

## Participation Details

Dates/Deadlines (Indian Standard Time) *	
Last date for final full paper submission	20 <sup>th</sup> August 2014
Sending invitation letter	3 <sup>rd</sup> November 2014
Camera ready format submission	12 <sup>th</sup> November 2014
Last date for registration / Registration payment	2 <sup>nd</sup> December 2014
Conference Date	26-28 December 2014

## Registration Fee

Includes free access to all conference halls, exhibitions, certificate, a hard copy as well as a soft copy of conference proceedings, refreshments, special lunch, special dinner and local transport during the Conference.

## Mode of Payment

The registration fee is to be paid by way of DD or direct electronic funds transfer. Crossed DD in favour of "The Principal, Sri Krishna College of Engineering & Technology", payable at Coimbatore should be sent along with Registration Forms to the contact address. For details on direct electronic fund transfer, please refer our conference website.



\* World Time zone map for your reference.

	Indian (in Rs)	Foreign (in US \$)
Delegates from Industries	5000/-	\$400
Delegates from R&D organization	3000/-	\$200
Delegates from Academic Institutions	2000/-	\$100
Student Delegates	1500/-	\$50
Accompanying Spouse	1000/-	\$50
Delegates for Poster Presentation	500/-	\$20

## Conference venue and Accommodation

Conference will be held in a grand manner at SKCET campus. Limited accommodation will be provided in hall of residence for men and women inside the campus. Upon prior requests, hotels can be reserved in Coimbatore on a wide range of budget from Rs.1000/- to Rs.7000/- per day. Transport and other arrangements to the venue of conference will be organized by us.

For further details contact:

**The Organizing Secretary**  
ICAMME 2014

E-mail : [icammeskcet@gmail.com](mailto:icammeskcet@gmail.com)  
Web : [www.icamme.in](http://www.icamme.in)  
Phone : 0422 - 2678001 (Extn - 173)  
Fax : 0422 - 2678012

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# SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY



An Autonomous Institution  
Approved by AICTE and affiliated to Anna University  
Kuniamuthur, Coimbatore - 641 008.

## International Conference on Advances in Mechanical and Mechatronics Engineering

# ICAMME 2014

December 26 - 28, 2014



Organized by  
**The Department of Mechanical Sciences**

## About us...

### Sri Krishna College of Engineering and Technology

Sri Krishna College of Engineering and Technology (SKCET), Coimbatore was established in the year 1998 for providing quality technical education to the young minds of the state. It is run by Sri Krishna Institutions along with five other Educational Institutions and it is affiliated to Anna University, Chennai and approved by AICTE. The College was granted Autonomy status since the year 2011 due to its significant growth in short span of time. SKCET is built with an ambience which stimulates Intellectual thinking and Academic interaction. In all, the College offers seven undergraduate and nine postgraduate programmes in Engineering, Computer Applications and Management. It has full-fledged infrastructure furnished in all aspects with a world-class library as the highlight. The college has also carved a niche for research & development and regularly organizes workshops, conferences, seminars and symposiums for the benefit of staff and students.

### Mechanical Engineering Department

The Mechanical Engineering Department was established in the year 1998. The Department offers 4 year B.E Degree course in Mechanical Engineering and 2 year Master Degree programmes in CAD/CAM and Engineering Design. Due to Infrastructure, Facilities and Faculty, the Department has secured Anna University Permanent Affiliation in the year 2005 – 2006. Dedicated and Experienced faculty, 5 of them with Ph.D degrees and 27 others with M.E/ M.Tech degrees, drawn from industries and reputed academic institutions form the backbone of the department. The department has 19 Laboratories created with futuristic vision. The Department is also a recognized research centre for offering PhD programmes under Anna University. The students of the department are well molded for the industrial environment by making industrial visits mandatory and by encouraging them to undergo industrial training. Their creativity is also kindled by encouraging them to participate in inter-college competitions, mini project exhibitions, etc. The department has received grants from AICTE for research and development activities and it also consistently organizes several workshops, seminars, conferences, etc.

### Mechatronics Engineering Department

The Department of Mechatronics Engineering provides an integrated education encompassing electrical, mechanical, control and computer engineering disciplines which enables its graduates to acquire the needed skills in facing the challenges of contemporary industry. Our graduates possess highly demanded skills in areas such as robotics, automation, instrumentation and intelligent systems design. Students are concurrently encouraged to involve in co-curricular and extra-curricular ventures for enriching their knowledge on technical and non-technical field. Students are guided by faculty to participate in symposiums, conferences and competitive events across colleges and Universities. The Association of Mechatronics engineering also draws together and inspire its members to engage in educational and social interactions.

