



**REC™ RANGANATHAN  
ENGINEERING COLLEGE**



Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
REC Kalvi Nagar, Thondamuthur, Coimbatore - 641 109 Tel : +91 422 2619100, 105  
Email : rec.cbe@gmail.com Web : www.rec.cbe.ac.in

**Chief Patron**

**Dr. P. Tamilarasi Murugeson, Ph.D.,**  
Chairperson  
Ranganathan Engineering College, Coimbatore

**Dr. R. Murugesan, Ph.D.,**  
Principal,  
Ranganathan Engineering College, Coimbatore

**Patron**

**Dr. P. Sivakumar, Ph.D.,**  
Chief Executive officer,  
Ranganathan Education Institute, Coimbatore

**Convenor**

**Mr. A. Arun Solomon, M.Tech, (Ph.D.),**  
HoD, Department of Civil Engineering  
Ranganathan Engineering College, Coimbatore

**ORGANIZING COMMITTEE**

**Mr. N. Nagarajan,** Assistant Professor, Department of Civil Engineering  
**Mr. G. Noushad,** Assistant Professor, Department of Civil Engineering  
**Mr. V. Varun Kumar,** Assistant Professor, Department of Civil Engineering  
**Mr. D. Raja,** Assistant Professor, Department of Civil Engineering  
**Mr. J. Ajith,** Assistant Professor, Department of Civil Engineering  
**Mr. A. Aielstein Rozario,** Assistant Professor, Department of Civil Engineering  
**Mr. A. Navaneetha Krishnan,** Assistant Professor, Department of Civil Engineering  
**Mr. K. Kalirajan,** Assistant Professor, Department of Civil Engineering

**ADDRESS FOR COMMUNICATION**

**The Convenor, NC-ETSE'15,**  
**Department of Civil Engineering,**  
Ranganathan Engineering College, Coimbatore- 641 109. TamilNadu, India  
Mobile No.: +91-89038 42670, E-Mail ID : ncetse15@gmail.com

**Further Details :** [www.ncetse15.weebly.com](http://www.ncetse15.weebly.com) | [www.reccbe.ac.in](http://www.reccbe.ac.in)



**FIRST NATIONAL CONFERENCE  
ON EMERGING  
TRENDS IN STRUCTURAL ENGINEERING**

**NC-ETSE'15**

**27<sup>th</sup> March 2015**



**Organized by**

**DEPARTMENT OF CIVIL ENGINEERING**

## About the Department

Department of civil engineering was established during the academic year 2008 with the intake of 60 students. Our department consists of 14 experienced faculty members and we have an impeccable internal infrastructure and lab facilities. Under the guidance of Dr.R.Murugeson, Principal Ranganathan Engineering College, Student Mentoring Program has been commenced during the academic year 2012-2013. It is a unique program organized by department of civil engineering and it provides various industrial exposures to students. Presently two month internship program organized to all the final year civil engineering students with the aim of providing practical experience and to do the innovative project. We have also joined hands with Association of Consulting Civil Engineers (I), Builders Association of India, Coimbatore chapter, Grace Technologies(UK) for betterment of civil students.

## About the conference

National Conference on Emerging Trends in Structural Engineering will be held at Ranganathan Engineering College, Coimbatore, Tamil Nadu. The aim of the Conference is to provide a platform for Researchers, Engineers, Academicians and Industrial Professionals to present their recent research work and to explore future trends in various areas of Structural Engineering.

We hope this conference can serve as a better platform for further development to understand the concept of structures in civil engineering and its relevant areas.

## Call for papers

The Research papers related to the themes mentioned below and related with Structural Engineering are invited from the faculties of Engineering colleges and polytechnics, working engineers, scientists, research scholars, PG students and NGO's working in related areas.

## CONFERENCE THEMES

1. Structural Engineering including Steel, Bridge, Composite, Reinforced Concrete and Masonry Structures
2. Green Building
3. Prestressed Concrete
4. New Technology in Concrete
5. Earthquake Resistant Construction
6. Space, Tension and Shell Structures
7. Smart material and structure
8. Construction Management
9. Building Information Modeling
10. Precast Structures
11. Finite Element Analysis
12. Computer Applications in Structural Engineering
13. Composite Construction
14. Professional Issues in structural Engineering
15. Soil-Structure Interaction (static and dynamic)
16. Buckling and Stability
17. Linear and Non-linear Dynamics
18. Analysis of Semi-rigid Connections
19. CAD (including steel, concrete, masonry and composite)
20. Slope Design
21. Offshore Structures
22. Strengthening of Structures
23. Assessment of Structures
24. Timber Structures
25. Structural Damage Detection and Identification
26. Multi-Hazard Risk Assessment
27. New advances in Structural Health Monitoring Technologies
28. Project Management and Management Systems

## CONFERENCE SUB THEMES

Any other recent and emerging techniques in structural engineering

## GUIDELINES FOR SUBMISSION OF PAPER

Submit your full paper through easychair link

(<https://easychair.org/conferences/?conf=ncetse15>) with the following specifications,

Text	: 12 Point
Font	: Times New Roman
Title	: 14 Point bold capital
Affiliation	: 11 Point Italics
Abstract	: 200-300 Words
Top / Bottom / Left / Right Margin	: 25 mm

Maximum number of pages is 12 (A4 Size Papers) The paper must include name, full contact address and email of the corresponding authors.

## TECHNICAL COMMITTEE

**Dr. A.R.Santha Kumar**, IIT Chennai

**Dr. S.P.Dasdupa**, IIT Kharagpur

**Dr. B.Bhattacharjee**, IIT Delhi

**Dr. G.Hemalatha**, KU,Coimbatore

**Dr. R.Senthil**, AU, Chennai

**Dr. Arup Kumar Sarma**, IIT, Guwahati

**Dr. Sudhir Kumar Barai**, IISc,Bangalore

**Dr. V.Rajendran**, Hi-Tech Concrete Solution, Chennai

**Dr. R.Kandasamy**, BPC, Kancheepuram

**Dr. K. Sababathy**, CIICP-HRD,Chennai

**Dr. C. Umarani**, AU,Chennai

**Dr. E.B. Perumal Pillai**, RMK, Tiruvallur

**Dr. V.G. Srisanthi**, CIT, Coimbatore

**Dr. P. Livingston Peter Goldwyn**, KTVR,Coimbatore

## REGISTRATION

Industrial Delegates	: ₹ 1200
Academician	: ₹ 1000
Research Scholar/ P.G.Student	: ₹ 750
Listeners	: ₹ 400

Maximum Two authors per paper. Registration fee is payable by Demand Draft in favour of "Ranganathan Engineering College" Payable at Coimbatore. The DD along with the registration form should reach the Conference Chair.

## JOURNAL PUBLICATIONS

Selected best research papers will be published in one of the following journals

- Journal of Materials and Engineering Structures (ISSN 2170-127X)
- International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)(ISSN 2397-3785)

## KEY NOTE SPEAKERS

**Dr. S. Justin M.E., Ph.D.,**  
Chief Engg. Manager (Civil),L&T  
EDRC – CB&A (H&L), B&F IC, CHENNAI.

**Dr. T. Senthil Vadivel, Ph.D.,**  
Professor & Head,  
Department of Civil Engineering,  
Dr. NGP Institute of Technology, Coimbatore.

## IMPORTANT DATES

Full Paper Submission Dead Line	: 07.03.15
Acceptance Notification	: 12.03.15
Camera ready submission with Registration form	: 18.03.15
Conference	: 27.03.15 at 9.30 AM
Spot Registration for Listeners	: 27.03.15 at 9.00 AM