

Learn

Work

Succeed

### 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.A.PRIYA**

Assistant Professor of Mathematics

Department of Science and Humanities

P.A.College of Engineering

and Technology

Pollachi-642 002

Mobile: 9698287380

Email:[priyapillaiivpt@gmail.com](mailto:priyapillaiivpt@gmail.com)

### 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 department of CSE, ECE, EEE & Mechanical got NBA accreditation. 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."



## COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR)

Sponsored

## A Two- Day National Workshop

on

## A Model Predictive Control Approach to Microgrid Operation Optimization

28.03.2019 & 29.03.2019

Convenor

**Mr.M.Yuvaraja**

Co-ordinators

**Mrs.A.Priya**

**Mrs.V.Bouthra**

Organized by

DEPARTMENT OF SCIENCE AND HUMANITIES



## P.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

(Accredited by NAAC – 'A' Grade)

Pollachi -642 002.

Phone : 04259 – 221386 / 87

Fax : 04259-221386

E-mail : [pacollege@yahoo.com](mailto:pacollege@yahoo.com)

Website : [www.pacolleges.org](http://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 workshop focuses on all aspects of control approach to microgrid operation optimization and their applications in engineering field.

**CONTENTS**

- Basics of Modeling and Micro-grid
- Real-time Micro-Grid Economic Dispatch Based on Model Predictive Control Strategy
- Thermal and Energy Production Optimization in Micro-Grids with Model Predictive Control
- Predictive Control of Voltages and Frequency in an Islanded Micro-grid

**ELIGIBILITY FOR PARTICIPANTS**

Faculty from engineering colleges, PG students with relevant background, candidates from industries, R&D organizations and faculty from arts and science colleges are considered on self-supporting basis.

Work

**REGISTRATION FEE DETAILS**

Research Scholar / Students : Rs. 200/-  
Faculty/Industry : Rs. 250/-

DD to be drawn in favour of:

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

**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  
Head,Department of Science and Humanities.

**Co-ordinators**

Mrs.A.Priya  
Mrs.V.Bouthra  
Assistant Professor(s) of Mathematics.

**HOW TO APPLY**

The applicants should send their applications in the specified format through their Principal/ Sponsors on or before **19.03.2019**. If selected, their participation will be confirmed prior to the seminar.

**SCHEDULED DATE**

**Last Date for Receipt of**

**Applications : 19.03.2019**  
**Intimation of Selection : 21.03.2019**  
**Confirmation of Participants : 25.03.2019**

Succeed

**P.A. COLLEGE OF  
ENGINEERING AND TECHNOLOGY  
POLLACHI, COIMBATORE – 642002**

**CSIR SPONSORED  
A TWO - DAY NATIONAL WORKSHOP  
on  
A Model Predictive Control  
Approach to Microgrid Operation  
Optimization**

**28.03.2019 & 29.03.2019**

**REGISTRATION FORM**

(To be filled in block letters)

**Name:** .....

**Department:**.....

**Designation:**.....

**Organization:**.....

**Address for Communication:**

**Phone:** .....

**Email id:** .....

**Need Accommodation: Yes/No**

**Demand Draft Details:**

**D.D. No. & Date:** .....

**Amount:** .....

**Bank Name:** .....

Date:

Signature