP is aimed at giving Students an actual working of Industry. This STTP shall be the first step towards satisfying career in Industrial Sector.

➤ **Objective:-**

Students should know-how with the updated knowledge in the domain of Mechatronics which comprises of hydraulics, pneumatics, PLC & SCADA.

Contents that were discussed during this STTP are as follows.

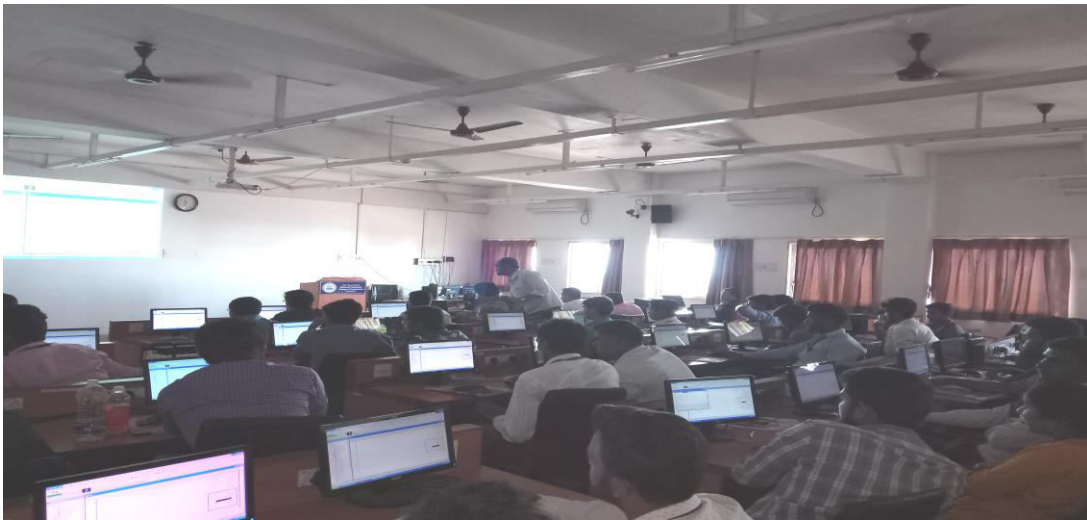
- Trends in Fluid Power
- Latest Technologies in hydraulics and pneumatics
- Conditioning Monitoring techniques.
- Industrial Practice use in equipment predictive maintenance techniques.
- Technologies behind the automotive and aerospace applications.
- PLC and its basics
- Advancements in programming of PLC
- Different models of PLC'S
- Logic of PLC
- SCADA
- Distributed control systems
- Career Opportunities in Automation

For the STTP total 63 students from Third year have enrolled. They had a interactive sessions with the trainer. Also on daily basis tutorials and case studies were discussed

For the STTP to be successful, from the department, **HOD Mr. B.A Patil**, Event Coordinator Mr. P.V. Bapat and all other faculty & staff took efforts to make it successful.

H.O.D
Prof. B.A. Patil

Some of the Photographs of the Short Term Training Programme



H.O.D
Prof. B.A. Patil