

## About SREC

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:

- Ranked as "AA" grade in CSR in 2014
- Received "Best Fastest Growing Engineering College in Andhra Pradesh" from Global Education Excellence Awards, New Delhi
- Received Two Gold Medals from JNTUA, Ananthapuramu
- Received Two Prathibha Awards from the Govt. of A.P.
- One and only BHEL R&D centre in A.P.

## About Nandyal

The historical city of Nandyal, Andhra Pradesh, India is surrounded by hills with the Kundu River on its west, the dense forests of Nallamala Hills to the east and granite mines to the south. The town is rich in water resources like reservoirs and natural resources like granite and marble.

Nandyal has several historical and sacred destinations like Belum Caves, Nine Nandi temples, Sri Yaganti, Ahobilam and Srisailem. Nine Nandi temples has been an important pilgrimage site since the days of the Vijayanagar Kingdom around the 14th century. Sri Yaganti is having the world's largest Nandi idol and the rock grows at the rate of 2.5 cm per 20 years, as per Archaeological Survey of India. These places are not only the pilgrimage centers but also speak the cultural heritage of ancient Andhra Pradesh. Nandyal is the oldest municipality of Andhra Pradesh and was visited, among others, by Shri. Mahatma Gandhi, Dr. Rajendra Prasad, Shri. Jawaharlal Nehru, and Shrimathi. Indira Gandhi. This is the only one parliament constitution which produced both Prime Minister and President.

## About the Conference

The International Conference on Advances in Engineering and Management Sciences (ICAEMS - 17) is proposed to be conducted during 14<sup>th</sup> and 15<sup>th</sup> July, 2017. It is planned to be organized by Departments of Computer Science, Mechanical, Electrical, Electronics & Communication Engineering, Management Studies and Science & Humanity of SREC. The main objective of this conference is to bring together industrial experts, teachers, research scholars

and students around the globe, to provide a platform to present their research results. This comes in appropriate time to establish an effective channel to exchange new ideas and development activities in the fields of Engineering, Management and Sciences. This will offer greater opportunity to explore innovative and intelligent engineering concepts and other advanced process in wide range of applications.

### Technical Fields but not limited to :

#### Track 1 (Manufacturing and Modeling)

- Advanced Thermal Processing
- Materials for Agricultural, Aerospace & Automotive Applications
- Mechanical Behavior of Materials and Alloys
- Design for Manufacturing
- Optimization, Process Modeling & Simulations
- Logistics & Supply Chain Management

☎ 9666117696 ✉ icaems.track1@gmail.com

#### Track 2 (Cloud Computing & Software Techniques)

- Teleworking, teleconferences and virtual meetings
- Energy Aware Software, Hardware and Middleware
- Cloud Computing and Architecture
- Soft Computing Techniques
- Energy Efficient and Energy Aware Data Storage
- Innovative Practices in Technology Transfer

☎ 9701429254 ✉ icaems.track2@gmail.com

#### Track 3 (Smart Grids & Power Electronics)

- Smart Grids and Virtual Power Stations
- Sustainable Energy Use and Green Technology
- Power Electronics & Renewable Energy
- DC & AC Drives
- Nano Technology Applications in Electrical Systems
- FACTS
- Control Systems and Applications

☎ 9951000912 ✉ icaems.track3@gmail.com

#### Track 4 (Communication & Information Processing)

- Low Power VLSI Design for Various Applications
- Embedded Systems
- Advanced Communication Systems
- Robotic and Process Control
- Wireless Sensor Networks for Various Applications
- Smart Sensors and Transducers
- MEMS and Nano-sensor

☎ 9494938755 ✉ icaems.track4@gmail.com

#### Track 5 (Management & E-Business)

- Inter Personal Skills & Personality Development
- Corporate Social Responsibility & Sustainability
- Industrial Relations
- General Management & E-Business
- Entrepreneurship Opportunities & Challenges
- Intellectual Property Strategy & Management

