

## ABOUT THE COLLEGE

R.M.K. Engineering College, located at Kavaraipettai, was established in 1995 with the objective to provide quality in technical education by offering research and training facilities in various branches of science and technology at undergraduate and post-graduate level, to inculcate a sense of discipline among the youth to mould them into competent and talented engineers.

The College is a recipient of “Bharatiya Vidya Bhawan” national award for Engineering College having best overall performance for the year 2008 by Indian society for technical Education. The College has been awarded the ‘Clean and Green Campus’ by the Rotary Club of Chennapatna for the very clean, green and beautiful campus providing an excellent ambience for learning.

## ABOUT THE DEPARTMENT

The department was started in the academic year 2006-07 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 of Civil Engineering is equipped with state-of-the-art laboratory facilities having advanced equipments and machineries operated by experienced technicians.

## ABOUT THE CONFERENCE

Our world is rapidly changing, presenting new challenges in globalization, local and national economies, and the sustainability of our planet. In this dynamic environment, the public depends on the expertise and creative thinking of civil engineers to design, build, operate and maintain the world’s public infrastructures, sustaining and improving the lives of people everywhere. The Conference is to share knowledge, set the stage for multidisciplinary collaboration, develop game-changing ideas, and be a leader in Innovating a Dynamic Future.

Civil infrastructure not only provides the world’s population with the means to have access to food, clothing and shelter, it is also a key component in the functioning of our global economy. Properly planned, designed, engineered, built, operated and maintained, civil infrastructure can simultaneously contribute to the sustainability of our planet and improve the quality of life.

This Conference focuses in introducing the upcoming challenges in various fields of Civil Engineering.

## TOPICS TO BE DISCUSSED

- ❖ Nanotechnology in Civil Engineering.
- ❖ Application of Remote sensing , GIS in Civil engineering
- ❖ NDT methods applied to reliability assessment of structures.
- ❖ Dynamic behavior of soils, foundations and other geotechnical structures.
- ❖ Green Building concept.
- ❖ Intelligent Transport System.
- ❖ Environmental Impact assessment.
- ❖ Solid waste management.
- ❖ Development and management of water resources
- ❖ Construction planning and management.
- ❖ Smart materials and structures.
- ❖ E-waste management.
- ❖ Advanced Construction materials

## ELIGIBILITY

Faculty from AICTE recognized Institution, Practicing and Consulting Engineers from Industries and students pursuing post graduation are eligible to apply.

## REGISTRATION FEE

- ❖ Participants from Industries and Academics : Rs.1500/-
  - ❖ Student participants : Rs.1000/-
- Fee should be sent by demand draft in favour of “The Principal”, R.M.K Engineering College, payable at Chennai.

## CALL FOR PAPERS

Original contributions from on- going research and unpublished research work are expected from the authors. Authors are requested to submit the full length research paper in IEEE format. Selected papers 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. (ISSN:0974-9535)

Papers can be submitted: [conference.civil@rmkec.ac.in](mailto:conference.civil@rmkec.ac.in)

## REGISTRATION FORM

Second National Conference on  
LATEST ADVANCEMENTS IN  
CIVIL ENGINEERING  
LACE-2012

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Title of paper:

Co-authors (if any):

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Date:

### SPONSORSHIP

*Mr./Ms/Dr\_\_\_\_\_*  
*of our institution is sponsored to attend the Conference.*

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## IMPORTANT DATES

Last date for submission of abstract : 12.03.12  
Intimation of abstract selection : 15.03.12  
Last date of submission of full length paper : 27.03.12  
Last date for registration : 10.04.12

## Address for communication

The Convener –LACE 2012  
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# ISTE Sponsored Second National Conference

On

“Latest Advancements in  
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21<sup>st</sup> April 2012



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