Workshop on
"Machine Learning and its Applications"

13.09.2019 and 14.09.2019

Dr. Mahalingam College of Engineering and Technology
Pollachi - 642 003

Department of Information Technology

REGISTRATION FORM

I would like to participate in this workshop

Name:_____

Designation:_____

Department:_____

Institution/Organization: _____
_____

Address: _____
_____

Phone/Mobile:_____

E-Mail:_____
        I have enclosed DD **(in favour of "The Principal, Dr. Mahalingam College of Engineering and Technology, Pollachi" payable at Pollachi)** for the amount of Rs._____ only towards registration fees.

DD Number _____

Date : _____

Bank & Branch:_____

Signature of the candidate

Organizing Committee

Chief Patron:

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

Chairman:

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

Convener:

> **Dr. S. Ramakrishnan**
> HOD - IT

Organizing Secretaries:

> **Dr.A.S.Muthanandha Murugavel**
> Associate Professor / IT

> **Ms.S.Ponni@Sathya**
> AP (SS) / IT

Organizing Members:

> **Ms.S.Nithya**
> AP(SS)/IT

> **Mr. K. Kanagasabapathi**
> AP / IT

> **Mr. J. Dhyaneswaran**
> AP / IT

> **Ms. A. G. Priya Varshini**
> AP / IT

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Organized by

Department of Information Technology

Dr. MAHALINGAM
MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds   Estd. 1998

An Autonomous Institution
(Since 2011)

Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Pollachi - 642003

Coimbatore (Dt), Tamilnadu

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

Fax: +91-4259-236070

Website: www.mcet.in

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 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 are accredited with Tier-1 by NBA. The MCET currently offers 10 UG, 6 PG and 5 doctoral programme in Engineering, Technology and Science.

ABOUT THE DEPARTMENT

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 EMC2, 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. Our department and UiPath have signed in a MoU to provide training on Robotic process automation.

ABOUT THE WORKSHOP

The objective of this workshop is to make the participants to have hands-on exposure towards classification and regression machine learning algorithms for real world applications using Python and Introduction to Tensor Flow.

This workshop will be helpful for the participants to learn about Machine learning algorithms and its applications in industry perspective.

TOPICS

♦Fundamentals of Machine learning
♦Linear Regression Problem
♦ML with Python Programming basics
♦Gradient Descent Algorithm
♦Classification Problem, Logistic Regression Model
♦**Applications:**
    Handwriting Digit Recognition
    Accuracy Prediction and Optimization
♦**TensorFlow:**
    Introduction to TensorFlow
    Use case: Image Recognition

WORKSHOP OUTCOMES

♦ All participants will know how to apply machine learning algorithms for real world applications using Python and TensorFlow.

RESOURCE PERSON

Experts from Reputed Industry.

ELIGIBILITY

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

IMPORTANT DATES

Last date for receipt of Applications : 10.09.2019
Confirmation by Participants : 11.09.2019

FEES DETAILS

Students/ Faculty Members/ Research Scholars	**:Rs. 600/-**
Industry Delegates	**:Rs. 1,000/-**

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 **10.09.2019.**

ADDRESS FOR COMMUNICATION

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