

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Place :

Date :

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr _____

_____ is an employee/student of our Institute and is hereby sponsored. He/She will be permitted to attend the course for the entire duration, if selected.

Office Seal

Signature of the
Sponsoring authority

Place:

Date:

Application form completed in all aspects is to be sent to:

Dr. D. CHITRA

Convener

Department of Computer Science and
Engineering,
P. A. COLLEGE OF ENGINEERING AND
TECHNOLOGY
Pollachi -642 002.

ABOUT THE COLLEGE

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 Arul Jothi Charitable Trust promoted by Prof. 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 and affiliated to Anna University Chennai with ISO certification, accredited by NBA (CSE, ECE, EEE & MECH) and NAAC with 'A' Grade. It offers five UG Programmes (B.E in CSE, ECE, EEE, CIVIL, MECHANICAL) and Three PG Programmes (M.E in CSE, VLSI Design, Power Electronics & Drives) and Two Research Programme (CSE, EEE).

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2008. The department is enriched with latest configuration systems and software's available. The thrust areas of the department are Big Data Analytics, Machine Learning, Computer Networking, Data Mining and Data Warehousing, Grid & Cloud Computing, Image Processing, and Theory of Computation etc. The department also offers PG programme & Ph.D Research centre.

Council of Scientific and Industrial Research (CSIR)

Sponsored

**A Two Day National Seminar
on**

**Nanotechnology for Sensors and
Sensors for Nanotechnology:
Preserving Life and Protecting
Environment**

21.03.2019 to 22.03.2019

Convener

Dr. D. CHITRA

Co-convener(s)

Mr. M. SABARIVEL

Mr. A. KALIAPPAN



**Organized by
Department of Computer Science and
Engineering
(Accredited by NBA)**

**P. A. COLLEGE OF ENGINEERING AND
TECHNOLOGY**

**(Accredited by NAAC with 'A' Grade)
Pollachi- 642 002, Tamil Nadu**

Mobile : 94866 61800, 94424 56969

Fax : 04259-221386,221387

E-mail : chitrapacet@gmail.com

sabarivelpacet@gmail.com

kaliappanpacet@gmail.com

Website : www.pacolleges.org

OBJECTIVE

This seminar focused on identifying key challenges faced by sensor developers and on determining the critical needs of the community, especially with respect to necessary standards, testing facilities, and advances in manufacturing.

Nanotechnology-enabled sensors are providing new solutions in physical, chemical, and biological sensing that enable increased detection sensitivity, specificity, multiplexing capability, and portability for a wide variety of health, safety, and environmental assessments. The Nano Sensors addresses both the opportunity of using nanotechnology to advance sensor development and the challenges of developing sensors to keep pace with the increasingly widespread use of engineered nano materials.

This seminar would definitely benefit the students, researchers and faculty members for predicting the analytics of environmental changes related to R&D.

PROGRAMME CONTENTS

- Introduction Sensor Fabrication, Integration, and Commercialization
- Review of Medical Devices Containing Nanoscale Materials
- Disruptive mobile-device based chemical sensor technology for industrial, environmental, and safety monitoring
- On-chip Bio-sensing System using Silicon Nanophotonic Devices
- Sensor Commercialization Challenges: Small Business Frustrations Involving Nanomaterial Regulations
- Biophotonics / EFRI: Next Gen onChip Platforms
- Resources to Support Nano-biosensor R&D
- Nanosensors and Consumer Products

RESOURCE PERSONS

Sessions will be handled by experts from reputed Industries, IITs and other reputed institutions.

ELIGIBILITY

Personnel from AICTE approved Engineering Colleges, Industries and Research Scholars.

REGISTRATION FEE DETAILS

PG Students/Faculty : Rs. 250/-
Research Scholar/Industry : Rs. 300/-
DD to be drawn in favor of:

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

BOARDING AND LODGING

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

HOW TO APPLY

The applicants should send their applications in the specified format to reach us on or before **04.03.2019**. If selected, they should confirm their participation as per schedule below.

SCHEDULED DATES

Last Date for Receipt of Applications: **04.03.2019**
Intimation of Selection : **08.03.2019**
Confirmation by Participants : **15.03.2019**

CSIR
Sponsored
A Two Day National Seminar
on
Nanotechnology for Sensors and
Sensors for Nanotechnology:
Preserving Life and Protecting
Environment

Date: 21.03.2019 to 22.03.2019

APPLICATION FORM

Name :

Department :

Educational
Qualification :

D.O.B & Age :

Sex :

Organization :

Designation :

Address for
Communication :
(With Telephone
No & E-mail ID)

Need Accommodation: Yes/No

Demand Draft Details:
(Number, Bank & Date)

**Signature of the
Sponsoring Authority**

**Signature of the
Applicant**