

MEMSAAS-2020

5th NATIONAL CONVENTION
&
NATIONAL CONFERENCE



THEME: ADVANCED TECHNOLOGIES IN AEROSPACE AND
MECHANICAL ENGINEERING



Organized by

SAMP

Society for Aerospace and Mechanical
Professionals
(Registered Under Society Act)

Date: 24th & 25th Jan 2020

Venue:


*C.S.I College of Engineering,
Ketti, Ooty - 643215, Tamilnadu*











MEMSAAS-2020

MEMSAAS-2020 is a prestigious Mega Event consists of 5th National Convention and National Conference, organized by **Society for Aerospace and Mechanical Engineering Professionals (SAMP)** in association with Gifzer Academy and Innovations Pvt. Ltd, Chennai and Altic LLC, USA and is hosted by CSI College of Engineering, Ketti, Ooty. The main objective of the event is recognizing the hard work, innovation and dedication of individuals in their profession through Awards. The technology is advancing at many frontier areas at a very fast pace hence, the national conference will create a platform for exchange of recent advancements and expertise in the field Aerospace and Mechanical Engineering. The event is meant for educators, technocrats, students, experts, industries and educational institutions.

MEMSAAS *stands for*

-  M- Medicine
-  E- Engineering
-  M- Management
-  S- Science
-  A- Arts
-  A- Agriculture
-  S- Social

MEMSAAS – 2020 *includes:*

-  Award Ceremony
-  Conference
-  Panel Discussion
-  Invited Lectures
-  Project Expo
-  Workshop
-  Quiz Competition
-  Astronomy Camp

***Jointly
Organized by***



**Society for Aerospace &
Mechanical
Engineering
Professionals**



**Gifzer Academy &
Innovations Pvt. Ltd**



**Altic LLC,
California**

About Host Institution: CSI College of Engineering

The CSI College of Engineering (CSICE) is a self-financing Engineering College situated in Ketti Valley, which is 7 km from Ooty, Nilgiris dist. CSICE was established in 1998, offering degree level courses in different disciplines of Engineering Sciences. This college was founded by the Church of South India (CSI), Coimbatore Diocesan Council which is a pioneer in running Educational Institutions, from pre-primary to post matriculation, graduate to post-graduate levels, all known for their academic standards and discipline. The venue can be reached by Air (Coimbatore International Airport (82km), Train - Ooty Railway station (7km) and Road Ooty Bus station (7km).

About Conference

5th National Conference on “Advanced Technologies in Multidisciplinary Research” [NCATMR-2020] is to be held in Ooty, on the 24th and 25th January 2020. The main objective of the National Conference is to provide a platform for researchers and research scholar’s academic scientists and students to share their experiences and research results through presentation and discussion on Advanced Technologies in multidisciplinary research field that will lead to the futuristic developments. The conference emphasizes on innovation and development of new technologies/products and research in the fields of mechanical and aerospace engineering. The conference covers topics of Aerospace and Mechanical Engineering domain that appeal to a broad interest among researchers, students, academicians and industry experts.

Topics of Interest NCATMR-2020

Papers are invited in the following area in IEEE format and mail to: ncatmr2019@gmail.com

Selected papers will be published in Scopus indexed Journal. ** Condition apply.

Advancements in Mechanical Engineering

- **Design:** Modeling and Simulation, Dynamics and Controls , Experimental Techniques and Measurements
- **Structures and Materials,** MEMS and Nanotechnology
- **Manufacturing,** Automation, Green Manufacturing , Industrial Tribology , Reverse Engineering
- **Mechatronics:** Robotics, Instrumentation and Control, Autonomous / Intelligent Robotic Vehicles, Human Factors and Human Machine Interaction
- **Modeling and simulation:** Process modeling, Optimization, Biomechanics, Computational Fluid Dynamics
- **Energy Systems:** Energy Management: Fuels and Combustion, Renewable and Non-Renewable Energies, Energy storage
- **Automobile:** Advanced Vehicle Control, Automated Vehicles, Active and Passive Vehicle Safety, Vehicle Environment Perception, Eco-driving and Energy-efficient Vehicles, Cooperative Vehicle-infrastructure Systems, Telematics, Electric and Hybrid Technologies

Advancements in Aerospace Technologies

- **Aerodynamics:** Aeronautics and Aerospace Engineering, Aerospace Manufacturing Technologies, Aerospace Structures and Materials
- **Air Vehicle Systems and Technologies:** Aircraft Design and Development, Antennas, RF/Microwave Systems, and Propagation, Communication, Navigation Systems and Technologies
- **Diagnostics, Prognostics and Health Management:** Ground and Space Operations, Human Factors. Observation Systems and Technologies, Propulsion, Remote Sensing. Software and Computing
- **Space Missions, Systems and Architectures:** Spacecraft Avionics Systems, Subsystems, and Technologies, Spacecraft, Launch Vehicle Systems and Technologies.

For Information regarding Awards, Invited Lectures, Project Expo, workshop, Quiz and Astro Camp kindly visit www.memsas.com or write to us at memsas19@gmail.com

Important Dates

Full Paper Submission Deadline	15th Jan 2020	Registration Deadline	20th Jan 2020
Acceptance Notification:	17th Jan 2020	Conference Date & Time	24th & 25th Jan 2020 09:00 am to 03:30 pm

Accommodation

Accommodation for the registered participants will be arranged in Institute premises on request by paying nominal fee. Accommodation will be given in "First Come First serve" basis

Registration Fee

SAMP Corporate Members	INR 2000	Student Participants	INR 1250
SAMP Student Members	INR 1000	Faculty/Research Scholars	INR 3000
Industry	INR 5000	Foreign Delegates	USD 200

Account Information

Account Name	Society for Aerospace & Mechanical Professionals	IFSC	SBHY0021619
Account Number	62384215644	Bank	State Bank of India, Hosur

Participants can send the Registration Fee in the form of Demand Draft/Cheque in favour of "Society for Aerospace and Mechanical Professionals" payable at Hosur, Tamil Nadu or through NEFT/IMPS

Organizing Committee:

Patron	RT. Rev. Timothy Ravinder BSc BD ZD, Bishop of Coimbatore Dr. R.M.Vasagam FIE, Former Vice Chancellor, Anna University Mr. M.N.Sudhan Appadurai, Correspondent, CSICE, Ketti, Ooty
Chairman Co-Chairman	Prof. R.R. Elangovan Hon. President, SAMP Dr. J.Arivudainambi Working President, SAMP
Organizing Officers	Dr. J.Joshua Gnana Sekaran, Principal, CSICE, Ketti, Ooty Dr. K.Ganesan, Hon. Secretary, SAMP Er. Jenstin Joshua Secretary and Director General, SAMP

Contact Points

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