

IMPORTANT DATES

Last date for submission of abstract : 28.02.2015
Intimation of abstract selection : 10.03.2015
Last date for submission of full paper : 20.03.2015
Late date for registration : 25.03.2015

ADDRESS FOR COMMUNICATION

The Convener - **LACE 2015**
Department of Civil Engineering
R.M.K.Engineering College
R.S.M Nagar, Kavaraipettai - 601 206
Phone : 044 - 3330 3330
Direct line : 044 - 3330 3220
Email : conference.civil@rmkec.ac.in
Website : www.rmkec.ac.in

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Dr. Manusanthanam, Professor of CE, IIT Madras is releasing conference proceedings in LACE 2014



Our Principal Dr. Elwin Chandra Monie is receiving "Construction Industry Awards 2014" for the Excellence in Civil Engineering Education.



R.M.K ENGINEERING COLLEGE

R.S.M NAGAR,
KAVARAIPETTAI - 601 206.



Department of Civil Engineering

Presents



ISTE Sponsored

Fifth National Conference on

**LATEST ADVANCEMENTS IN
CIVIL ENGINEERING - LACE 2015**

(Focus on Energy and Infrastructure)

20th April 2015

Conveners

Dr. Binu Sukumar
Dr. M. Usha Rani

Co-ordinators

Mr. S. Sudhakar
Mr. P. Anandharuban
Ms. M. Indhumathi

in association with



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ABOUT THE COLLEGE

R.M.K. Engineering College (RMKEC), located at Kavaraipettai, was established in the year 1995 with the objective to provide quality in Technical Education by offering research and training facilities in various branches of science and technology at UG and PG levels, to inculcate a sense of discipline among the youth to mould them into competent and talented engineers. The college is a recipient of the National Award - "Bharatiya Vidya Bhawan" for having the overall performance among various engineering colleges in the year 2008 by ISTE. The college has been awarded the "Clean and Green Campus" by the Rotary Club of Chennapatna for neat, green and beautiful campus providing an excellent ambience for learning. The College has been awarded "Construction Industry Awards 2014" for the Excellence in Civil Engineering Education. The college has been ranked among India's top 100 Engineering College by Silicon India and Outlook. RMKEC has been ranked among top 20 Engineering College by AICTE-CII. Career 360 has given AAA status to our college among 1000 best Engineering College in India.

ABOUT THE DEPARTMENT

The department was started in the academic year 2006-2007 with a vision to enrich the knowledge of students in both theory and practice with a team of highly qualified faculty with rich experience in the diversified streams of Civil Engineering. The department is equipped with state of the art laboratory facilities having advanced equipments and machineries operated by experienced technicians. Since its inception, the department is showing consistent growth in academics and placements. The department is carrying out consultancy works in the areas such as Testing on all the construction materials, Soil investigation, Water quality testing and mix design etc...

ABOUT THE CONFERENCE

The aim of the conference is to enlighten the technical issues in recent trends, advances and upcoming challenges in various fields of Civil Engineering.

OBJECTIVES

- ✧ To debate and deliberate on the theme of the conference
- ✧ To Identify and adopt sustainable technologies for energy saving in infrastructure development
- ✧ To create a forum for research scholars, faculty members, students and practicing engineers to share their knowledge, experiences, innovations and inventions in the field of Civil Engineering
- ✧ To promote the social responsibilities of Civil Engineers towards fulfilling the requirements of the Society.

CONFERENCE TOPICS

Energy and Infrastructure

- ✧ Green Building / Zero energy building
- ✧ High performance buildings - energy savings in building
- ✧ Renewable energy systems in smart cities and communities
- ✧ Emerging energy sources in infrastructure development

Structural Engineering/Construction Management

- ✧ Finite Element Modeling and Analysis
- ✧ Rehabilitation and Retrofitting of structures
- ✧ Earthquake Resistant Structures
- ✧ Smart Structures, Materials and Prefabricated structures
- ✧ Development of advanced and alternate construction materials and technology
- ✧ Construction Planning and Management
- ✧ Composite and Nano materials

Geotechnical/ Transportation/ Remote sensing and GIS

- ✧ Environmental Geotechnics
- ✧ Ground Improvement and geosynthetics
- ✧ Earthquake & Geotechnical Engineering
- ✧ Soil Structure Interaction
- ✧ Intelligent transport & pavement management system
- ✧ Computer application in Traffic Engineering
- ✧ Applications of Remote Sensing, GIS and GPS
- ✧ Remote sensing for Disaster monitoring, mitigation and assessment

Environmental/ Water Resources/ Ocean Engineering

- ✧ Surface water and Ground water Modeling
- ✧ Water resources planning and management
- ✧ Solid and hazardous waste management
- ✧ Environmental pollution monitoring and management
- ✧ Innovative techniques in Waste Water Treatment
- ✧ Coastal and Offshore Structures

ELIGIBILITY

Faculty from AICTE recognized Institutions, research Scholars, research personnel from academic/ industries, design and construction Engineers from Government, Public and Private organizations and students pursuing post graduation.

REGISTRATION FEE

- ✧ Participants from Industries & Institutions : Rs.1000/-
- ✧ Students Participants : Rs.500/-
- ✧ Fee should be sent by demand draft in favour of "The Principal", R.M.K.Engineering college, payable at Chennai.

CALL FOR PAPERS

- ✧ Authors are requested to submit the full length paper in IEEE format.
- ✧ Selected paper will be published in conference proceedings (ISBN: 978-81-920889-5-2) and best papers may be considered for publication in R.S.M International Journal.

Papers submitted to : conference.civil@rmkec.ac.in

Fifth National Conference on LATEST ADVANCEMENTS IN CIVIL ENGINEERING - LACE 2015 (Focus on Energy and Infrastructure)

20th April 2015

REGISTRATION FORM

1. Name :
2. Designation :
3. Participation Category :
Student/ Research Scholar/ Faculty/ Practicing Engineer
4. Name of the Institute with Postal Address
5. E-mail ID :
6. Mobile No. :
7. Educational Qualification :
8. Title of Paper :
9. Co-Author (if any) :
10. Registration Fee :
11. Demand Draft No. & Date :

Declaration

I agree to abide by the rules and regulations of the Conference

Place :

Date :

Signature of Applicant

Signature of the Sponsoring Authority
(If applicable)