☎ 9885604261 ✉ icaems.track5@gmail.com

#### Track 6 (Science & Literature)

- Environmental Science
- Energy Conservation and Waste Management
- Biodiversity and Conservations
- Chemistry of Engineering Materials and Polymers
- Atomic and Nuclear Physics
- Laser Optics
- Nano-science and Nano-materials
- Heat, Mass Transfer and Fluid Dynamics
- Mathematical Techniques and Applications
- Numerical Analysis and Applied Mathematics
- Emerging approaches & methods in English Language Teaching
- Marginalized Indian Writings in English

☎ 9985091069 ✉ icaems.track6@gmail.com

## Submission of papers:

We take great pleasure in inviting teachers, research scholars, authors to the **ICAEMS-17**, to participate in conference and publish articles.

The papers should be original and unpublished research work. The paper prepared must be in accordance with IEEE format and maximum size of six pages. The papers should be sent in Microsoft document format (.doc or .docx) to the mail addresses mentioned in respective tracks. During the time of conference, at least one of the authors must register and should be available for presentation.

All the accepted articles will be published in the conference Souvenir with ISBN, a copy of which will be given to each participant. All submitted manuscripts will be scrutinized for peer review and the outcomes will be notified to the respective authors. All the selected papers will be published in the SCI/ ESCI/ Scopus/ Thomson Reuters indexed journals. The details related to publications and special issues will be updated in website.

Keynote sessions/ Invited lectures are also arranged on the day of Conference.

**Awards will be given for the best technical paper and for the best oral presentation**



#### Chief Patron

**Dr. M. SANTHIRAMUDU**, Chairman, SREC

#### Patron

**Er. M. SIVARAM**, Managing Director, SREC

#### Convener

**Dr. M.V. SUBRAMANYAM**, Principal, SREC

#### Coordinator

**Dr. RAMESH RAJU**, Professor, Dept. of ME, SREC

#### Cocordinator

**Mr. Y.MALLIKARJUNA RAO**, HOD of ECE, SREC

#### IMPORTANT DATES:

Abstract / Full length Paper submission deadline : **March 25, 2017**

Acceptance of Abstract / Full length Paper : **April 14, 2017**

Camera Ready paper submission deadline : **April 27, 2017**

Early bird registration starts from : **May 13, 2017** onwards

Late registration starts from : **June 14** onwards

Conference dates : **July 14-15, 2017**

#### Registration Fee/Author

Category	Early-Bird Registration	Late Registration
PG Student Authors	INR 1500/-	INR 2000/-
Professional Authors / Scholars	INR 2500/-	INR 3000/-
Foreign Authors	INR 5000/-	INR 5500/-
Participants	INR 1500/-	INR 1500/-

\* Registration fee is exclusive of Article processing fee.

\* The Authors who registered as participants will get conference kit along with the certificate.

\* The proceedings of the conference will be published with ISBN.

\* Service Tax as applicable

#### PAYMENT MODE:

The payment for registration can be made through online/ Demand Draft

#### Demand draft Details :

In Favour of "The convener, ICAEMS-17, Santhiram Engineering College, Nandyal" payable at Nandyal.

#### ONLINE Payment details:

The Convener, A/C No. 31072418785, IFSC CODE: SBIN0010577, RGM CET Branch, Nandyal

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#### Event Management Committee:

**ALL THE FACULTY MEMBERS OF SREC**



**INTERNATIONAL CONFERENCE**  
On  
**ADVANCES IN ENGINEERING MANAGEMENT & SCIENCES**  
**2K17**  
**ICAEMS-17**  
(July 14<sup>th</sup> & 15<sup>th</sup>, 2017)

In Association with  
Taylor & Francis  
Journal of Scientific & Industrial Research  
Engineering and Technological Sciences  
IJCTA  
Serials Group

All selected papers will be published in  
SCI/ ESCI/ Scopus/ Thomson Reuters indexed journals.

**SANTHIRAM ENGINEERING COLLEGE**  
Approved by AICTE, New Delhi:  
Permanently Affiliated to JNTUA, Ananthapuramu,  
Recognition of the college under 2 (f) & 12 (B) of the UGC ACT, 1956  
An ISO 9001:2008 Certified Institution  
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