

COLLEGE OF ENGINEERING,PUNE.

DEPARTMENT OF INSTRUMENTATION AND CONTROL

About the course on Pneumatics And Hydraulics.

Duration: 60 Hrs.

Course Material: CD contains all the demo software, Presentations, 1 Book

Course Details : Basic Pneumatics.

- 1. Air Preparation & Distribution.**
- 2. Elements in a Pneumatic System.**
- 3. Cylinders & Valves - Their working and interactions.**
- 4. Valve Port Numbering / Lettering System.**
- 5. Special Purpose Valves - Pressure Sequence Valve, Time Delay Valve, Dual Pressure Valve, Shuttle Valve.**
- 6. Design & Construction of Pneumatic Circuits.**
- 7. Pneumatic Latches and their Applications.**
- 8. Troubleshooting Pneumatic Systems, Safety Issues.**

Basic Hydraulics

- 1. Elements in a Hydraulic System.**
- 2. Cylinders & Valves - Their working and interactions.**
- 3. Special Purpose Valves - Pressure Reducing Valve, Pressure Relief Valve, Flow Control Valve.**
- 4. Valve Port Numbering / Lettering System.**
- 5. Directional Control Valves.**
- 6. Design & Construction of Hydraulic Circuits.**
- 7. Hydraulic Latches and their Applications.**
- 8. Design ,Function, Operating pattern and application of Hydraulic Components.**

For more details: Contact: Dr. S.D. Agashe (9890229539)



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REGISTRATION FORM

Pneumatics And Hydraulics

<i>Name</i>	
<i>Educational Qualification</i>	
<i>Experience</i>	
<i>Phone No</i>	

<i>E-Mail</i>	
<i>Address</i>	
<i>Date</i>	

Signature of the Applicant

Place: