

LEARN

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 workshop for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the same.

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:

Mrs. V. Bouthra
Assistant Professor of Mathematics
Department of Science and Humanities
P. A. College of Engineering and Technology
Pollachi-642 002
Mobile : 96986 56293
Email : bouthravikas@gmail.com

WORK

ABOUT THE COLLEGE

P. A. College of Engineering and Technology (PACET) is approved by AICTE New Delhi, affiliated to Anna University, Chennai with ISO certification and accredited by NAAC with 'A' grade and also the Departments of CSE, EEE, ECE and MECH have been accredited by NBA. The College is located on the State Highway (SH-19) about 2 kms from Pollachi and 42 kms from Coimbatore. The Arul Jothi Charitable Trust promoted by Dr. P. Appukutty, Chairman and Managing Trustee with 35 years of experience in technical education has established this institution in 2008, with a vision to progress to become a center of excellence in engineering and technology through creative and innovative practices in teaching, learning and to promote research and development to produce globally competitive and employable professionals. The College has strong industry interaction and placement cell for enhancement of students' career.

The College offers five UG programmes (B.E in Civil, CSE, ECE, EEE and Mechanical), three PG programmes (M.E in CSE, PED and VLSI Design) and two Ph.D programmes in CSE and EEE.

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.”

SUCCEED



ICMR SPONSORED
A Two- Day National Seminar

On

**MATHEMATICAL MODELLING OF
THREE DIMENSIONAL CELL CULTURE AND
BIOREACTORS FOR LIVER TOXICITY TESTING**

24.01.2018 & 25.01.2018

Convener

Mr. M. Yuvaraja

Co-ordinators

Mrs. V. Bouthra

Dr. T. Gandhimathi

Organized by

DEPARTMENT OF
SCIENCE AND HUMANITIES



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

(Accredited by NAAC with “A” Grade)

Pollachi - 642 002, TamilNadu

Phone : 04259 - 221386 / 87

Fax : 04259 - 221386

E-mail : pacollege@yahoo.com

Website : www.pacolleges.org



LEARN

ABOUT THE DEPARTMENT

The Department of Science and Humanities was established in the year 2008 with a vision to develop quality engineers to meet the current needs in the emerging world of engineering. The Department endeavours to educate the students to acquire knowledge in Mathematics and physical sciences, to enable them to communicate and use their skills constructively for the benefit of the society. The Department has an excellent team of faculty, promoting the students towards a proactive attitude to achieve team spirit, social and ethical values apart from their curriculum.

OBJECTIVES OF THE PROGRAMME

This seminar focuses on all aspects of Mathematical Modelling and their application to cell culture and bioreactors for liver toxicity testing in medical field. Mathematical Modelling focuses on research related to the mathematical modelling of engineering and environmental processes, manufacturing, and industrial system. Participants will be from academia, industry and governmental laboratories in order to broadly address theory, applications and their synergy.

CONTENTS

- Introduction to mathematical modelling.
- Applications of Mathematical Modelling in cell culture and bioreactors for liver toxicity testing.
- Basic anatomy and physiology of the liver.
- Major cell types of the liver.
- Bioreactors for tissue culture.

ELIGIBILITY

Faculty and students from Engineering colleges, Arts and Science colleges, candidates from Industry and R&D organizations are considered on self-supporting basis.

WORK

REGISTRATION FEE DETAILS

Research Scholar / Students : Rs. 300/-
Faculty/ Industry Persons : Rs. 350/-

DD to be drawn in favour of:

**The Principal,
P. A. College of Engineering and Technology,
Pollachi - 642 002.**

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

Convenor

Mr. M. Yuvaraja, HoD,
Department of Science and Humanities

Co-ordinators:

Mrs. V. Bouthra
Assistant Professor of Mathematics

Dr. T. Gandhimathi
Assistant Professor of Mathematics

HOW TO APPLY

The applicants should send their applications in the specified format through their Principal / Sponsors on or before **12.01.2018**. If selected, their participation will be confirmed prior to the seminar.

SCHEDULED DATE

Last Date for Receipt of Applications : 12.01.2018
Intimation of Selection : 17.01.2018
Confirmation of Participants : 19.01.2018

SUCCEED

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AND TECHNOLOGY**
POLLACHI, COIMBATORE – 642 002
ICMR SPONSORED
A TWO DAY NATIONAL SEMINAR
on
**MATHEMATICAL MODELLING OF
THREE DIMENSIONAL CELL CULTURE AND
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24.01.2018 & 25.01.2018
REGISTRATION FORM
(To be filled in block letters)

Name : _____

Department : _____

Educational
Qualification : _____

D.O.B & Age : _____

Sex : _____

Organization : _____

Designation : _____

Address : _____

Phone : _____

E-mail ID : _____

Need Accommodation : Yes / No

Demand Draft Details

DD No. & Date : _____

Amount : _____

Bank Name : _____

Signature of the
Sponsoring Authority

Signature of the
Applicant