

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 coordinator in case I am unable to attend the course.

Place: _____ Signature of the Applicant

Date: _____

Sponsorship Certificate

Mr./Ms/Dr.....
is an employee of our Institute / organization and is hereby sponsored by us. He / She will be permitted to attend the course, if selected.

Place: _____ Signature with Seal

Date: _____ Sponsoring Authority

Address for Correspondence:

Dr.R.Prakash

CSIR Seminar-Organizing Secretary

Muthayammal Engineering College (Autonomous),
Rasipuram– 637 408,
Namakkal Dt
Cell: 9344725161
Email: prakash.r.eee@mec.edu.in

About The College

Muthayammal Engineering College (Autonomous), established in the year 2000 and committed to uplift the rural community educationally in a stimulating learning environment. It is a co-educational self-financing Institution approved by NAAC, AICTE and affiliated to Anna University. The college offers 10 U.G. Programme and 7 P.G. The college has got NBA accreditation for 4 UG programmes. The college is accredited by the IT giants such as Tata Consultancy Solutions, WIPRO and Cognizant Technology Solutions.

About The Department

The department of EEE has 19 years of excellence service in offering UG programme in Electrical and Electronics Engineering and PG Programme in Power Systems Engineering. It has spacious and well equipped laboratories and classrooms. The Department has well experienced, highly qualified faculty members. It has successfully imparted knowledge to numerous students who have excelled profoundly achieving university ranks. The department association organizes National level technical symposium, conference, seminars, guest lectures, industrial visits and placement training. etc., which helps to improve the student's caliber.

Vision: To Excel in Education, Research and Technological Services in Electrical and Electronics Engineering with Strong Ethical Values to Cater to the Local and Global needs of the Society

Mission: Quality Education: To Impart Quality Education so as to Produce Globally Competent Electrical and Electronics Engineers Capable of Extending Technological Services

Research & Development: To Provide Conducive Ambience for Collaborative Research and to Develop Contemporary and Sustainable Technologies

Professionalism: To produce Graduate with quest for Excellence, Enthusiasm for Continuous Learning, Ethical Behavior, Integrity and Exceptional Leadership

About The Location

Muthayammal Engineering College is situated at Kakkaveri, Rasipuram, Namakkal District of TamilNadu, The campus is 5 Kms away from Rasipuram, 36 Kms from Salem, 34 Kms from Namakkal, 66 Kms from Erode, 165 Kms from Coimbatore, Nearest Railway station is Raipuram and Salem, Nearest Airport is Salem.



**CSIR-Sponsored
National Seminar
on
“Digital Agriculture”
28.11.2019 and 29.11.2019**



**Chairperson
Dr.S.Saravanan, Professor and Head,
Department of EEE,**

**Organizing Secretary
Dr.R.Prakash, Professor, Department of EEE
Organized by**



**Department of Electrical and Electronics Engineering
Muthayammal Engineering College (Autonomous),
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai,
Accredited by NBA, NAAC
Rasipuram– 637 408, Namakkal Dt., Tamilnadu.
Ph: 04287-220837
Email: principal@mec.edu.in**

Introduction:

The development of international agriculture has experienced several main stages: primitive agriculture stage, traditional agriculture stage and modern agriculture stage. Undertaking some easy work by stoneware is one of the main characters of primitive agriculture. During traditional agriculture stage, Humans invented ironware and began to produce using tools made of iron and wood. The productivity was improved significantly. While during modern agriculture stage, advanced agricultural machines were used and agriculture economy made great progress. “The so-called Digital Agriculture is featured by digitization of agricultural activity and is agriculture driven by digits.” This system can be also described as an integrated agricultural system. The main keys of the integrated agricultural system includes data processing and digital control machinery for digitization, data transmission, data collection, network and automation of agricultural activity.

The convergence of agriculture and information and communication technology (ICT) is a new growth engine increasing efficiency in every process of production, distribution and consumption. This convergence has become more important as a solution to problems which the agriculture sector faces, such as a labor shortage caused by an aging population, unusual weather phenomena, a high cost structure from complicated distribution systems, and rapidly-changing consumer tastes. In this seminar we put forward the conception of Digital Agriculture, and take it as a turning point to normalize and propel the development of national agriculture.

Program Outline

- Central Databases of Agriculture
- Real-time Information Collecting System
- Digital network transmission system
- Digitized agricultural machinery (DAM)
- Image Processing application in Agriculture
- Real-time Agriculture Information Collection System Base on Mobile GIS, Agro-Geoinformatics
- System for field information collection and update based on GSM and GPS, Computer Technology and Development
- Application of GIS to disease and pest management
- Web Service-based Agricultural Economy Information Exchange And Sharing System, Computer Application and Software
- Remote sensing based crop inventory

Eligibility

Faculty and students from AICTE approved Engineering Colleges and Polytechnics & also participants from Industries and R&D organizations.

Accommodation

Accommodation will be provided for external participants in the college premises at students Hostel on demand.

Registration

All participants have to pay Rs. 500.00 as registration fee by Demand Draft in favour of “The Principal, Muthayammal Engineering College, and Payable at Rasipuram”.

How to Apply

The applicants can send their applications in the specified format with signature of sponsored to reach us on or before 22.11.2019. Only limited number of participants will be selected on first-come-first-served basis. If selected, they should confirm their Participation in time.

Scheduled Date

Last date for receipt of application: 22.11.2019
Intimation of Selection by email : 25.11.2019
Confirmation by Participants : 26.11.2019



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**National Seminar
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**Department of Electrical and Electronics
Engineering
Muthayammal Engineering College
(Autonomous)**

**Kakkaveri, Rasipuram,
Namakkal District, Tamilnadu.**

Registration Form

Name :

Age :

Sex :

Qualification :

Designation :

Organization :

Address for Communication:

Mobile no. :

E-mail ID :