

WHO SHOULD ATTEND?

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

Important dates

Last date for registration: 15th March 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.,

ORANISING COMMITTEE

Dr. S. Rajendra Boopathy,
Professor, Dept. of Mech. Engg.

Dr. S. Balasivanandha Prabu
Associate Prof., Dept. of Mech. Engg.,

Dr. S. Senthil Kumaran,
Associate Prof., Dept. of Mech. Engg.,

Dr. V. S. Senthil Kumar
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Dr. G. Shibu
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. S. Rashia Begum,
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

ADDITIVE MANUFACTURING

19th & 20th MARCH 2018



CO-ORDINATORS

Prof. Dr. B. Mohan,
Prof. & Head, Dept. of Mech. Engg.,

Dr .K. Shanmuga Sundaram
Associate Prof., Dept. of Mech. Engg.,

Dr. M. Pradeep Kumar,
Associate Prof., Dept. of Mech. Engg.,

ORGANISED BY

Department of Mechanical Engineering

College of Engineering, Guindy,

Anna University, Chennai-600025.

Objective of the workshop

The objective of this workshop is to provide a forum for disseminating information and sharing ideas about the frontiers of Additive Manufacturing (AM) research, education, and technology transfer. Additive manufacturing, also known as 3D printing, is a suite of computer automated technologies to fabricate three-dimensional structural and functional parts, usually layer by layer, from metallic, plastic, ceramic, electronic, biological, and composite materials based on computer aided design (CAD) models. The workshop will discuss the current state-of-the-art and future potential of AM, analyze the gaps between the future potential and the current status, and identify what needs to be done in the areas of research, education, and technology transfer in order to close the gaps.

ABOUT THE WORKSHOP

Additive Manufacturing (AM) is an appropriate name to describe the technologies that build 3D objects by *adding* layer-upon-layer of material, whether the material is plastic, metal, concrete and human tissue. The term AM encompasses many technologies including subsets like 3D Printing, Rapid Prototyping (RP), Direct Digital Manufacturing (DDM), layered manufacturing and additive fabrication.

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 Additive Manufacturing.
- Additive Manufacturing Developments Around the World.
- Applications in Metal Additive Manufacturing.
- Various software used in additive manufacturing.
- Functional Powder Metallurgical Components for Next Generation
- Impact of additive manufacturing in product development .
- Bio-Medical Applications of Additive Manufacturing Technologies
- Case studies in additive manufacturing.

TWO DAYS WORKSHOP ON ADDITIVE MANUFACTURING 19th & 20th MARCH 2018

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