

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 seminar 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

Place : _____
Signature of the Sponsoring Authority

Date :

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

Mrs. K. SARITHA

Assistant Professor of Mathematics

Department of Science and Humanities

P. A. College of Engineering and Technology

Pollachi-642 002

Mobile: 8903519141

Email: sarithamaths.k@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 NBA and NAAC with 'A' grade. 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 six UG programmes (B.E in Civil, CSE, ECE, EEE, Mechanical and Biomedical), 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 MODELING
FOR GLUCOSE-INSULIN REGULATORY
SYSTEM OF DIABETES MELLITUS**

13.06.2018 & 14.06.2018

Convenor

Mr. M. Yuvaraja

Co-ordinators

Mrs. K. Saritha

Mrs. D. Chithra Kala

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

Diabetes is sweeping the globe as a silent epidemic largely contributing to the growing burden of non-communicable diseases and mainly encouraged by decreasing levels of activity and increasing prevalence of obesity. Over the past years, mathematics has been used to understand and predict the spread of diseases, relating important public health questions to basic infection parameters. Mathematical models have provided one means of understanding diabetes dynamics. This is indeed one of the main subjects of these notes, which will adopt the following topics in our seminar.

CONTENTS

- Understanding of Diabetes and Related Complications
- Mathematical Model for Detecting Diabetes in the Blood
- A Mathematical Model for the Burden of Diabetes and its Complications
- Control of Blood Glucose/Insulin Levels Using Mathematical Model
- Mathematical Model of Glucose-Insulin Metabolism from Carbohydrates in Type 1 Diabetes

ELIGIBILITY FOR PARTICIPANTS

Personnel from AICTE, MCI and UGC approved Colleges, Industries, Research Scholars and Students.

WORK

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus. The accommodation fee for each participant is free.

REGISTRATION FEE DETAILS

Faculty Member / Industry : Rs. 250/-
Research Scholar / Student : Rs. 200/-

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. K. Saritha
Assistant Professor of Mathematics
Mrs. D. Chithra Kala
Assistant Professor of Mathematics

HOW TO APPLY

The applicants should send their applications in the specified format through their Principal / Sponsors on or before **07.06.2018**. If selected, their participation will be confirmed prior to the seminar.

SCHEDULED DATE

Last Date for Receipt of Applications : 07.6.2018
Intimation of Selection : 09.6.2018
Confirmation of Participants : 11.6.2018

SUCCEED

P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY

POLLACHI, COIMBATORE – 642 002

ICMR SPONSORED

A TWO DAY NATIONAL SEMINAR

ON

MATHEMATICAL MODELING FOR GLUCOSE-INSULIN REGULATORY SYSTEM OF DIABETES MELLITUS

13.06.2018 to 14.06.2018

REGISTRATION FORM

(To be filled in block letters)

APPLICATION FORM

Name : _____

Educational Qualification : _____

Department : _____

Designation : _____

Organization : _____

D.O.B. & Age : _____

Sex : _____

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