

Report on training on
“INDUSTRIAL FLUID POWER & AUTOMATION”

Date of Training Programme: 14-02-2020 to 16-02-2020

Organized by: Mechanical Engineering Department, SVKMs NMIMS, Shirpur Campus

Venue : Bosch Centre of Excellence in Automation, NMIMS, Shirpur Campus

Details –

Three day training programme was conducted for diploma engineering students from 14th to 16th of February 2020 .Co-ordinators of the programme were Prof Vishal Fegade & Prof Rajendra Shimpi.

Dr.Narayan Chandak Associate dean of academics and Dr.Basant Kumar Mohanty Associate Dean of Research MPSTME Shirpur campus was invited as Chief Guest of the function & Dr.Narayan Chandak addressed the gathering on the various applications needed in designing automated system..

Following members were also present

- i. Dr. Rakesh Chaudhari H.O.D Mechanical Engineering Dept.
- ii. Prof. Vishal Fegade, Co-ordinator of Programme, Mechanical dept. Faculty members and staff.

Dr. Rakesh Chaudhari H.O.D Mechanical Engineering Dept. introduced need & applications of Automation Technology in his key note. The complete event was about introducing hydraulics & pneumatics applications in solving industrial problems.

Day 01- 14.02.2020 - Basic Hydraulics theory covered by Prof. Vishal Fegade [11.00-12.30 p.m]

-Practical's on Basic Hydraulics by Prof. Vishal Fegade,

Prof. Rajendra Shimpi, Prof.M Ramachandran, Mr.Sunil Patil

[01.30 p.m. To 3.30 p.m]

-Electro hydraulics Practical was covered by Prof Vishal Fegade, Prof. Rajendra

Shimpi, Prof.M. Ramachandran and Mr.Sunil Patil [3.30 p.m To 5.00 p.m]

Day 02- 15.02.2020 – Basic Pneumatics was covered by Prof. Rajendra Shimpi [10.00 a.m-11.00 a.m]

- Designing Automation Circuit using Automation Studio was taken by Prof. Rajendra Shimpi [11.00 a.m-12.30 p.m].

-Practical's on Basic Pneumatics by Prof. Vishal Fegade,

Prof.Rajendra Shimpi, Prof.Nishant Dhengre, Mr.Sunil Patil [01.30 p.m. To 3.30 p.m]

-Electro Pneumatics Practical was covered by Prof Vishal Fegade, Prof. Rajendra

Shimpi, Prof. Nishant Dhenre and Mr.Sunil Patil [3.30 p.m To 5.30 p.m]

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Day 03- 16.02.2020 –Applications of Hydraulics and Pneumatics in industrial applications

Was covered by Prof.Vishal Fegade [10.00 a.m to 12.15 p.m]

-Sequential control of two and three cylinders for industrial applications

Practical's were conducted by Prof. Vishal Fegade, Prof.Rajendra Shimpi,
Prof.M. Ramachandran Mr.Sunil Patil

There were total 21 participants from various known institutes from in and around Maharashtra. i.e. S.S. Polytechnic, Chopda, RCPP Shirpur & G.P Jalgaon.

Dr.N.K.Sharma, Director (Engineering Program) MPSTME Shirpur campus was the guest of honour for valedictory function.He addressed the gathering on the need of automation in today's world.



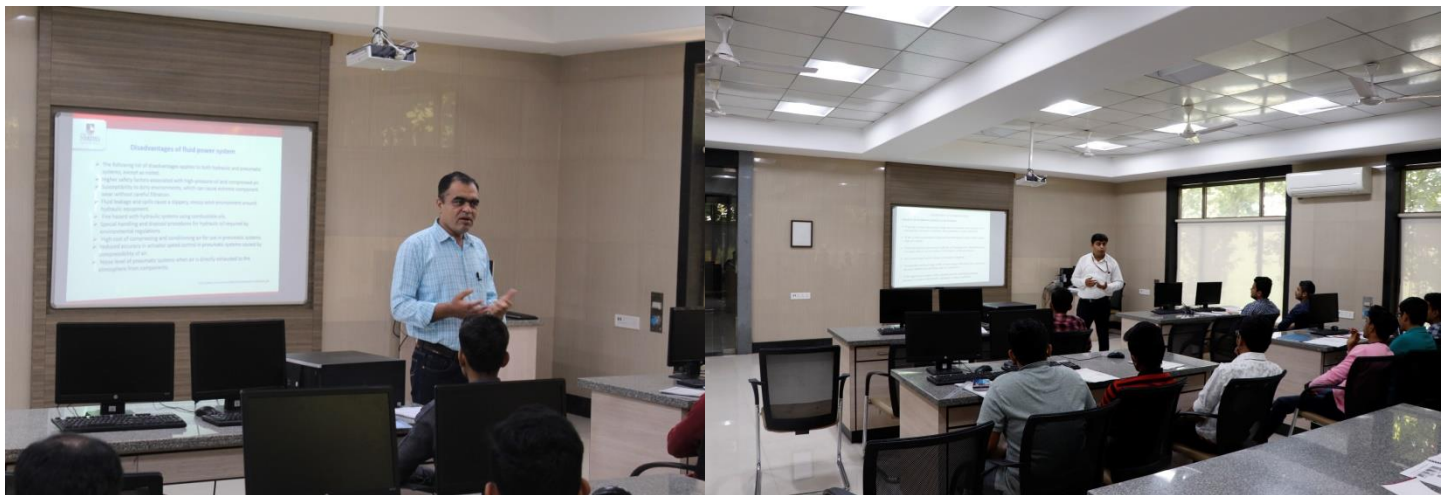
Inauguration by Dr.Narayan Chandak, Associate Dean, MPSTME, NMIMS & Dr. Basant Kumar Mohanty Shirpur Campus.



Dr. Rakesh Chaudhary Head of Mech. Engg. Dept. addressing the participants regarding recent trends in automation.



Dr.N.K.Sharma, Director,MPTP,Shirpur Campus addressing the gathering in Valedictory function



Training Session conducted by Prof. Vishal Fegade on Basic Hydraulics & Prof. Rajendra Shimpi on Basic Pneumatics



Group Photo during training with Dr.R.S.Gaud, Director, Shirpur Campus, Mr. Rahul Dande Chief Accountant and administrator MPSTME, NMIMS, Shirpur Campus & Dr. Rakesh Chaudhari H.O.D Mechanical Engineering Dept.



Prof Vishal Fegade & Prof Rajendra Shimpi while providing hands on Training in Hydraulic Lab.



Prof. Vishal fegade, Prof Rajenndra Shimpi & Mr.Sunil Patil providing hands on Training in Electro-Pneumatic