

### OBJECTIVE OF THE SEMINAR:

The main objective of this seminar is to bring together academicians and experts from different parts of the region to exchange knowledge and ideas. This will provide an in depth analysis of smart wireless sensor networks for healthcare and its research issues and update the knowledge of the participants from academic and research institutions.

### TOPICS TO BE COVERED

Technical sessions cover the following topics:

- Pervasive Healthcare Systems
- Wireless sensor networks for the healthcare system
- Wearable sensing for healthcare
- Healthcare monitoring and its decision making process
- Internet of Things in sensor networks and technology for healthcare
- Sensor network optimization in the healthcare system
- Critical applications in healthcare sensor networks
- Sensors for ambient assisted living

### EXPECTED OUTCOMES:

Upon completion of this two days seminar, the participants will be able to:

- Provide the premier forum for researchers, practitioners and educators to discuss the most recent innovations, trends and practical challenges and the solutions adopted in the field of smart health care monitoring.
- Propose a platform to enhance and build awareness about IoT for healthcare to young engineering society and inspire them for updating modernization and handling the various issues related to environmental impacts.
- Work with various sensor models and simulation languages.

### RESOURCE PERSONS

In addition to the faculty of the Institution, Resource persons from premier Educational Institutions will impart their expertise.

### ELIGIBILITY

- Faculty from Engineering Colleges and Research Scholars.
- Personnel from R&D organization and Industry are also eligible to attend the programme.

### REGISTRATION FEE

- Industrial Delegates / Academicians : Rs. 300/-
- Research Scholars/U.G./P.G Students: Rs. 200/-

Payment by DD drawn in favour of “**The Principal, National Engineering College**” payable at Kovilpatti along with the application form.

### IMPORTANT DATES

- Last date for Receipt of Application : 30.05.2018
- Intimation of Selection : 1.06.2018

### *National Engineering College*

(An Autonomous Institution Affiliated to Anna University Chennai)

*Department of Computer Science and Engineering*

*K.R.Nagar, Kovilpatti,*

*TamilNadu – 628 503*

**Institution of Engineers (India) Sponsored  
Two Days National Level Seminar**

**on**

**“Smart Wireless Sensor Networks for Healthcare  
Monitoring”**

**6.06.2018 - 7.06.2018**

### **REGISTRATION FORM**

Name :  
Qualification :  
Designation :  
Organization :  
Gender : Male / Female :  
Experience :  
Organization :  
Communication Address:

Pin:

Mobile :  
E-mail :

### **Details of Registration Fee:**

Draft No.....Dt.....Amt. Rs.....

Name of the Bank.....

Is accommodation required? : YES / NO

## DECLARATION

I declare that the details furnished are true to my knowledge

Place:  
Date:

Signature

## SPONSORSHIP CERTIFICATE

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

Place:  
Date:

Signature of the  
Sponsoring Authority with the Office Seal

## Address for Communication

**Dr.B.Paramasivan,**  
Organizing Secretary  
Two Days Seminar on “**Smart Wireless Sensor Networks for Healthcare Monitoring**” Department of Computer Science and Engineering  
National Engineering College  
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## ABOUT OUR COLLEGE

National Engineering College, the most prominent landmark of Kovilpatti, has been the crowning glory of the Matchless City of Matches. Its celebrated 'Son of the Soil' Kalvi Thanthai Thiru.K.Ramasamy transformed the entire social and cultural scenario in and around this small town by establishing the excellent educational institution popularly referred as "NEC". By wielding the magical wand of social commitment and munificence this foresighted philanthropist transformed a strip of barren land into a magnificent academic complex that has been consistently producing infallible engineers of high competence right from the day of its inception in 1984.

Our college is an autonomous Institution is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It offers 7 numbers of B.E./B.Tech degree courses and 8 PG degree courses in Engineering and Computer applications. All the UG courses have been Accredited by NBA New Delhi.

## ABOUT OUR DEPARTMENT

The department was started in the year 1984. It has stable and experienced staff members. This department is fully equipped with modern Hardware and Software accessibility to cater to the academic needs of students and staff. The entire campus is connected through OFC and sophisticated Internet facilities provided for academic and research work.

### The credentials of the Department:

- Provisional Accreditation under Tier – I by NBA, New Delhi for 3 years
- Accredited by TCS, IE(I)
- Recognized Research Centre for Anna University, Chennai.
- Sponsored Research Projects and organized advanced topics related conferences/seminars/workshops sponsored by DRDO, DST, DBT, ISRO, AICTE, CSIR, CSI & IE(I).
- Areas of research in the Department at present: Wireless Networking, ADHOC Networking, Sensor Networking, VANET, Network Security, Quantum Cryptography.
- Research publications in International and National Journals and IEEE Conferences
- Recognized CISCO Networking Academy for CCNA
- IBM Centre of Excellence
- SumTwo Incubation Center
- Pre-engineering Courses offered by University of Texas Dallas, USA



**Institution of Engineers (India)**  
**Sponsored Two days National Level**  
**Seminar on**  
**Smart Wireless Sensor Networks for**  
**Healthcare Monitoring**  
**6.06.2018 - 7.06.2018**

**Organizing Secretary**  
**Dr.B.Paramasivan**  
**Prof & Head / CSE**

**Convener**  
**Dr. V. Kavidha**  
**Associate Professor / CSE**

**Coordinators**  
**Ms.J.Naskath**  
**AP(SG) / CSE**  
**Ms.B.Shunmugapriya**  
**AP / CSE**



**Organized By**  
**Department of Computer Science and Engineering**  
Vision : To produce globally competent, innovative and socially responsible computing professionals  
**National Engineering College**  
Vision: Transforming lives through quality Education and research with human values  
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