

**Workshop on  
“Development of Real Time  
Applications using IoT - A Hands  
on Approach”**

**28th & 29th February 2020**

**Department of Information  
Technology**

**REGISTRATION FORM**

Name : .....  
Organization : .....  
Address : .....  
.....  
.....  
Mobile : .....  
Email : .....  
Nature of Participant

- ❖ Industry Delegate
- ❖ Research Scholar
- ❖ Faculty Member
- ❖ Student

Amount Paid : .....

**D.D Details**

D.D. Number : .....

Bank Name : .....

Date : .....

.....

Date

Signature

**Organizing Committee**

**Chief Patron:**

**Dr. C. Ramaswamy**  
Secretary, NIA Educational  
Institutions

**Chairman:**

**Dr. A. Rathinavelu**  
Principal, MCET

**Convener:**

**Dr. S. Ramakrishnan**  
Professor and HOD - IT

**Organizing Secretary:**

**Dr. P. Sathiyamurthi**  
AP (SS) /IT

**Organizing Members:**

**Mr. N. Krishnaraj**  
AP / IT  
**Mr. J. Ramprasath**  
AP / IT  
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AP / IT  
**Mr. N. Praveen Sundra Kumar**  
AP / IT  
**Ms. S. Soundariya**  
AP / IT



**Workshop on  
“Development of Real Time  
Applications using IOT- A Hands on  
Approach”**

**28th & 29th February 2020**

Organized by  
**Department of  
Information Technology**

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY  
Enlightening Technical Minds

**Dr. MAHALINGAM COLLEGE OF  
ENGINEERING AND TCHNOLOGY**

(An Autonomous Institution)  
(Accredited by NBA, NAAC with  
'A++' Grade)

**Pollachi – 642003  
Coimbatore(DT),  
Tamilnadu**

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## INSTITUTION PROFILE

Dr.Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr.M.Manickam with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr.N.Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Engineering College and it is approved by AICTE, New Delhi & affiliated to Anna University. The Institute has been accredited by NAAC with A++ and 7 UG Programmes (CSE, EEE, EIE, ECE, Civil, Mech., Auto.) are accredited with Tier-1 by NBA. The MCET currently offers 9 UG, 5 PG and 4 Doctoral programme in Engineering, Technology and Science.

## DEPARTMENT PROFILE

The department of Information Technology was established in 1999, offers B.Tech (IT) programme, Affiliated to Anna University and Approved by AICTE. The faculties of the department have over 100 publications in conferences and journals like IEEE Transactions, Springer Verilog, Wiley, IET, CSI, etc. During the last five years, the department has conducted handful of National conferences, seminars and skill training sponsored by AICTE, CSIR, PMKVY, Infosys, TNSCST.

The areas of expertise of the faculty members include Information processing, Data Base Management, Software Engineering, Web Technologies and Networking, etc.,

Our Department and EMC<sup>2</sup>, Bangalore have signed in a MOU to provide training to the students in information storage management. Our department and SAP, Bangalore have signed in a MOU to provide training for students on SAP products and business applications. Our department and VMware, Bangalore have signed in a MoU to provide training for the students on VMware products and business applications. Our department and National Research Development Corporation have signed in a MoU to provide support on patenting & technology commercialization.

## ABOUT THE WORKSHOP

This workshop focuses on the IT ecosystem and a rich domain of active research involving hardware and system design, networking, programming models, data management, security and social factors.

## TOPICS

- ◆ IoT devices and architecture
- ◆ Sensors & smart devices. How to select appropriate sensor for an IoT application?
- ◆ Hands on Project: Smart home(requirement phase, implementation, spec path, etc.,)
- ◆ Thing works - Think speak
- ◆ Current sensing application, Data storage, wireless control, Ultra low power operation
- ◆ Integrating with MCU & MPU
- ◆ Video Streaming and Face Recognition example solution
- ◆ Reverse engineering of a usual product

## WORKSHOP OUTCOMES

The outcome of this workshop shows secure and great promise for various futuristic applications like Home automation, Smart Cities and Agriculture.

## RESOURCE PERSON

Expert from Industry.

## ELIGIBILITY

Faculty members, Students, Research Scholars & Industry Delegates are eligible to attend the workshop.

## IMPORTANT DATES

Last date for receipt of Applications: 24.02.2020  
Confirmation by Participants :26.02.2020

## FEES DETAILS

Participant	Registration Fee Inclusive of 18% GST
Student/Faculty Members/Research Scholars	Rs. 649/-
Industry Delegate	Rs. 1003/-

## BOARDING & LODGING

Accommodation and boarding if required will be provided in the college campus on the chargeable basis and on prior request.

## HOW TO APPLY

The applicants should send their application in the specified format along with DD (in favour of "The Principal, Dr. Mahalingam College of Engineering and Technology, Pollachi" payable at Pollachi) to reach us on or before 24.02.2020

## ADDRESS FOR COMMUNICATION

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