

Important Dates

Abstract Submission Deadline	:	10 th June 2019
Full Paper Submission Deadline	:	20 th June 2019
Notification Date	:	5 th July 2019
Camera Ready Submission	:	15 th July 2019
Registration Deadline	:	26 th July 2019
Conference Dates	:	26 th & 27 th July 2019

Registration Fee & Guidelines

Indian Authors	UG/ PG/ PhD Scholars	3,000 INR
	Academician/ Industrialist	3,500 INR
Foreign Authors	UG/ PG/ PhD Scholars	75 USD
	Academician/ Industrialist	90 USD

- Registration Fee is exclusive of Article Processing Fee for ESCI and SCIE Journals
- The authors who registered as participants will get conference kit along with certificate
- The Book of abstracts will be published.
- Service tax as applicable

Payment Mode

The Payment for Registrations can be made through Online.

Online Payment Details:

The Convener

A/C No. 31072418785

IFSC Code: SBIN0010577

RGM CET Branch

Nandyal

Author Guidelines

- Papers are invited from UG/PG students, research scholars, Faculty of colleges and Industries.
- The paper must be in single column format 12 to 18 pages limited to 400 words per page. The papers should be sent in Microsoft Document Format (.docx or .doc) to the conference email address: icaiasm@srecnandyal.edu.in
- During the time of conference atleast one of the authors must register and should be available for presentation

Conference Venue

Mechanical Engineering Block

SANTHIRAM ENGINEERING COLLEGE

NH-40, NERAVADA CROSS ROADS

Nandyal-518501, Kurnool Dist

Andhra Pradesh

Chief Patron:

Dr. M. SANTHIRAMUDU, Chairman, SREC

Patron:

Er. M. SIVARAM, Managing Director, SREC

Convener

Dr. M. V. SUBRAMANYAM, Principal, SREC

Co-convener

Dr. RAMESH RAJU, Prof. & Head, Dept. of ME, SREC

International Advisory Committee

Dr. Suwas Krishna Nikumb, Canada

Dr. Subramaniam Arunachalam, London, UK

Dr. Hua-XinPeng, United Kingdom

Dr. Nachiappan Subramanian, United Kingdom

Dr. Che-Hua Yang, Taiwan

Dr. A. Senthil Kumar, Singapore

Dr. Manoj Gupta, Singapore

Dr. Tan Koon Tatt, Malaysia.

Dr. Rika Ampuh Hadiguna, Indonesia,

Dr. Baskar K, Sultanate of Oman.

Dr. M.Ashfaq, Kingdom of Saudi Arabia

National Advisory Committee

Shri. Jegadeesh T.J - ADS PRO-Shield- Chennai

Dr. Soundarapandian, IIT Madras.

Dr. Aravindan, IIT Delhi.

Dr. Sahana Agarwal, NIT Raipur

Dr. K. Parthiban, NIT Tiruchirapali

Dr. T. Ramesh, NIT Tiruchirapali

Dr. Ardhendu Saha, NIT agartala

Dr. Ram Naresh Rai, NIT agartala

Dr. MainakMallik, NIT Arunachala Pradesh

Dr. P. V. Varde, BARC, Mumbai

Dr. Balaji Ganapathi, Applied Materials, Mumbai

Dr. S.S.Panwar, Scientist, DRDL, Hyderabad

Shri. Balamuralikrishna, Scientist GTRE, Bangalore

Shri. Parthiban, Scientist GTRE, DRDO, Bangalore

Organizing Committee:

Mr. P. Moulali, Asst. Prof.

Mr. P. Venkataramana Asst. Prof.

Mr. M. Ravichandra Asst. Prof.

Mr. P. Madhuraghava Asst. Prof.

Mr. T. Arun Selva Kumar Asst. Prof.

Mr. P. Nagaraju, Asst. Prof.

Mr. S. Khajamoiddun. Asst. Prof.

Mr. K. L. Srinivasulu. Asst. Prof

2nd INTERNATIONAL CONFERENCE

On

ADVANCES IN INDUSTRIAL AUTOMATION AND SMART MANUFACTURING

ICAIASM2019

26th and 27th July 2019



Organized by

Department of Mechanical Engineering

& Publication in
Association with



Springer Lecture Notes in Mechanical Engineering

SANTHIRAM ENGINEERING COLLEGE

Approved by AICTE, New Delhi

Permanently Affiliated to JNTUA, Ananthapuramu,

An ISO 9001:2015 Certified Institution

Recognized under 2 (f) & 12 (B) of the UGC ACT, 1956

NH-40, Nandyal – 518501:: Kurnool Dist. A.P.

