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**ORGANIZING COMMITTEE**

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A Two-Day National Level Seminar on  
**NEXT GENERATION MEDICAL  
SCANNING TO DIAGNOSE AND TREAT  
DISEASES USING SUPER  
SPECTROSCOPY**

**Chief Patron**

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

A Two-Day National Level Seminar on  
**NEXT GENERATION MEDICAL  
SCANNING TO DIAGNOSE AND  
TREAT DISEASES USING SUPER  
SPECTROSCOPY**

**Patron**

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

**Organizing Chair**

Dr. T. Manigandan  
Principal

**Convener**

Dr. D. Ganeshkumar  
Head, Department of ECE

**Co-ordinator**

Mr. M. Navaneetha Krishnan,  
Assistant Professor, Department of ECE

**ADDRESS FOR CORRESPONDANCE**

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**2<sup>nd</sup> and 3<sup>rd</sup> August 2018**

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Registration Form

Organized by

(To be filled in block letters)

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

Name : .....

Department : .....

Gender : Male / Female

Designation : .....

Organization : .....

Address for Communication: .....

.....

.....

Phone : .....

Email id : .....

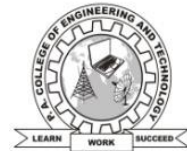
Demand Draft Details:

DD No & Date : .....

Amount : .....

Bank Name : .....

Date: Signature



**P. A. COLLEGE OF ENGINEERING AND  
TECHNOLOGY**  
(An ISO 9001-2008 Certified Institution)  
(Accredited by NAAC with 'A' Grade)  
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 six UG Programmes (B.E in CSE, ECE, EEE, BME, 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

The objective of this seminar is to bring people engaged in teaching, research, industries and education together to enhance their knowledge level in the fields of Medical Technology. This approach holds promise for towards a new MRI method with the potential to enable doctors to personalize life-saving medical treatments and allow real-time imaging to take place in operating theatres.

## CONTENTS

This seminar focuses on recent innovations in medical technology which will be the next generation medical scanning to diagnose and treat diseases using Super Spectroscopy. This seminar covers,

- Introduction to MRI technology
- High Sensitive Imaging Technologies
- Medical Diagnostics
- Scanning cancerous tissue in brain tumour
- Diabetes and Dementia.
- Recent Research in Chemical and Pharmaceutical Industries.

## FACULTY

Sessions will be handled by Experts from reputed Institutions in the Biomedical Engineering field and Industries in health care areas to share their knowledge relevant to the seminar.

## 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	:13.07.2018
Intimation of selection	:20.07.2018
Confirmation by Participants	:27.07.2018

## 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 is 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 42km from Coimbatore and 60km from Tirupur. It is well connected by road and rail.