

About Erode Sengunthar Engineering College

Erode Sengunthar Engineering College approved by AICTE and affiliated to Anna University was established in the year 1996 for the upliftment of urban and rural youth by the philanthropic visionaries of Erode Sengunthar Educational Trust. The college offers Seven UG programmes in Engineering and four P.G. Programmes in M.E. (Manufacturing Engineering), MCA, M.Sc. (Software Engg.) and MBA. The College has sound infrastructure, complete and full-fledged, in all aspects. The college has been awarded ISO 9001:2008 Certification for excellence in Quality education by the British Standards Institution. The college is very near the 'Tex cities' Coimbatore and Erode which are well-connected by trains. The college is well-connected by bus routes from Erode (25km), Coimbatore (80 km) and Salem (80 km). The nearest Airport is at Coimbatore.

About Electronics and Instrumentation Engineering Department:

The Department of Electronics and Instrumentation Engineering was started in 2001. It provides full-time B.E. Degree course in Electronics and Instrumentation Engineering. This field of Engineering inculcates the knowledge in the areas of Electronics, Instrumentation, Control System, Process Control, VLSI Design, Robotics and Automation, PLC, DCS and SCADA, Embedded Systems, Microprocessors, Microcontrollers and Biomedical Instrumentation. The Department has all facilities with well-equipped laboratories, and department library. The department has been accredited by NBA. Our faculty are well qualified and are in constant pursuit of learning recent developments. The Department has signed MoU with leading Industries.

FOCUS

Electronics and Instrumentation Engineering plays a significant role in the modern industrial world that seeks continuous improvement in its performance leading to the development of new concepts and approaches. This National Conference on Innovations in Instrumentation and Intelligent Technologies (**IIIT 2010**) provides a forum for researchers as well as engineers in both academics and industry to exchange their original ideas on Electronics and Instrumentation applications and concepts, experiences, current developments and future prospects. .

IIIT 2010 will feature the presentation of contributed & invited papers presentation sessions. Eminent speakers from academic institutions and industries will deliver thematic lectures.

TOPICS

Papers are invited from any branch of engineering and technology, related to the topics listed below (but not confined to):

- Adaptive Control
- Aerospace Instrumentation
- Artificial Intelligence & Expert System
- Biomedical Instrumentation
- Data Communication and Networks
- Embedded Systems
- MEMS and Nano Technology
- Neural Network and Fuzzy Logic
- Optimization Techniques
- PLC, DCS, SCADA
- Process Control and Automation
- Signal and Image Processing
- Smart Sensors
- Virtual Instrumentation
- VLSI Design

REGISTRATION FEE

Delegates from Academic Institutions and Industries : **Rs. 750.00**
P.G. Scholars : **Rs. 500.00**
DD should be drawn in favour of "**The Principal, Erode Sengunthar Engineering College**" payable at **Perundurai**. The registration fee covers the Conference proceedings (in CD form), refreshments and lunch on the day of the Conference.

IMPORTANT DATES

1. Submission of Abstract : **15.02.2010**
 2. Intimation of acceptance of Abstract : **22.02.2010**
 3. Submission of full paper with registration fee : **01.03.2010**
- Minimum of one author has to register for presenting the accepted paper.

ACCOMMODATION

- Limited accommodation would be made available on the college campus at students' hostel (free of cost).
- Advance booking for hotel accommodation (at Erode) will be made on prior request with advance payment (tariff ranges between Rs. 500 and Rs. 1000 per day).

ADDRESS FOR COMMUNICATION

The Convener,
IIIT - 2010,
Department of Electronics and Instrumentation Engineering,
Erode Sengunthar Engineering College,
Thudupathi, Erode - 638 057,
Tamilnadu.
Tel : 04294 - 232701, 232702.
Mobile : 9965396664, 9486134828, 9095322233.
Website: www.erode-sengunthar.ac.in
Email : eseceie@gmail.com
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ORGANISING COMMITTEE

- Chief Patron : Thiru. J. Sudhanandhen,
Correspondent
- Patron : Dr.T.Shanmugam, Adviser
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Mr. D. Yuvaraj
Mr. A. Arunraja

PAPER SUBMISSION

Original and unpublished papers are invited for presentation. The authors are requested to submit an abstract not exceeding one page. It shall carry the name and address of the author(s) with their affiliation (including phone number and e-mail id). The abstract can also be sent through e-mail. The paper should be in the IEEE format.

FOCUS GROUP

Academicians from Engineering colleges, Universities, Research institutions, students, professionals from industries in the Electronics & Instrumentation and related fields will find this conference efficacious.

TECHNICAL SESSIONS AND INVITED TALKS

There will be invited lectures from eminent persons prior to the presentation of papers in each session.

ADVISORY COMMITTEE

- **Dr.J.Nagaraju**, Professor and Head, Department of Instrumentation Engineering, IISc., Bangaluru.
- **Dr.M.Ezhilarasi**, Principal (i/c), KGISL Institute of Technology, Coimbatore.
- **Dr.P.A.Balakrishnan**, Dean, Department of Electrical and Electronics Engineering, Kumaraguru College of Technology, Coimbatore.
- **Dr.Jovitha Jerome**, Professor and Head, Department of Instrumentation and Control System Engineering, PSG College of Technology, Coimbatore.
- **Dr.K.L.Porkumaran**, Professor and Head, Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore.
- **Dr.K.R.Valluvan**, Professor and Head, Department of Electronics and Instrumentation Engineering, Kongu Engineering College, Perundurai, Erode.
- **Dr.A.Senthilkumar**, Professor and Head, Department of Electrical and Electronics Engineering, Kongu Engineering College, Perundurai, Erode.
- **Dr.N.Sivakumaran**, Asst. Professor, Department of Instrumentation and Control Engineering, NIT, Trichy.
- **Dr.G.Kulanthaivel**, Asst. Professor, Department of Electronics and Communication Engineering, NITTTR, Chennai.
- **Dr.S.N.Deepa**, Asst. Professor, Department of Electrical and Electronics Engineering, Anna University, Coimbatore.
- **Dr.T.Vigneshwaran**, Asst.Professor, Department of Electronics and Communication Engineering, SRM University, Chennai.
- **Mr.Prince Charles**, Engineer (Instrumentation), Hyundai.
- **Mr.D.Satheeshkumar**, Engineer (Control and Instrumentation), R.K.PowerGen Pvt. Ltd., Hiriyyur, Karnataka.
- **Mr. Abhisek Shankanarayan**, Senoir Application Engineer, North America Preorder Emerson Process Management Fisher Engg. Center, Chennai.

National Conference

on

INNOVATIONS IN INSTRUMENTATION AND
INTELLIGENT TECHNOLOGIES

IIIT-2010

March 13, 2010

CALL FOR PAPERS

Organised by

The Department of Electronics and
Instrumentation Engineering



ERODE SENGUNTHAR
ENGINEERING COLLEGE

THUDUPATHI, ERODE - 638 057
TAMILNADU.