

Registration Form

Two day workshop on

“Industrial and Mobile Hydraulics”

Organised by

Department of Mechanical Engineering

&

MCET – BOSCH REXROTH

Regional Centre of Competence in Industrial Automation

Technologies

06 & 07 March 2019

Name : _____

Designation : _____

Institution /
Organization : _____

Address : _____

Phone : _____

E-mail : _____

Accommodation Required: _____

I have enclosed DD in favor of “Dr. Mahalingam College of Engineering and Technology, Pollachi” Payable at Pollachi for the amount of Rs. _____ towards registration fee.

D.D No.: _____ Date: _____

Bank: _____

Signature of the
Candidate

Signature of HoD
with Seal

ORGANIZING COMMITTEE

Chairman

Dr. A. RATHINAVELU

Principal

Convener

Dr. I. Rajendran

Professor & Head, Mech.

Coordinators

Mr. S.Gnanakumar

Asst. Professor, Mech.

Mr. C.Selva Senthil Prabhu

Assistant Professor, Mech.

ELIGIBILITY:

Faculty members, Research Scholars, UG/PG Students and Industry persons can apply.

PARTICIPATION AND REGISTRATION:

Workshop Fee : Rs 600/- + GST 18%

Accommodation Fee : Rs 250/- (per day)

(Includes Boarding and Lodging)

Fee is to be paid as Demand Draft in favour of “**Dr. Mahalingam College of Engineering and Technology**” payable at Pollachi. Duly filled registration form along with DD must reach us on or before 21st Feb 2019.

ADDRESS FOR COMMUNICATION

Mr. S.Gnanakumar

Assistant Professor

Mr.C.Selva Senthil Prabhu

Assistant Professor

MCET-Bosch Rexroth CoC,

Dr. Mahalingam College of Engineering and
Technology, Pollachi – 642003

Coimbatore District, Tamilnadu.

Email id: mbraincoc@mcet.in

Mobile: +91 9003436050, +91 9842869663,

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MCET – BOSCH REXROTH

**Regional Centre of Competence in Industrial Automation
Technologies**

**Dr. Mahalingam College of Engineering and
Technology,**

(An Autonomous Institution, Accredited by NBA & NAAC A++)

Udumalai Road, M.K. Patti (P.O)

Pollachi - 642 003, Tamil Nadu

Phone: +91 4259 236030 / 40 / 50

Fax: 04259 – 236070

www.mcet.in

About the Institution

Dr. Mahalingam College of Engineering and Technology (MCET) was established in 1998 by Dr. M. MANICKAM with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr. N. Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University, Chennai. The Institution has been accredited by the National Assessment and Accreditation Council (NAAC) with A++ and 7 UG Programmes (CSE, EEE, EIE, ECE, Civil, Mech. and Auto) are accredited with TIRE-1 by NBA. MCET currently offers 10 UG, 6 PG courses and 5 Doctoral programmes in Engineering, Technology and Science.

About the Department

The Department of Mechanical Engineering started in the year 1998 offers one UG program (B.E. Mechanical Engineering) and one PG program (M.E. CAD/CAM). It has been recognized as research centre to have interaction with Anna University for collaborative research programme which leads to Ph.D. The department is equipped with well qualified, experienced faculty members and well established laboratories. It is also an accredited institution by NBA, New Delhi. The department offers value added courses apart from the regular subjects which enable the students acquire marketable skills, the value added courses offered include; Hyper works, Abaqus, ANSYS, CATIA, Solid works, AutoCAD, Edge CAM etc.

About the Centre

Dr. Mahalingam College of Engineering and Technology (MCET) has established the MCET – Bosch Rexroth Regional Centre of Competence in Industrial Automation Technologies (M-BRAIN) in Collaboration with Bosch Rexroth, Germany who are global leaders in Drives and Control equipment, with the primary objective of producing skilled manpower in latest industrial automation technologies.

The Centre has state of the art labs for doing research and projects for industry, and for providing world class training in Industrial Automation, Industrial Hydraulics, Mobile Hydraulics, Pneumatics, PLC, HMI, SCADA, Sensorics and Mechatronics. Twelve faculty of MCET have received advanced training in automation technologies at Bosch Rexroth, India and Bosch Rexroth, Germany.

About 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.



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. Keeping in view this requirement, we have designed a unique training program for the professional development of faculty and students of engineering colleges in Tamil Nadu. The major focus of the Industrial and Mobile Hydraulics system is on enhancing the practical knowledge and functional area expertise of the participants through intensive, focused, hands-on, and highly interactive training methodologies.

Course Details

The program is designed to impart advanced training to the in-service faculty and students of Engineering Colleges and Universities all over India, to enhance their knowledge on latest industrial automation technologies and to create awareness about the recent trends in the field of industrial automation.



The program aims at providing adequate knowledge and hands-on experience, and is structured around the following components:

- Hydraulics Components (Pumps, Motors, Cylinders and Valves: Directional, Pressure and Flow).
- Design of hydraulic systems.
- Design of Electro hydraulic system
- Mobile Hydraulics.

