



**AMET**  
ACADEMY OF MARITIME EDUCATION AND TRAINING  
DEEMED TO BE UNIVERSITY  
(Under Section 3 of UGC Act 1956)

One day National Seminar  
on

**“3D printing of composite materials -  
A digital additive manufacturing”**

on

20<sup>th</sup> March 2019(Wednesday)

**REGISTRATION FORM**

- Student (Rs.200)
- Academic (Rs.300)
- Business (Rs.500)

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Organisation/  
Institution :  
Communication  
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**Signature of the  
Participant**

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**TOPICS TO BE DISCUSSED**

**1. Introduction to 3D Printing**

- General introduction and various techniques

**2. Applications of 3D Printing**

- Applications of 3D printing in various automotive Industries.

**3.3D Scanning**

- Available 3D Scanners, 3D scanning works, 3D scan using a mobile phone and applications.

**4. Computer Aided 3D Design**

- CAD introduction, installation, overview of CAD modelling tools, designing 3D models with software and coding

**5.3D Slicing**

- Parameters of 3D printing, simulating output, G-codes.

**6.3D Printing & Composite Materials**

- 3D Printing using Composite materials, technologies Designs, Design of Automotive and Marine Spares

**7. Trends and Future of 3D Printing**

- Future Possibilities, Present research in 3D printing, more commercial and technical aspects, Q&A.

**STEERING COMMITTEE**

**Patron**

**Col.Dr.G.Thiruvassagam**

*Vice Chancellor*

**Advisors**

**Dr. P.Saravanan**

*Registrar*

**Mrs. V.Sangeetha Albin**

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**Mr. K.Seyadu**

*Chief Executive Officer*

**Convener**

**Dr.R.Rajavel,**

*Professor and Head,*

*Department of Mechanical Engineering.*

**Coordinator**

**Dr.K.Umanath,**

*Associate Professor,*

*Department of Mechanical Engineering.*

**REGISTRATION**

CATEGORY	REGISTRATION FEES
Student	Rs.200
Academic	Rs.300
Business	Rs.500

- ❖ Send a scanned copy of registration form to mail: [pricom2019@gmail.com](mailto:pricom2019@gmail.com)
- ❖ Last date for registration: 15 MAR 2019

**ACCOUNT DETAILS**

A/C. No : 603301110102  
IFSC : ICIC0006033  
Bank : ICICI Bank



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135, East Coast Road, Kanathur, Chennai – 603112.  
Tel:044-27472904/905/155/157. Fax:044-27472804

One day National Seminar  
on

**“3D printing of composite  
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(PRICOM'2019)**

**[www.3dpricom.com](http://www.3dpricom.com)**

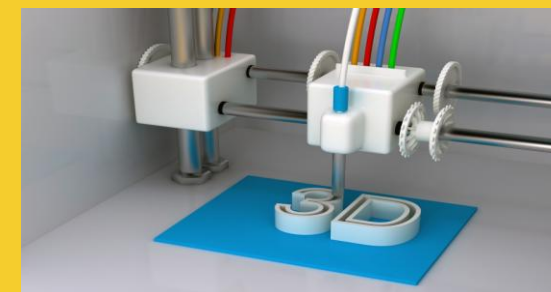
**3DPRICOM  
2019**

on

20<sup>th</sup> March 2019(Friday)

Organized by

**Department of Mechanical Engineering**



**Time** : 9.00am to 4.00pm  
**Venue** : Shri Janakiraman Auditorium,  
AMET.  
**Contact** : +919894596675

## ABOUT THE UNIVERSITY

The Academy of Maritime Education and Training was established as a private maritime academy by Dr.J.Ramachandran with an enrolment of just 14 cadets during 1993 and subsequently declared as a deemed to be University by the Ministry of Human Resources and Development, Government of India. AMET is India's First University in Maritime Education and the only maritime University in the country being recognized by the MHRD/UGC. Since then, the University is catering the needs and dissemination of knowledge in the field of marine and maritime studies. AMET University is crowned with **LLOYD'S LIST Middle East and Indian Subcontinent Awards 2013** (during 2007 received the same award once) for the achievements in maritime training. Other awards include **India Shipping Summit Award 2012, Emerging Maritime University of the Year 2012, and Gateway awards of Excellence 2012**. The University has been certified with **ISO 9001:2015** by **DNV GL**; graded as **Excellent Grade I** by **CRISIL** and received "A1 Outstanding" grade in the Comprehensive Inspection Programme conducted by Directorate General of Shipping, Government of India.

## ABOUT THE DEPARTMENT

Department of Mechanical Engg. is catering to the requirements of all the Departments such as Marine Engg., Nautical Science, Naval Architecture, Petroleum Engg., Harbor Engineering.,

Electrical and Electronics Engineering and Information Technology. Basic Mechanical Engineering inputs to all DG & Non-DG Courses such as Engineering Mechanics, Thermal Engineering, Fluid Mechanics, Strength of Materials, Material Science, Mechanics of Machines, Thermodynamics, Hydraulics & Pneumatics, Engineering Graphics, Dynamics of Vibrations and Design of Machine Elements. Department also have tie-up with National Small Industries Corporation (NSIC) to train students to meet out the industrial needs. Department enriches in current research activities in wide area of specialization by guiding through doctoral degree programmes. The department organizes several training program, workshops, seminars, etc for staff and students every year.

## AIM OF THE SEMINAR

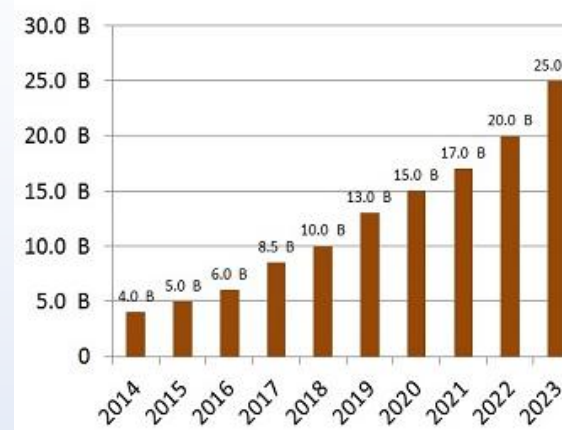
The objective of this seminar is to bridge the researchers from the academia and the industry under one roof, to gain knowledge in diverse fields of research in the fields of advanced additive manufacturing technology (3D printing of composite materials). The seminar will provide an attractive platform for the researchers and academicians to discuss about their area of interest with the delegates from different parts of our nation.

## RESOURCE PERSONS

Industries, IIT's, NIT's and reputed Universities.

## Who and Why shall attend?

The seminar is tailor-made for practicing Engineers from industries, R&D establishments, Professors, research scholars and students from academia who need to understand the developments in 3D printing, application, slicing, etc.



The 3D printing has been used in various fields such as food, medicine, military, electronics, jewelry, and automotive industries effectively. It is estimated that the overall world market for 3D printing will be developed around 17 billion dollars business before the end of 2021, every year the market requirement is increasing by 25%.

## ADDRESS FOR COMMUNICATION

### The coordinator,

Department of Mechanical Engineering,  
135, East Coast Road,  
Kanathur, Chennai - 603 112.  
Mobile: +919894596675  
Email ID: [pricom2019@gmail.com](mailto:pricom2019@gmail.com)  
Website: [www.3dpricom.com](http://www.3dpricom.com)



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