Visit us @ www.srecnandyal.edu.in



ABOUT COLLEGE

Santhiram Engineering College (SREC) is sponsored by M/s Sri Shirdi Sai Educational Academy, Nandyal. It is established under the able guidance of Dr.M.Santhiramudu, Chairman, in the year 2007 with a Noble motto "Education for peace and progress". The boundless energy of Er. M. Sivaram, Managing Director and Dr. M. V. Subramanyam, Principal of the college, are the source of inspiration to our faculties and students. SREC is permanently affiliated to Jawaharlal Nehru Technical University, Ananthapuramu and provides an excellent value based technical education by keeping the overall growth and development of students in mind.

Achievements of SREC

SREC received BEST FASTEST GROWING ENGINEERING COLLEGE IN AP Award in 2014 from Dr. Smt. NAJMA HEPTULLA, Ministry of Minority Affairs, New Delhi.

The BEST ENGINEERING COLLEGE in India with "AA" Grade Ranked by Career 360° Magazine.

Dr. M. V. SUBRAMANYAM, Principal, received a National PATENT CERTIFICATE for his Research work in 2015.

SREC Received 2 GOLD MEDALS from JNTUA, Ananthapuramu and 8 PRATHIBA AWARDS from the Govt. of A.P. till 2018

Received 10 PMKVY Skill Development Centers in different departments.

Recognized under GOLD CATEGORY in AICTE - CII Survey
Recognized NPTEL Online Exam Center by IIT, Chennai,

Received MICROSOFT CAMPUS AGREEMENT

Received nearly Rs.20,00,000/- worth AICTE/IE/UGC Research Projects

Signed MOU with LINCOLN University, Malaysia for bilateral R&D activities.

Inked MOU with NUCLEUS VISION (Eleven 01 Labs) to promote Block chain Technology across Indian college students.

Our student won the GOLD MEDAL in the 3rd HEROES TAEKWONDO INTERNATIONAL CHAMPIONSHIP, Thailand in 2017.

Secured 2nd prize in AICTE CHHATRA VISWAKARMA AWARD, 2018.

ABOUT CONFERENCE

Today's challenge is to motivate the engineering group through the trade of information and sharing of best practices in a worldwide scale setting and toward advances for a Industrial revolution and Process Automation.

This conference helps to support and develop technologies for right understanding and implementation of concepts of Smart Manufacturing. The conference will discuss about many industrial concepts like Industrial IoT and Cyber Physical Systems, Advanced Simulation and Digital Twin, Wireless Instrumentation, Rapid Prototyping and Tooling, Augmented Reality, Analytics and Manufacturing Operations Management and so on. Hence, it will empower and enable the participants to understand the changes in global manufacturing scenario. It also projects the global competitiveness of the Indian goods through smart manufacturing.

This conference will serve as a platform to deliver a current and future to be products, technologies, goods and information. It gives overview of the standards and technologies used to implement Industry 4.0 and Industrial IoT based environment for Smart manufacturing.

The conference is planned with an objective to showcase contemporary Technologies, Industrial IoT, augmented reality and smart technologies through interactive learning.

It also helps

- ✓ To identify the improved information technology solutions involving the union of conventional automation with information Technology.
- ✓ To make adequate provisions on understanding of analysis tools to evaluate different manufacturing scenarios.
- ✓ To drive an interaction for effective utilization of product design functions along the supply chain concept.
- ✓ To explore the information on human robot collaborations and to understand the combination of human cognitive ability with robot precision.
- ✓ To understand major global and regional socio-economic changes and their implications in Industrial Automation and Smart Manufacturing Processes.

CONFERENCE TOPICS

Technical Fields but not limited to

- Industrial IoT and Smart Factories
- Wireless Instrumentation & Cyber Physical Systems
- Engineering Design Tools & Techniques for Industry 4.0
- CAD/CAE/CAM/PLM/CIM/DFX/MES
- Robotics and Artificial Intelligent in Manufacturing, AR & VR
- Sustainable & Resource Efficient Manufacturing
- 3D printing and Additive Manufacturing
- Hybrid Manufacturing
- Big Data Analytics in Manufacturing and Services
- Innovative Manufacturing Systems and Services
- Zero-Defect Manufacturing
- Design and High Precision and Manufacturing
- Manufacturing Process and Technology of Customized Products
- Micro and Nano-Manufacturing
- Predictive Maintenance and Manufacturing Systems Reliability
- Production Planning and Control
- Inventory, Scheduling, Supply Chain and Logistics
- Lean and Agile Manufacturing
- TQM- and 6 Sigma
- Engineering Education
- Advanced IC Engine and Fuels

Submission of papers

Full manuscript needs to be send as per the author guidelines along with their affiliation and address for communication. The acceptance of the paper is based on stringent peer review process and the technicality of the paper presented. Registration to the conference is compulsory for presentation in conference and for publication in conference proceedings

Eligibility

Scientist, Industrialist, Faculties, Research scholars and Engineering Students from AICTE affiliated institutions are eligible.