

ABOUT SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

SRM Institute of Science and Technology (formerly known as 'SRM University') is located in an extensive sylvan campus of 380 acres skirting the National Highways (NH145), in the outskirts of Chennai. SRMIST is one of the top-ranking Universities and most premier engineering destinations in India, which was established in 1985 by the Founder Chancellor, Dr. T.R. Paarivendhar, offering wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Agriculture, Law and Science & Humanities. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence. SRMIST also collaborates with various foreign Universities. Now the Institute enjoys an unsurpassed reputation in academic and corporate circles being the preferred manpower source for vision to be recognized as a world - class learning institution. SRMIST has been placed under Category A by Ministry of Education, Government of India and also accredited by NAAC with 'A++' Grade in the year 2018. SRM is Category I status institute as per as per UGC-MHRD categorization.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering is one of the pioneering departments of SRMIST. The department is functionally divided into four broad areas of specialization: (i) Design (ii) Manufacturing (iii) Thermal and iv) Materials Engineering. B. Tech Mechanical Engineering program at Kattankulathur campus is accredited by Engineering Accreditation Commission (EAC) of ABET, USA, (www.abet.org). The department also offers M.Tech. and Doctoral programs in various specializations. The present faculty strength is 135. About 800 + research papers

and 850 + conference papers have been published in national and international levels. More than 30 patents have been filed in national and international levels. The following salient workshops and conferences was conducted by the Department of Mechanical Engineering, Kattankulathur: International Conference on Advances in Mechanical Engineering 2006, Short Course on Mechanics of Composite Materials and Structures: 2015, Workshop on Development, Manufacturing and Analysis of Advanced Composites, 2015 and short course on FEM, 2015, National Conference on Advances in Mechanical Engineering (NCAME 2016), Brain Wave Robotics, 2017, International Conference on Advances in Mechanical Engineering (ICAME 2018) and 2nd international Conference on Advances in Mechanical Engineering ICAME 2020 (26th February to 29th February 2020).

ABOUT THE WEBINAR

The objective of this webinar series is to deliver key insights into modern foundry practices being carried out in various industries, particularly automotive fields in the recent times. Thus, it enables the participants to get the exposure of real-time scenario and happenings in the academics and industry. The webinar series has seven sessions spread over three days with experts' talks and discussions on the recent foundry technologies in automotive and other industries in several aspects.

RESOURCE PERSONS

Prof. P. P. Chattopadhyay

Director,
National Institute of Foundry & Forging Technology (NIFFT), Ranchi.

Mr. N. Visvanathan

Chief Executive Officer,
Ammarun Foundries, Coimbatore.

Dr. Renukananda. K.H.

Senior Design Engineer,
GROHE Team, EASi, Allegis Group,
Koramangala, Bangalore.

Dr. Himanshu Khandelwal

Assistant Professor,
Department of Foundry Technology,
National Institute of Foundry & Forging Technology (NIFFT),
Ranchi.

Mr. A. Jeyabal

Foundry head,
Ashok Leyland Limited – Foundry Division,
Sriperumbudur.

Mr. RS. Ramanujam

Deputy General Manager (Operations),
Sundaram Fasteners Ltd,
Autolac division (Foundry), SIPCOT,
Gummidipoondi.

Dr. V. S. Saravanan

General Manager,
Indo Shell Cast Private Limited, Coimbatore.

TOPICS TO BE COVERED

1. Industry 4.0 in Foundry Industries
2. Importance of Casting Simulation in Design, Problem Solving, and Research
3. Impact of Foundry in Automotive Industry
4. Lost Foam process and 3D printing
5. Quality issues in Casted part
6. Clean zero wastage discharge in Foundry

TARGET AUDIENCE

Faculty Members, Bachelor and Master level Students of Engineering colleges, Research scholars, Scientists & Engineers from R&D organisations and industries are encouraged to attend this programme.

REGISTRATION

The registration is **FREE** for all the participants.

Participants need to register in the link mentioned in the brochure.

REGISTRATION LINK:

<https://forms.gle/4jPTKG9V5naxLEcB8>

(Zoom Link, ID and Password will be shared to registered participants for attending the webinar series)

E-certificate will be provided for all active participants



CHIEF PATRONS

Dr. T.R. Paarivendhar, Chancellor SRM IST

Shri. Ravi Pachamoothoo, Pro - Chancellor (Administration), SRM IST

Dr. P. Sathyanarayanan, Pro - Chancellor (Academics), SRM IST

Dr. R. Shivakumar, Vice President, SRM IST

Dr. Sandeep Sancheti, Vice Chancellor, SRM IST

PATRONS

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Dr. T.V. Gopal, Dean, CET, SRM IST

Dr. D Kingsly Jeba Singh, Chairperson, SME, SRM IST

CHAIRPERSONS

Dr. M. Cheralathan, HOD, Mech., Engg., SRM IST

Dr. P. Nandakumar, Design Division Head

Dr. U. Mohammed Iqbal, Manufacturing Division Head

Dr. K. Suresh Kumar, Thermal Division Head

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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

Three-Days Webinar Series on

Modern Foundry Practices in Industry

October 3rd to 5th, 2020



Convenor

Dr. Shubhabrata Datta

Co-Ordinators

Mr. S. Sasikumar and **Mr. M. Dhanasekaran**

Organized by

Department of Mechanical Engineering
SRM Institute of Science and Technology
Kattankulathur -603203. Kancheepuram (DT),
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