

## Organizing Institution

The Karpagam Charity Trust was promoted by Dr. R. Vasanthakumar, Chairman and Managing Trustee in 1989, with a Vision to serve and lead the society by imparting quality based education as the Mission. Karpagam College of Engineering was established in the year 2000, an Autonomous institution approved by AICTE and affiliated to Anna University, Chennai. Karpagam College of Engineering offers 9 UG courses and 5 PG courses. In addition to the greatest mile stone, currently institute got NAAC Accreditation with "A" grade. The college has also signed MOU's with reputed industries and institution to enable students to be trained to enhance practical knowledge and develop latest technical laboratories in institution.

## About the Department

The Department of EIE was started in 2008, has qualified faculty members, well-equipped laboratories such as Transducers and Measurement Lab, Control Systems Lab, Process Control Lab, Virtual Instrumentation Lab, PLC Lab, Industrial Instrumentation Lab, Electronics Circuits Lab and latest software packages. The main objective of the department is to produce talented and zealous Electronics and Instrumentation Engineers to satisfy the industrial needs. The department fosters a range of research workshops seminars and conference drawing on the collective intellectual energy of our faculty and students.

## About the Conference

The National Conference titled "Emerging Trends in Electronics, Instrumentation, Automation and Control" (ETEIAC) for 8<sup>th</sup> consecutive year on 22<sup>nd</sup> March 2019.

ETEIAC'12 was organized by our department for the first time and with an overwhelming response, we received more than 500 papers out of which 120 papers were selected for presentation.

After the completion of ETEIAC'12 we organized ETEIAC'13, ETEIAC'14, ETEIAC'15, ETEIAC'16, ETEIAC'17 and ETEIAC'18 successfully.

This conference ETEIAC'19 will serve as a platform for fruitful interaction among research scholars, scientists, academicians and members from the industries.

## Conference Topics

The conference topics include but not limited to the following:

- Virtual Instrumentation
- Robotics and Automation
- Control Systems
- Process Control and Instrumentation
- Sliding Mode Control
- Bio-Medical Instrumentation
- Embedded Systems
- VLSI Design
- Power Electronics
- Power Systems
- Industrial Automation
- Renewable Energy Sources
- Soft Computing based Controllers
- Image Processing
- Neural Network and Fuzzy Logic
- Optimization Controller etc.,

## Call for Papers

One copy of full paper not exceeding 6 pages as per IEEE template on any of the conference topics can be sent through e-mail: [eteiac19@gmail.com](mailto:eteiac19@gmail.com). Two hard copies along with the copyright form and registration fee can be sent to the coordinators after acceptance. The selected papers will be published in the proceedings of the conference.

The selected papers from this conference shall be considered for publication in **SCOPUS INDEXED JOURNALS** with the author consent.



## 8<sup>th</sup> National Conference on EMERGING TRENDS IN ELECTRONICS, INSTRUMENTATION, AUTOMATION AND CONTROL (ETEIAC'19)

22<sup>nd</sup> March 2019

*Convener*

**Dr. S. Manoharan,**  
Professor and Head/ EIE

*Coordinators*

**Dr.E.Govinda Kumar, AP/EIE**

**Mr.N.Gowthaman, AP/EIE**

*Organized by*

**Department of Electronics and  
Instrumentation Engineering**

**Technical Partners**



## Chief Patron

**Dr. R. Vasanthakumar**

Chairman and Managing Trustee,  
Karpagam Charity Trust.

## Patron

**Shri. K. Murugaiah**

CEO, Karpagam Institutions.

## Chairman

**Dr. P.Vijayakumar**

Principal, Karpagam College of Engineering.

## Convener

**Dr. S. Manoharan,**

Professor and Head/ EIE.

## Members

All faculty members in Department of Electronics and Instrumentation Engineering.

## Advisory Committee

**1. Dr. N. Subramanyam**

National Institute of Technology, Warangal

**2. Dr. I. Thirunavukkarasu**

Manipal University, Karnataka

**3. Dr. N. Devarajan**

Sri Ramakrishna Institute of Technology, Coimbatore

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IIT, Roorkee

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NSS College of Engineering, Kerala

**9. Dr. C. Christopher Asir Rajan**

Pondicherry Engineering College, Pondicherry

**10. Mr. KP. Milton**

DGM, Instrumentation Limited, Kerala

**11. Dr. Jacob Chandapillai**

Director, Fluid Control Research Institute, Kerala

## Registration Fee

### Industrial Delegates /

**Academicians/ Researchers : Rs.1200/-**

**UG/PG Students : Rs.1000/-**

The Registration fee is to be paid by DD drawn in favor of **"KARPAGAM COLLEGE OF ENGINEERING, COIMBATORE"**, Payable at **Coimbatore** and send the same to the coordinators along with the registration form. Registration fee includes conference kit, Refreshments and Lunch. Accommodation is not included in registration fee.

### Location of the College

Coimbatore city is well connected by road, rail and air to all the major cities in India. The host institution is located in Coimbatore - Pollachi highway, about 15 kms from the city.

### Address for Correspondence

The Coordinators **(ETEIAC'19)**,

Department of EIE,

Karpagam College of Engineering,

Othakkalmandapam, Coimbatore-641 032.

### Contact Numbers

**Dr. E. Govinda Kumar : 9042223622**

**Mr.N.Gowthaman : 9942844955**

**Email: [eteiac19@gmail.com](mailto:eteiac19@gmail.com)**

**Web: [www.kce.ac.in](http://www.kce.ac.in)**

### Dates to Remember

➤ Last Date for Paper Submission : **10<sup>th</sup> Mar 2019**

➤ Date of Intimation : **15<sup>th</sup> Mar 2019**

➤ Last Date for Registration : **19<sup>th</sup> March 2019**

➤ Conference Date : **22<sup>nd</sup> March 2019**

## 8<sup>th</sup> National Conference on EMERGING TRENDS IN ELECTRONICS, INSTRUMENTATION, AUTOMATION AND CONTROL (ETEIAC'19)

**22<sup>nd</sup> March 2019**

### REGISTRATION FORM

**(Authors are requested to register individually)**

Name (in block letters):

D.O.B :  
Gender : Male/Female  
Institution / Organization:  
(With Address)

Mailing Address :

Mobile No :  
E-mail ID :  
Paper ID :  
(Provided in intimation mail)  
Paper Title :

### Details of the Registration fee

Amount :  
DD No :  
Date :  
Bank Name :

**Accommodation required\* : Yes/No**

\* Limited Accommodation on payment basis in our hostel.

**Participant Category:** Industry Delegate / Academician  
/ Researcher/UG & PG Student

Signature of the Applicant