

WHO SHOULD ATTEND?

Faculty members of Engineering Colleges and Engineers from industries are encouraged to attend this programme.

Important dates

Last date for registration: 12th FEB 2018

REGISTRATION

NO REGISTRATION FEE

Registration will be done on “**FIRST COME FIRST SERVED**” basis. Participants are requested to make their own arrangements for their stay and travel.

As seats are limited, early registration is appreciated. Intimation on selection and confirmation of participation would be made through e-mail only.

Address for communication

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ORGANISERS

PATRON

Prof. Dr. T.V. Geetha,

Dean CEG, Anna University, Chennai

CONVENER

Prof. Dr. L. Karunamoorthy,

Faculty Chairman, Dept. of Mech. Engg.,

Prof. Dr. B. Mohan,

Prof. & Head, Dept. of Mech. Engg.,

CO-ORDINATORS

Dr. M. Pradeep Kumar,

Associate Prof., Dept. of Mech. Engg.,

Dr. S. Balasivanandha Prabu

Associate Prof., Dept. of Mech. Engg.,

ORGANISING COMMITTEE

Dr. S. Rajendra Boopathy,

Professor, Dept. of Mech. Engg.

Dr. S. Senthil Kumaran,

Associate Prof., Dept. of Mech. Engg.,

Dr. K. Shanmuga Sundram

Associate Prof., Dept. of Mech. Engg.,

Dr. V. S. Senthil Kumar

Associate Prof., Dept. of Mech. Engg.,

Dr. D. Sangeetha,

Assistant Prof., Dept. of Mech. Engg.,

Dr. K. Thirumavalavan,

Assistant Prof., Dept. of Mech. Engg.,

Dr. J. Prasanna,

Assistant Prof., Dept. of Mech. Engg.,

Dr. J. Sudha,

Assistant Prof., Dept. of Mech. Engg.,

Dr. D. Samuel Raj,

Assistant Prof., Dept. of Mech. Engg.,

Mrs. S. Kalaimagal,

Assistant Prof., Dept. of Mech. Engg.,



TWO DAYS WORKSHOP ON

The Essentials of IoT for Modern Mechanical Engineers

15 & 16th FEBRUARY 2018



ORGANISED BY

Department of Mechanical Engineering

College of Engineering, Guindy,

Anna University, Chennai-600025.

Objective of the workshop

The objective of the workshop is to provide an opportunity for the participants to enrich their knowledge in Internet of things (IoT) and skill in developing various solutions for solving engineering problems in the society by interlinking systems, machines to the internet by creating a virtual environment for the same. This program serves as a platform for faculty members and Engineers to enhance their knowledge in the cutting edge technologies of IoT.

ABOUT THE WORKSHOP

Internet of things (IoT) is a rapidly developing field with expected strong and growing implications for the manufacturing industry and society. The IoT allows objects to be sensed or controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improves efficiency, accuracy and economic benefit in addition to reduced human intervention. When IoT is augmented with sensors and actuators, this technology can be applied to existing machines, workshops, industries in order to create a eco systems of obtaining a cutting edge results with a push of button. This creates a cyber-physical world.

ABOUT ANNA UNIVERSITY

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of

the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department is one of the oldest departments of College of Engineering, Guindy (CEG), as well as in the country. Established in the year 1894, CEG's Mechanical Department has been providing excellent learning and research opportunities for undergraduate and post graduate students, in addition to providing consultancy services to the multiple industries. The Department of Mechanical Engineering is fully equipped with state- of the- art experimental and computational facilities in the field of product design and analysis.

TOPICS TO BE COVERED

- Introduction to IoT for Mechanical Engineering
- Evolution of IoT in Manufacturing system
- Challenges for implementaion of IoT in Indian Manufacturing Industries
- Challenges for IoT in Manufacturing
- IoT and Smart Manufacturing

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Name:

Designation:

Department:

Mailing address:

Mobile No:

E-mail:

DECLARATION

The information given is true to the best of my knowledge. I agree to abide by the rules and regulation governing the workshop. If selected, I shall attend the workshop for the entire duration.

Place :

Date :/...../..... Signature:

Recommendation of the H.O.D/Director/Principal