

ABOUT THE COLLEGE

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 day 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 to acquire the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self- financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University, Chennai. The Institution has been accredited by the National Board of Accreditation (NBA), New Delhi and ISO 9001:2008 certified by TUV. MCET currently offers 10 UG 6 PG and 4 doctoral programs in Engineering, Technology and Science.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 1998 and offers B.E (ECE) and M.E (Communication Systems) approved by AICTE, affiliated to Anna University, and accredited by NBA. The department has experienced and qualified faculty members who are fully committed to teaching, research and dedicated to impart quality education to the students. The students have access to well equipped, state-of-the-art laboratories. The department is focusing on research activities in the predominant areas on Communication and Networking, RF, VLSI, image and signal processing. The department is conducting many programmes to bring research experts from various industries and institutions, to share their knowledge in their area of expertise.

Organizing Committee Members

Chief Patron:

Dr. M. Manickam,
Chairman, MCET

Patron:

Shri. M. Hari Hara Sudhan,
Correspondent, MCET

Chairman:

Prof. C. Ramasamy,
Secretary, NIA Educational Institutions

Co- Chairmen:

Dr. A. Rathinavelu
Principal, MCET

Convener:

Dr. R. Sudhakar,
Professor and Head - ECE

Organizing Secretary:

Dr.K.Mohaideen Abdul Kadhar
Assistant Professor (SG) – ECE

Committee Members:

Mr. J.Senthil Kumar,
Assistant Professor - ECE

Mr.E.Vinoth
Assistant Professor - ECE

Mr.G.Anand
Assistant Professor - ECE

Two days' Workshop on "IOT AND DATA ANALYTICS"

In association with MCET-ISTE
Students Chapter

8th & 9th September 2017

Organized by

Department of Electronics and Communication Engineering



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

**(An Autonomous Institution) (Accredited
by NBA, NAAC with 'A' Grade Institution)
Pollachi-642003**

Coimbatore (Dt), Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.mcet.in

ABOUT THE WORKSHOP

The objective of this workshop is to disseminate the recent methodologies in data analytics and to learn the basic architecture of IoT. The expected outcomes of this workshop are:

Participants can able to:

- Explore the recent methodologies and researches in IoT.
- Implement data analytics for analyzing and classifying the data.

Topics to be covered:

- Basics of IOT and its architecture
- IOT Components, Network, Application-Case Study
- IOT & Mobile Cloud- Research perspective
- Introduction to data analytics-functionalities
- Data preprocessing using Weka and R
- Working with classification techniques
- Working with Clustering techniques- Predictive Analytics
- Hands on Training/Demo Data pre-processing (min-max normalization), Classification algorithms (KNN, Bayesian), Clustering (K-Means, K-Medoids) Prediction (Linear, Multiple regression)

RESOURCE PERSONS:

- Dr.E. Sivasankar, NIT, Tiruchirappalli
- Dr. P. Karthikeyan, Thiagarajar College of Engineering, Madurai



ADDRESS FOR COMMUNICATION

Dr.K.Mohaideen Abdul Kadhar
Assistant Professor (SG),
Department of ECE,
Dr. Mahalingam College of Engineering and
Technology, Pollachi - 642003
Email: makece@drmcet.ac.in
Mobile Number: +919750747168,
+919952310604, +919790128410

REGISTRATION DETAILS:

Registration Fee	Amount
All Category	Rs.500

The registration fee includes workshop kit, refreshment and lunch.

ELIGIBILITY

Faculty members from Engineering colleges, Research Scholars, PG/UG Students and people from Industry

REGISTRATION FORM

Two days' Workshop on
"IOT AND DATA ANALYTICS"
8th & 9th September 2017

Name:.....

Designation:.....

Department:.....

Institution:.....

Address:.....

Pin code:.....

Phone/Mobile:.....

E-mail:.....

Category: Student/ Faculty/ Industry

Demand Draft Details:

DD No:.....

Bank:

Branch:.....

(DD should be drawn in favour of the "**The Principal, Dr.Mahalingam College of Engineering and Technology**", payable at "**Pollachi**" for the amount of Rs.500/-towards registration fees)

Place: _____ Signature of the Applicant

"Send your registration form on or before 28/08/2017"