



# National Conference on EMERGING TRENDS IN CIVIL ENGINEERING

26<sup>th</sup> March 2019

## Founder :

**(Late) Shri. D. SUDHARSSANAM**, M.L.A.,

## Chief Patron :

**Shri .D. DURAISWAMY**, Chairman

**Shri. D. PARANTHAMAN**, Vice Chairman

**Shri. D. DASARATHAN**, Secretary

**Shri. S. AMARNAATH**, Correspondent & Treasurer

**Shri. S. GOPINATH**, Joint Secretary

## Patron :

**Shri. P. VENKATESH RAJA**, B.E.,M.S.,  
Director

## Chair Person :

**Dr. P.K. NAGARAJAN**, M.E., Ph.D.,  
Principal

## Convener :

**Dr. A. CHANDRAN**, M.E.,Ph.D.,  
HOD/Civil

## Coordinator :

**Dr. M. THANIKACHALAM**, M.Tech.,Ph.D.,  
Professor/Civil

## Advisory Committee :

**Dr. M. V. RAMANA MURTHY**,  
Director, National Centre for Coastal Research, Chennai.

**Dr. S. K. SUBRAMANIAN**, Rtd.,  
Group Director, NRSC, ISRO, Hyderabad.

**Dr. P. SHANMUGAM**, Professor, Department of Ocean Engineering,  
Indian Institute of Technology Madras, Chennai.

**Dr. G.S. DWARAKISH**, Professor and Head,  
Department of Applied Mechanics & Hydraulics,  
National Institute of Technology Karnataka, Karnataka.

**Dr. E.S.M. SURESH**, Professor & Head, NITTTR, Taramani, Chennai.

**Dr. P. JAYABALAN**, Professor, Civil Engineering Department, NIT Trichy.

**Dr. J. DEVASENAPATHI**, Senior Scientific Officer,  
Science City, Chennai.

**Dr. K. PREMALATHA**, Professor, Department of Civil Engineering,  
College of Engineering, Anna University, Chennai.

**Dr. K. C. PAZHANI**, Professor, Department of Civil Engineering,  
College of Engineering, Anna University, Chennai.

## Organizing Secretaries :

**Mr. R. RAJANANDH**, Asst. Professor

**Mr. G. VINOTHKANNA**, Asst. Professor

**Ms. AARTHI NAGARAJAN**, Asst. Professor

**Ms. S. PRIYAVADHANI**, Asst. Professor

**Ms. V. VIDYA**, Asst. Professor

**Mr. K.R. DHEEPAN**, Asst. Professor

**Ms. G. DHANALAKSHMI**, Asst. Professor

**Mr. S. SARAVANA KUMAR**, Asst. Professor

**Mr. G. ADARSH**, Asst. Professor

**Mr. M. VIGNESH**, Asst. Professor

**Ms. V. KARTHIKA**, Asst. Professor

**Ms. M. POORANI**, Asst. Professor

**Ms. S. PAVITHRA**, Asst. Professor

**Mr. G.K. SATHEESH KUMAR**, Asst. Professor

## **ADDRESS FOR CORRESPONDENCE :**

**Dr. M. THANIKACHALAM**

Co-ordinator

Department of Civil Engineering

## **S.A. ENGINEERING COLLEGE**

Poonamallee Avadi Main Road,  
Thiruverkadu, Chennai - 600 077

Phone No. : 044-2680 1999 / 2680 1499

Fax No. : 044-2680 1899

Mobile : 9443424062

Email : [civilconference@saec.ac.in](mailto:civilconference@saec.ac.in)

Website : [www.saec.ac.in](http://www.saec.ac.in)

*Organized by*

**Department of Civil Engineering**



## **S.A. ENGINEERING COLLEGE**

**(Accredited by NBA, NAAC with 'A' Grade &  
ISO 9001: 2015 Certified Institution)**

Poonamallee - Avadi Main Road,  
Thiruverkadu, Chennai - 600 077.

Tamil Nadu, INDIA

Phone : 044-2680 1999, 2680 1499

Fax : 044-2680 1899



## ABOUT THE COLLEGE

S.A. Engineering College (SAEC), was established by Dharma Naidu Educational & Charitable Trust in the year 1998-1999. The college is approved by AICTE, New Delhi and affiliated to Anna University Chennai, Chennai, Tamil Nadu. The college is well-planned with 5 lakhs sq.ft of constructed area which includes classrooms, drawing hall, laboratory, workshops and associated facilities. In recognition of quality system of high quality policy being implemented by the Institution, M/s TUV NORD has accorded ISO 9001: 2015 Certification. The college is accredited by NBA, NAAC with 'A' Grade. The college offers 6 UG and 6 P.G Programmes. The college maintains high standard of education by providing a wide array of world class academic facilities employing highly qualified and experienced faculty members and creating an ambience conducive for providing quality education.

## ABOUT CONFERENCE

Civil engineering is undergoing rapid changes driven by globalization, growing environmental, safety and security concerns, population demands and by scientific advances in fields such as biotechnology, materials science, nanotechnology, and many more. Obviously, such changes demand civil engineers acquire more knowledge than in the past. In this context, the Department of Civil Engineering at S.A. Engineering College is organizing National Conference on "Emerging Trends in Civil Engineering" on 26<sup>th</sup> March 2019. The aim of this conference is to bring together the national leading academicians, researchers and engineers, both theoreticians and experimentalists, and to present their original research work of very high quality in different areas of civil engineering.

## CONFERENCE TOPICS (But not Limited to)

- Analysis of Semi-rigid Connections;
- Applied Computer Vision for Civil and Environmental Engineering;
- Building Design, Construction, and Operation
- Civil Engineering, Management and Surveying
- Construction Automation and Robotics

- Coastal Engineering
- Dam Engineering
- Disaster Preparedness, Response and Recovery Dynamics
- Design of Earthquake Resistant Structures
- Environmental Engineering, Modeling and Protection
- Green Building Materials
- Geotechnical Analysis and Design
- Harbor Engineering
- Infrastructure Life-cycle Management
- Modeling of Concrete Durability
- Monitoring and Maintenance of Infrastructure
- Numerical Modeling in Geotechnics
- Offshore Structures
- Project Management and Quality Assessment
- Remote Sensing and GIS Applications in Civil Engineering
- Sustainable design and construction standards
- Soil-Structure Interaction (static and dynamic)
- Structural Health Monitoring Technologies
- Structural Optimization and Sensitivity Analysis
- Sustainable Urban Environments
- Transport and Highways Engineering and Safety
- Urban Engineering
- Water Resources Engineering

## PARTICIPANTS

The teachers of academic Institutions, Officials of Government Departments, Institutions and Research and Development Organizations are eligible for participation in the programme.

## REGISTRATION

Participants are requested to submit their application sponsored by the college along with a bank demand draft drawn in favor of M/s. Association of Civil Engineering, SAEC, payable at Chennai.

- Industry person/ Faculty : Rs. 500/-
- Students/Research Scholar : Rs. 300/-

## KEY DATES

- Last date for abstract submission : March 12, 2019
- Last date for paper submission : March 19, 2019

## REGISTRATION FORM

(Use photocopy if necessary)

- Name :
- Designation :
- Organization :
- Address for communication :  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Phone No. :
- E-mail ID :

Place :

Date : Signature of Applicant

## SPONSORSHIP

Mr./Mrs./Dr. \_\_\_\_\_

is an employee of our institute and his / her application is hereby sponsored. The applicant will be permitted to attend the above conference if selected.

Date :

Place :

Signature of Sponsoring Authority

Office Seal :

