

AICTE Sponsored

Three Days National Seminar on

“Research perspectives and challenges in instrumentation aspects
of IoT” (IOT’17)

25th to 27th October 2017

Department of Electronics and Instrumentation Engineering

APPLICATION FORM

I Would like to participate in the Seminar

Name : _____

Designation : _____

Department : _____

Institution / Organization : _____

Address : _____

Phone / Mobile : _____

E-Mail : _____

Accommodation: Yes No

Declaration of the Candidate

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations of the programme.

Place:

Date: _____ Signature of the candidate

Sponsorship

Mr./Ms/Dr./Prof..... is an employee of our institution and hereby sponsored. He/She will be permitted to attend the programme, if selected.

Date: _____ Signature of the sponsoring authority with office seal

Organizing Committee

Chief Patron

Thiru.K.Ramasamy
Chairman

Patron

Thiru.K.R.Arunachalam
Managing Committee member

Co-Patron

Dr.Kn.K.S.K.Chockalingam
Director

Chairperson

Dr.S.Shanmugavel
Principal

Convenor

Dr.B.Sankaragomathi
Prof.& Head

Co-ordinator

Ms.M.Carmel Sobia, AP(SG)

Co-coordinator

Ms.A.Geetha, AP(SG)
Ms.J.Babitha Thangamalar, AP(SG)

Committee Conveners

Dr.D.Santhi,Asso.Prof. (SG)
Mr.Jackson Daniel, Asso.Prof.,
Dr. K.Shankar, Asso.Prof.,
Mr.V.Suresh,Asso.Prof.,

Executive Members

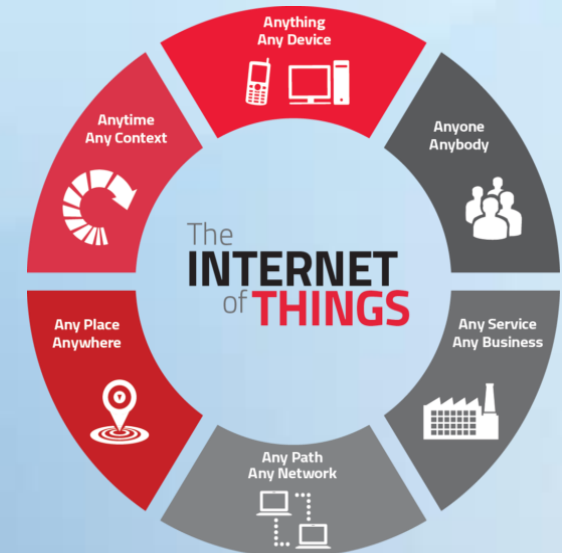
Faculty Members, Dept. of EIE



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Organized by

Department of Electronics and Instrumentation Engineering

NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution)

K.R.Nagar, Kovilpatti
Thoothukudi District,
Tamilnadu

Phone: 04632 – 222502 (Extn.:1400)

E-mail: ioteienec17@gmail.com

Website: www.nec.edu.in

ABOUT THE INSTITUTION

National Engineering College was established in the year 1984. It offers 7 UG, 6 PG and several research programmes leading to Ph.D. degrees in all departments. NEC has several centers of excellence and laboratories. The college has signed MoU with research organizations and industries in order to promote closer interaction with other institutions in the areas of technology development, students training, curriculum updation and development of state-of-art centers. The College has well-equipped laboratories for all branches of engineering and also has close interactions with the leading Industries and IT firms for students training and project works. Due to the excellent academic climate in the campus, UG and PG students of our college enjoy good campus placement prospects.

ABOUT THE DEPARTMENT

- Accredited by NBA Tier - I, New Delhi and Institute of Engineers (India), Kolkata.
- Recognized as Research Centre by Anna University Chennai.
- Supported by 17 qualified faculty members, among them 4 holds doctoral degree and 8 were pursuing Ph.D.
- Two funded research projects worth Rs.36 Lakhs from BRNS-IGCAR & ICMR were completed.
- MSME, NewGen IEDC has sanctioned Rs.10 Lakhs for two students projects.
- Memorandum of Understanding (MoU) has been signed with M/s.IELEC Systems, Tirunelveli for training.
- Students won Best Project Award in Techno Fair (District Science Centre) - 2016 and awarded through INAE and One PG project nominated for INAE award.
- Measurements and Instrumentation Laboratory was Upgraded through AICTE-MODROBS scheme in 2013-2014 for Rs.6 Lakhs. Our Department is equipped with smart class room with audio system.
- Our department alumni have proven records in the following companies IGCAR, KKNPP, Emerson, Yokogawa, Sterlite, Saipem India, Wipro etc.

SCOPE OF THE PROGRAMME

With the wide availability of Broadband Internet, the cost of connecting more devices to internet has drastically reduced. Internet of Things has thus emerged which allows literally any device to the internet. With an estimated number of over 100 billion devices connected to the internet within the next 5 years from now, we are faced with big challenges in IoT, such as reliability & security of data, network scalability, hardreal-time operations, capabilities for massive storage, analysis of huge amounts of data, design of specific protocols to meet the QoS requirements in IoT, etc. The three day seminar will consist of lectures to elucidate the fundamentals of IoT and also give an overview of some important issues of IoT in instrumentation aspects.

OBJECTIVES OF THE SEMINAR

- ✓ To address the challenges and future trends of IoTs in a wide range of applications in various domains, including ultra large sensing devices.
- ✓ Innovative and revolutionary ideas for new networking and service paradigms.
- ✓ To demonstrate novel IoT technologies and solutions from technology and industrial partners as well as universities and research institutes.
- ✓ To bring researchers and practitioners together across the nation to share their knowledge on the perspectives and business avenues in domain of IoT.
- ✓ To develop new applications for tomorrows Internet of Things.

TOPICS TO BE COVERED

- ✓ Instrumentation Aspects of IoT.
- ✓ IOT hardwares.
- ✓ Interfacing Sensors & Actuators with IoT.
- ✓ Intelligent IoT system and its communication Technologies.
- ✓ Advanced Sensing and Measurement characterization for IoT application.
- ✓ Embedded Control System using IoT.
- ✓ Innovative to Market Deployment Case Studies.

RESOURCE PERSONS

Eminent Keynote speakers R&D sectors, from Academic Institutions & Industries will be invited to deliver special Lectures

WHO SHOULD ATTEND

Faculty members from AICTE approved Engineering Colleges / Universities, PG Students, Research Scholars.

IMPORTANT DATES

Last date for Registration	:20 th October 2017
Intimation for Selection	:21 st October 2017
Confirmation by Participant	:23 rd October 2017

FEES DETAILS

Faculty members from AICTE affiliated college	: Nil
Faculty members from other universities	: Rs.800/-
Industry Delegates	: Rs.1,000/-

HOW TO APPLY

The applicants should send their application in the specified format along with DD (in favour of “**The Principal, National Engineering College**” Payable at Kovilpatti) to reach us on or before 23.10.2017.

BOARDING AND LODGING

Accommodation will be provided for the participants from other universities and Industry Delegates on the payment basis.

ADDRESS FOR COMMUNICATION

Dr.B.Sankaragomathi,
Professor & Head
Dept. of Electronics and Instrumentation Engg.,
National Engineering College,
K.R.Nagar, Kovilpatti – 628 503
Thoothukudi District,
Tamilnadu.
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