### Festivals of India - December / January

Christmas
New Year
Chennai Music Festival (Madras Music Season)
Goa Lokotsav 2014 Folk Festival
Hampi Festival
International Kite Festival
Pongal
Bikaner Camel Fair
Republic Day Parade
Kumbhalgarh Festival

### Around Coimbatore

Ooty
Valparai
Anaikatti
ISHA yoga centre, foot of Vellingiri hills
Malampuzha Dam

### Reference site

<http://tourism.gov.in/>  
<http://www.incredibleindia.org/>

### For visa applications

<https://indianvisaonline.gov.in/visa/>

### Our Location

Tamil Nadu is radically distinct from other states of India in terms of its heritage rich culture, highly productive farm-lands, competitive manufacturing & Education sector and empowering youth. Tamilians speak Tamil (mother-tongue), Hindi and English.

Coimbatore is the second largest city in Tamil Nadu with a metropolitan population of over 2 million. It is a major commercial centre and has often been referred to as the “Manchester of South India”. It is situated on the banks of the Noyyal River in western Tamil Nadu and is surrounded by the Western Ghats on all sides. It is well connected by road, rail and air with major towns and cities in India. Coimbatore proudly holds the name “Textile and manufacturing hub” of Tamilnadu and also efficiently balances an ethnic climate, peaceful and secular environment.

### Submission Details

Authors are requested to submit full papers in any of the listed topics or any other related topics in the following format.

Paper Template	: IEEE
Number of Pages	: 6 (including figures, tables and references)
Page Size	: A4
Page Numbering	: Off
File format	: PDF
File Size	: 4 MB Maximum
Abstract	: Should be a meaningful description of your work (150 words maximum)
Keywords	: 6
Colour	: Preferably in black and white

The authors should send the paper to [icammesket@gmail.com](mailto:icammesket@gmail.com). The work presented in the paper should be original and should not have been published earlier or be under consideration for publication in any journals or conference proceedings. All the papers will be peer reviewed and the corresponding author will be notified the results of review.

Transferring copyright is a necessary requirement for publication, except for material in the public domain or which is reprinted with permission from a previously published, copyrighted publication. All the authors are requested to submit their copyright forms (downloaded from the website), while submitting the final corrected version of their papers.

### Conference Objective and Scope

OBJECTIVE: ICAMME is aimed at providing a premier forum at a global level to present and discuss new ideas, novel results, grand challenges and major technical trends in Mechanical Engineering, Material Science and Mechatronics Engineering. This conference will bring Educators, Researchers, Professionals, Industrial Experts and learners of the fields together under a common roof and will address open issues in all aspects of Mechanical and Mechatronics Engineering.

The conference is soliciting state-of-the-art research papers in the following topics of interest for submission, but are not limited to:

### Mechanical Stream

- Lean Manufacturing
- Smart/Composite Materials
- Rapid Prototyping
- High Speed Manufacturing
- Quality Control
- Advanced Techniques in Optimization
- Flexible Manufacturing system
- Micro and Nano Manufacturing
- Supply Chain Management
- Green Manufacturing
- Non Destructive Testing
- Bio Mechanics and Bio Tribology
- Failure and Fracture Mechanics
- Nano Mechanics
- CAD/CAM/CIM/CAE
- FEM Techniques
- Defense Vehicles
- Precision Simulation
- Fuel Cells
- Alternate Refrigerant
- CFD Analysis
- Renewable Energy
- Combined Heat and Power System
- Thermo Responsive Polymers
- Thermal Analysis of Nuclear System
- Heat and Mass Transfer

### Plagiarism

Authors are insisted to submit their original work only, without plagiarism. If plagiarism is found by Plagiarism Checker Software, authors will be responsible for any consequences, and their papers will be rejected.

For more info:

[http://www.ieee.org/publications\\_standards/publications/rights/plagiarism\\_FAQ.html](http://www.ieee.org/publications_standards/publications/rights/plagiarism_FAQ.html)

### Mechatronics Stream

- SCADA
- Distribution Control Systems
- Advanced Sensor Technology
- Applications of Mobile Robots
- Power Electronics and Drives
- Special Electrical Machines
- FACTS
- VLSI & Embedded Systems
- Signal Processing
- MEMS
- Artificial Intelligence
- Image Processing
- NEMS
- Modeling and Optimization Techniques
- Intelligent Mechatronics Systems
- Modeling & Control
- Telerobotics
- Diagnostic, Safety and Reliability
- Applied Vision Systems and Supervision
- Self-organizing Systems
- Efficiency of Industrial and Mobile Robots
- Automated Guided Vehicle Systems
- Intelligent Manufacturing Systems
- Robotic Vision, Localization and Navigation
- Simulation in Production
- Man-machine Interaction

### Best Paper Award & Journal Publication

Best Paper will be selected by the peer reviewers and will be awarded. All selected papers for oral presentation will be sent for probable publication in reputed international journals, including the ones listed in the Annexure II of Anna University, Chennai.

