

**National Conference**  
**On**  
**Trends in Electronics, Instrumentation, Embedded System and Automation**

**27<sup>th</sup> March 2010**  
**Saturday**



Organized by

**Department of Electronics And Instrumentation**  
**Karunya School of Electrical Sciences**  
**Karunya University**  
**Karunya Nagar,**  
**Coimbatore 641114**

**Advisory Committee**

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Chancellor, Karunya University.

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**Mr. Niranjana D Khambete**  
Shree Chitra Medical Institute, Trivandrum.

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**Chairman : Dr. Paul P. Appasamy**  
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**Convenor : Prof. K. Rajasekeran**  
Head, Dept of EIE, Karunya University.

**Co-Convenor : Dr. P. Poongodi**  
Prof., Dept. of EIE, Karunya University.

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**REGISTRATION FORM**

- 1.Name: .....
- 2.Designation:.....
3. Address:.....  
.....  
.....
4. Registration details
- I would be attending the conference
- I would present a paper and attend the conference (demand draft may be drawn in favor of "The Registrar, Karunya University" payable at Coimbatore.
- Amount.....DD.No.....
- Date.....Bank: .....
5. Title of the paper (if presenting a paper)  
.....  
.....  
.....
1. Phone:.....Mobile: .....
2. FAX:.....EmailID: .....
3. Signature:

## THE VENUE

Karunya University, formerly Karunya Institute of Technology and Sciences (KITS) was established in 1986 by the founders Dr. D.G.S. Dhinakaran and Dr. Paul Dinakaran. Making rapid progress ever since, the institute has now grown into a university winning recognitions and awards on its way: Best Engineering college in Tamilnadu(1996), first-ever autonomous self-financing college(2000), Deemed University (2004) and University (September 2006). The institution has well qualified and dedicated faculty and over 7000 students. UG, PG, and PhD programs are offered in the fields of Engineering, Technology and Management. The University has been awarded 'A' grade by NAAC.

The quality facilities on the 700-acre campus a fully air-conditioned library that stocks 55000 books and subscribes to 275 hard copy journals besides thousands of electronic journals. There is a fiber-optic LAN serving around 2200 computers on campus and 24-Mbps internet connectivity.

## HOW TO REACH VENUE

Details available in our website. [www.karunya.edu](http://www.karunya.edu)

## SPONSORS

This conference is expected to be sponsored by TNSCST / DST.

## INVITATION

Academics, researchers, and industry professionals are invited to participate in the conference.

## CALL FOR PAPERS

Papers reporting original research results in the areas of Electrical, Mechanical, Electromechanical, Digital, VLSI and Embedded System Design and implementation are invited.

The solicited major themes of this conference are contributions devoted to the evaluation, optimization or enhancement of system design

Papers must represent high-quality and previously unpublished innovative work.

The major topics of the conference include but are not limited to:

### 1. Lab VIEW-Based Simulation, Design And Automation Of Electrical, Mechanical Systems And Chemical Processes

- Power Systems Control
- Signal Processing
- Active Damping And Vibration Control
- Robotics And Mechatronics
- CAD/CAM/CAT/CIM

### 2. VLSI And Embedded System Based Instrumentation System Protocol And Telemetry

- Embedded Control Systems
- Computer Networks
- Evolutionary Computing
- Internet-Based Control
- Fault Diagnosis

### 3. Innovative Design And Simulation Of Mems And Nano-Technology Applications

- Sensors And Actuators
- Development Of Nano Material/Sensors
- Smart Materials And Applications
- Commercial MEMS Products

### 4. Simulation, Design And Development Of Aerospace Systems, Guidance And Control

- Multivariable Control
- Nonlinear Control
- System Identification
- Neuro-fuzzy Control
- System Optimization Estimation And Control

### 5. Biomedical Engineering, Electronics And Instrumentation

- Medical imaging/Signal processing
- Bio-telemetry
- Biomaterials
- Clinical Lab Instrumentation

## SUBMISSION

The length of the submissions is restricted to 7-8 pages. The first page of your submission should include the paper title, author name(s) and affiliation, address, email, keywords, and abstract.

Authors are encouraged to follow the IEEE format and send it to [eie\\_con@karunya.edu](mailto:eie_con@karunya.edu).

## IMPORTANT DATES

Submission of paper : 27<sup>th</sup> February 2010  
Intimation of acceptance : 10<sup>th</sup> March 2010  
Deadline for registration : 16<sup>th</sup> March 2010  
Early bird registration extended : 27<sup>th</sup> February 2010

## REGISTRATION FEE

### Participants from industry / R&D organizations:

Registration after 27<sup>th</sup> February 2010: Rs 1500/-  
Early bird registration before 27<sup>th</sup> February 2010: Rs 1000/-

### Participants from academic institutions-Faculty and Research Scholars

Registration after 27<sup>th</sup> February 2010 : Rs 1000/-  
Early bird registration before 27<sup>th</sup> February 2010: Rs 750/-

## ACCOMMODATION

Limited accommodation is available in University hostels at a nominal fee. Hotel rooms in city will be arranged on request.

## For further information please contact:

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