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CSIR Sponsored

A Two-Day National level Seminar on  
**Security issues and challenges in Wireless  
Sensor Networks**

**04<sup>th</sup> and 05<sup>th</sup> October 2018**

Registration Form

(To be filled in block letters)

Name : .....

Department : .....

Gender : Male / Female

Designation : .....

Organization : .....

Address for Communication: .....

.....

.....

Phon : .....

Email id : .....

Demand Draft Details:

DD No & Date : .....

Amount : .....

Bank Name : .....

Date:

Signature

**ORGANIZING COMMITTEE**

**Chief Patron**

Dr. P. Appukutty  
Chairman, P. A. Institutions

**Patron**

Dr. Lakshmi Appukutty  
Vice Chairperson, P. A. Institutions

**Organizing Chair**

Dr. T. Manigandan  
Principal

**Convener**

Dr. D. Ganeshkumar  
Head, Department of ECE

**Co-ordinators**

Dr. L. Murali  
Associate Professor, Department of ECE

Mr. B. Saranraj  
Assistant Professor, Department of ECE

**ADDRESS FOR CORRESPONDANCE**

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A Two-Day National level Seminar on  
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Organized by

**DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION  
ENGINEERING  
Accredited by NBA**

**P. A. COLLEGE OF ENGINEERING AND  
TECHNOLOGY  
Accredited by NAAC with 'A' Grade**

(An ISO 9001-2008 Certified Institution)  
Pollachi - 642 002.

Phone : 04259 - 221386 / 87  
Fax : 04259-221386  
E-mail : pacollege@yahoo.com  
Website : www.pacolleges.org



## ABOUT THE INSTITUTION

P.A. College of Engineering and Technology (PACET) is located on the State Highway (SH-19) about 2 km from Pollachi and 42 km from Coimbatore. The College is in the reach of about 40 minutes drive from Coimbatore airport & railway station and one hour from Tiruppur. The Arul Jothi Charitable Trust promoted by Dr. P. Appukutty, Chairman and Managing Trustee, with 35 years of experience in Technical Education had established this institution in 2008, with a vision to progress and to become a center of excellence in Engineering, Technology and Management through creative and innovative practices in teaching and learning and promoting research and development to produce globally competitive and employable professionals.

This institution is approved by AICTE, affiliated to Anna University Chennai with ISO certification and accredited by NAAC with 'A' Grade. It offers five UG Programmes (B.E in CSE, ECE, EEE, Mechanical & Civil) and three PG Programmes (M.E in CSE, VLSI Design and Power Electronics & Drives). The college has strong Industry Institute Partnership Cell for placement, guest lectures and projects.

## VISION OF THE INSTITUTE

To progress to become a center of excellence in Engineering and Technology through creative and innovative practices in teaching-learning and promoting research and development to produce globally competitive and employable professionals who are psychologically strong and emotionally balanced with social perception and professional ethics.

## MISSION OF THE INSTITUTE

To offer academic programmes in the emerging areas of Engineering and Technology, provide training and research facilities and opportunities to promote student and faculty research in collaboration with Industry and Government for sustainable growth.

## ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering is accredited by NBA. The department was established in the year 2008, with its dedicated body of well qualified faculty and technical staff, is a multi-disciplinary centre of excellence in the specialization of Embedded Systems, VLSI, Communications, Signal & Image Processing, through Education and Research. The Department is well equipped with state-of-the art laboratories to provoke the students and staff community in academic and research. The department offers four year UG programme in Electronics and Communication Engineering and PG programme in VLSI Design.

## OBJECTIVE OF THE SEMINAR

This seminar seeks to provide a platform for a broad discussion among researchers from fields like security threats and issues in wireless networking. It mainly focuses on networked systems that communicate wirelessly in a spontaneous way. Providing such a platform would enhance awareness of new trends in other areas of ubiquitous networking and raise new issues or challenges that the research community should discuss during the seminar

## FACULTY

Sessions will be handled by Experts from reputed Institutions in the Networking field and Communication Industries to share their knowledge relevant to the seminar.

## CONTENTS

This seminar focuses Nanoscale Materials and Devices for future communication networks. This seminar covers,

- Wireless sensor network - overview
- Security threats and issues in WSN
- Security requirements and guiding principles for securing WSN
- Feasibility of basic security schemes in wireless networking

- Status of current WSN model security
- Issues with high level security mechanisms
- Holistic view of security for ensuring layered, robust security in WSN
- Research challenges in WSN

## ELIGIBILITY

Faculties and Students from AICTE approved Institutions and Industries with relevant background in BME/ECE/EEE/EIE/CSE and IT branches are eligible for the programme.

## IMPORTANT DATE

Last Date for Registration	: 30.09. 2018
Intimation of selection	: 01.10. 2018
Confirmation by Participants	: 03.10. 2018

## BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus. Accommodation is free.

## REGISTRATION FEE DETAILS

Students	: Rs. 250/-
Faculty / Research Scholar	: Rs. 300/-

## DD to be drawn in favour of

The Principal,  
P. A. College of Engineering and Technology,  
Pollachi - 642002

## ABOUT THE LOCATION

The college is situated at Pollachi on the State highway (SH-19) about 42 km from Coimbatore and 60 km from Tirupur. It is well connected by road and rail.