

INTERNATIONAL CONFERENCE

on AUTOMOBILE, MARINE & MECHANICAL ENGINEERING

Preparing to meet
Manufacturing challenges to
achieve Eco - Efficiency for



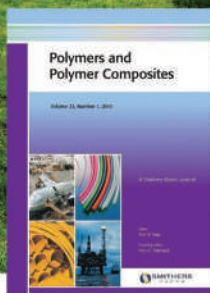
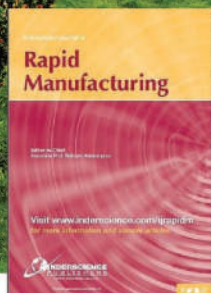
4th & 5th May 2018

www.svce.ac.in/icamme2018

ICAMME 2018



Journal Publications



Sri Venkateswara College of Engineering

(Autonomous & Affiliated to Anna University)

Pennalur, Sriperumbudur (TK), Tamil Nadu – 602 117, India.

About the Institution

Sri Venkateswara College of Engineering (SVCE) was started in the year 1985, with three primary departments. Ever since, it has grown into a premier institution imparting knowledge and excellence through academic, research and infrastructural developments. SVCE presently offers ten UG and twelve PG programmes in various engineering disciplines. Ten departments have been recognized as Research Centres by Anna University, Chennai for pursuing M.S. (by Research) and Ph.D. programmes. In 2016, SVCE obtained an Autonomous status from UGC.

About the Departments

The Department of **Mechanical Engineering** started its successful journey in 1985 and has been accredited by the NBA since 1998. It is recognised as a Research Centre approved by Anna University, as well. The UG/PG courses offered by the department cover the thrust areas such as Thermal, Design, Manufacturing and Industrial engineering and is supplemented by well - equipped laboratories, reputed research supervisors and dedicated faculty members. The department has the privilege of housing two research cells – namely the FRP Cell and Multi-Disciplinary Bio-Fuel Research Cell, which are used extensively for research and consultancy projects.

In 1999, the Department of **Automobile Engineering** was started and received the NBA accreditation in 2006. Highly qualified faculty members and dedicated staff members are great pillars of the department who have been showing steady progress. The department is equipped with Two/Three/Four Wheeler Chassis Dynamometer that caters to provide Consultancy Services to industries and Research Scholars in their respective fields.

In the year 1998, the college facilitated an incredible opportunity to those who dream of becoming a mariner by starting a course on **Marine Engineering**. The UG course that abides by all the rules and regulations of DG-Shipping is also approved by AICTE, New Delhi and DOTE, Tamil Nadu. The department is evaluated under a Comprehensive Inspection Programme as per the DG-Shipping guidelines and is graded 'Very Good' by Indian Register of Shipping which stands as a testimony to the standard of education offered by the department.

About the Conference

The conference focuses on the theme "**Preparing to meet manufacturing challenges to achieve Eco-Efficiency for Make in India**" so as to explore the possibilities to meet the needs of the present and future generations. Therefore, the conference shall be providing a great opportunity where the researchers, academicians and professionals from industry will share their thoughts and experiences on related domains. The concept of eco – efficiency in design, manufacturing and disposal is given higher importance in order to tackle pollution, energy scarcity and global warming issues and to sustain consistent growth in the long term. The uniqueness of this conference is that it attempts to provide a platform for the research fraternity in the fields of mechanical, automobile and marine engineering to interact across barriers in such a way that, if successfully addressed, could enable step change impact beyond the current state-of-the-art. The new ideas, procedures and techniques in this conference are expected to address the technological challenges which are very vital to envisage the scenario of "**Make in India**".

Call for Papers

Academicians, research scholars, practitioners and professionals from industry are invited to submit the extended abstract initially. Upon acceptance, authentic and unpublished full research papers (Not exceeding six A4 sheets with double column) should be submitted on the following topics, but not limited to:

- ❖ Metal alloy and Polymers
- ❖ Metal casting, cutting & joining processes
- ❖ Surface Coating and Tribology
- ❖ CAE in Product design
- ❖ Six sigma in Industrial Engineering
- ❖ Renewable Energy
- ❖ Automotive power train
- ❖ Noise, Vibration & Harshness in vehicles
- ❖ Marine Technologies for Stringent Emission
- ❖ Metal and Polymer Matrix Composites
- ❖ Modeling and Simulation Practices
- ❖ Green & Additive Manufacturing
- ❖ Design for Manufacturing
- ❖ Supply chain Management
- ❖ Refrigeration and air conditioning
- ❖ Hybrid vehicles
- ❖ Welding of Non-Ferrous Alloys in Marine
- ❖ Employment Challenges in Marine Industry
- ❖ Nano Materials
- ❖ Micro and Nano Machining
- ❖ Powder Metallurgy
- ❖ Reverse Engineering
- ❖ Lean Manufacturing
- ❖ Alternate fuels
- ❖ Vehicle dynamics
- ❖ Pollution Norms in Marine
- ❖ Advanced Propulsion System

At least one author of the accepted paper has to register and must ensure presentation of the paper. Exclusive sessions are arranged for Industrial participants.

Submission Guidelines

Official language is English in paper writing and presenting. Extended Abstracts in MS word format not exceeding 500 words covering abstract, keywords, brief introduction, part of experimental & numerical studies, inferences and relevant references should be submitted through <https://www.goo.gl/9P96gT>.

Articles submitted to the conference must not be under consideration for publication elsewhere. Also, any act of plagiarism is totally unacceptable and those papers will not be considered for the conference.

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Journal Publications

All the submitted papers will be peer reviewed and evaluated based on originality, technical contents and relevance to the Conference. All the accepted papers will be published in any one of the Scopus / SCI Indexed Journals listed below.

- ✦ International Journal of Rapid Manufacturing.
- ✦ Polymers and Polymer Composites.
- ✦ International Journal of Society Systems Science.
- ✦ Journal of Scientific & Industrial Research.
- ✦ International Journal of Mechanical and Production Engineering Research and Development.
- ✦ Journal of the Balkan Tribological Association.

For further details, refer our official conference Website: <http://www.svce.ac.in/icamme2018>

Payment Details

The registration fee can be paid either by DD in favour of **"The Principal, Sri Venkateswara College of Engineering"** payable at Chennai or directly remitted to A/C. No. 467302331, IFSC Code - IDIB000S080, Indian Bank, Sriperumbudur. Swift Code - IDIBLKLK (for Non-Indian transactions).

Registration Fee

Delegates from Academia	: Rs. 5000/-
Delegates from Industry	: Rs. 7000/-
Delegates from Abroad	: 200 USD

Important Dates

Submission of abstract	February 20, 2018
Intimation of acceptance of abstract	February 28 2018
	March 10, 2018
Submission of full paper	March 20, 2018
Intimation of Acceptance of full paper	April 01, 2018
Last date for Registration	April 15, 2018

Please scan the QR code to have quick access to conference website



Address for correspondence

Dr. S. Ramesh Babu

Professor & Head

Department of Mechanical Engineering

Sri Venkateswara College of Engineering

Pennalur, Sriperumbudur (TK), Tamil Nadu, India - 602 117

+91 99624 86928, 94452 35139, 77085 39715, 044 - 27152000, Ext. - 400,

icamme2018@svce.ac.in

www.svce.ac.in