

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 NAAC with A grade, New Delhi. The MCET currently offers 10 UG, 6 PG and 5 doctoral programme 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. Also our department is affiliated by Anna University, Chennai as research Centre to pursue Ph.D. 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 viz., RF, VLSI, image & signal processing, data analytics, communication and networking.

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Dr. M. Manickam,
Chairman, MCET

Patron:

Shri. M. Hari Hara Sudhan,
Correspondent, MCET

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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

Mr.P.Mohankumar
Assistant Professor - ECE



Two days' Workshop on “DATA SCIENCE WITH PYTHON PROGRAMMING IN RASPBERRY PI”

In association with MCET-ISTE

Students Chapter

30th & 31st August 2018

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

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ABOUT THE WORKSHOP

This workshop is designed to develop a practical understanding of Data science with python programming in Raspberry Pi. This workshop will be a blend of theory and hands on training from industry and academic experts. The growing demand of integrating OpenCV with python promises clear cut solutions to various engineering applications like image and signal data analytics, robotic vision, object tracking and detection, etc. Since the tools are open source, students, faculties and researchers can exploit the freedom and possibilities of expanding their ideas in real time with the help of python programming in Raspberry Pi. The topics to be covered in the workshop are listed as follows:

Day 1

- Introduction to Raspberry Pi board, Processor, Configuration and setup
- GUI and Basic command prompt instruction.
- Introduction to python programming-
- Functions, Arguments, List and control flow in Python.

Day 2

- Introduction to Image processing Using Raspberry Pi using OpenCV Platform
- Hands-on training with Image data processing technique using Raspberry Pi

PROGRAMME EXPERTS

Sessions will be handled by Experts from reputed Institutions and hands on training will be done by Industry experts.



ADDRESS FOR COMMUNICATION

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Assistant Professor (SG),
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Email: makece@drmcet.ac.in
Mobile Number: +919750747168,
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REGISTRATION FEE

Registration Fee	Amount
PG/UG Students/Faculty Members from Academic Institutions /industries	Rs.650/-

The registration fee includes workshop kit, refreshment and lunch

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Registration Form

Name:.....

Designation:.....

Department:.....

Institution:.....

Address.....

Pin code:.....

Phone/Mobile:.....

E-mail:.....

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.650/-towards registration fees)

Place: Signature of the Applicant

"Send your registration form on or before 25/08/2018"