

Training Programme on  
'Electro Pneumatics'  
24 & 25 January 2019

**Application Form**

Participant's Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Organization : \_\_\_\_\_

Address for Correspondence:  
\_\_\_\_\_  
\_\_\_\_\_

Phone : \_\_\_\_\_

E-mail : \_\_\_\_\_

**Fee Details:**

Course Fee : Rs 1000 /-

Last date for receiving application: **18.01.2019**

The Course fee can be paid by DD in favor of  
"Dr.Mahalingam College of Engineering and Technology,  
Pollachi" Payable at Pollachi

D.D Amount (Rs): \_\_\_\_\_ D.D No.: \_\_\_\_\_

Date: \_\_\_\_\_ Bank: \_\_\_\_\_

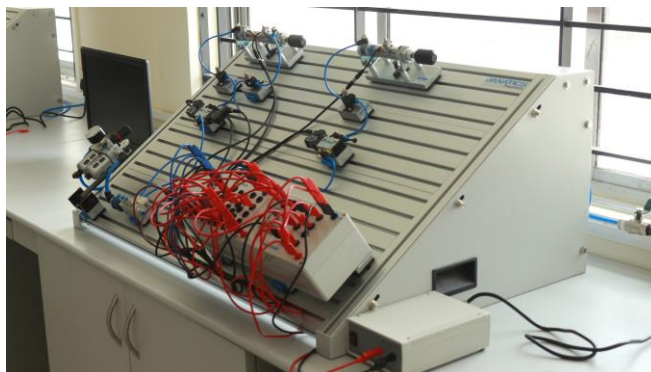
Signature with Name and Date

**Resource Persons**

SME's (Subject Matter Experts) from M/s Janatics India Private Limited and the faculty members from Dr.Mahalingam College of Engineering and Technology will conduct the sessions.

**How to Apply**

The applicants should fill the application form send it us by email/post on or before 18.01.2019. All communications will be made through e-mail only.

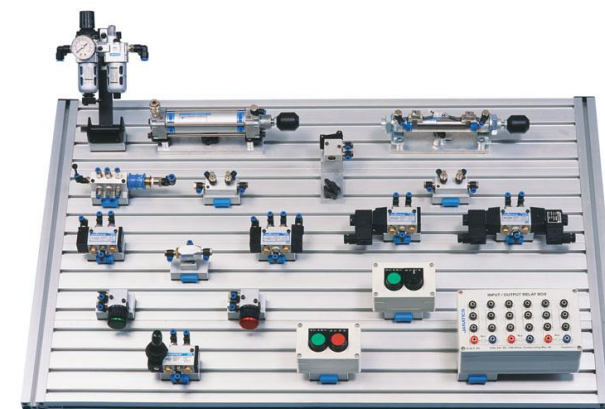


**For Further details:**

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Dr. Mahalingam College of Engineering and Technology,  
Pollachi – 642003, Tamil Nadu.  
**Mobile: 9842869663, 7373538387.**  
Web: [www.mcet.in](http://www.mcet.in) Email: [mcetjanatics@mcet.in](mailto:mcetjanatics@mcet.in)

Training Programme  
on  
'Electro Pneumatics'

**24 & 25 January 2019**



**Organized by**

**MCET Janatics Center of Excellence for  
Mechatronics and Automation,  
Department of Mechanical Engineering  
Dr.Mahalingam College of Engineering Technology,  
Pollachi – 642 003.**

### About The Institution

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 with a mission to impart high quality competency based education in Engineering and Technology to the younger generation to equip them with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is an Autonomous; Self-financing, Coeducational Engineering College and it is approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai. The MCET currently offers 10 UG, 6 PG and 5 Doctoral programs in Engineering. Among 10 UG programmes CSE, EEE, ECE, Mech, Auto, Civil, EIE has been accredited by the National Board of Accreditation (NBA) and the institute is accredited by NAAC with 'A++' grade

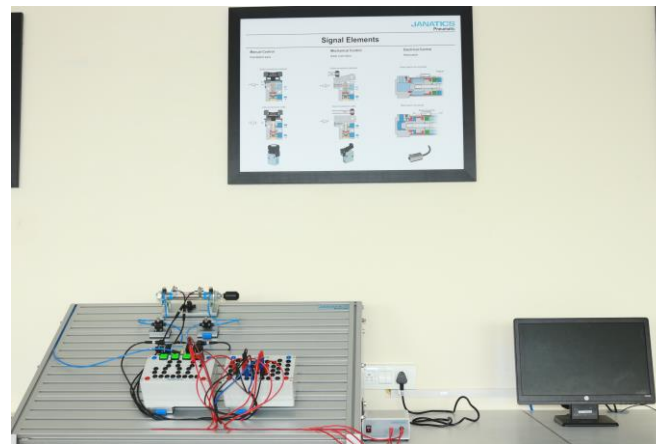
### About the Centre

Dr. Mahalingam College of Engineering and technology (MCET) has established the MCET – JANATICS Center of Excellence for Mechatronics and Automation in Collaboration with JANATICS who are market leaders in Pneumatics and Industrial Automation with the primary objective of producing competent personnel for automation in industry. Our state of the art Technology Center is an instance of standards followed in quality and delivery, to its customers in terms of training. Training programmes are planned, structured and organised with flexibility for participants to learn the concepts in their understandable way through class room sessions, practicals or live projects.

These learning methodologies have led to effectiveness in training and thereby helping participants acquire required set of technical competencies. Customised training programmes and associated workshops / projects provide participants the recent trends in the field of Pneumatics and Mechatronic systems.

### Objective of the Program

The fourth industrial revolution is in full swing, with innovative technological developments opening up exciting new opportunities virtually every day. And if you look under the hood, you'll see that the engine driving it all is automation technology, which is making industrial production a lot more efficient. Since the key to utilizing this technology will be highly trained technically skilled manpower, training and education in industrial automation technologies has become a critical issue in many fields of Engineering. The workshop would serve to expose the participants to different aspects of automation and to improve their knowledge in Electro pneumatics.



### Programme Contents

- Need for pneumatics
- Advantages and limitations of pneumatic systems
- Pneumatic vs. Electrical control
- Elements Of Electro Pneumatic Systems and Graphical Symbols
- Describe The Construction, Design Features, And Operation Of Electro Pneumatic Components
- Simulation And Testing Of Simple Electro Pneumatic Systems
- Electrical Controls For Sequential Circuits Maintenance And Troubleshooting



### Participants

Students and Faculty members from Engineering and Polytechnic colleges and Industry professionals can apply for the programme. The number of participants is restricted and the selection is on first come first serve basis.