

**Hands-on Training Programme**  
*on*  
**MACHINE LEARNING BASICS**  
*using*  
**PYTHON**

19 - 20, September 2018

**Convener**

**Dr. P. Anandhakumar**  
Professor and Head

**Coordinators**

**Dr. Ponsy R.K. Sathia Bhama**  
**Dr. Y. Nancy Jane**



**Organized by**

Department of Computer Technology MIT  
Campus, Anna University, Chromepet,  
Chennai-600 044, Tamilnadu, India.

**Organizing Committee**

**Chief Patron:**

Dr. M. K. Surappa  
*Vice-Chancellor, Anna University.*

**Patrons:**

Dr. S. Ganesan  
*Registrar, Anna University.*

Dr. A. Rajadurai  
*Dean, MIT Campus, Anna University.*

**Honorary Chair:**

Dr. S. Thamarai Selvi,  
*Professor, Dept. of CT,  
MIT Campus, Anna University.*

**Communication**

The Coordinators,  
**Hands-on Training Programme on  
Machine Learning Basics,**  
Department of Computer Technology,  
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Email-id: trainingonsc@gmail.com

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**Registration Form**

1. Name :
2. Designation :
3. Institution :
4. Academic Qualification :
5. Date of Birth :
5. Research Interest :
6. Communication Address :
7. Phone :

8. Email-id :

**Declaration :**

*I hereby declare that the given information are  
true to the best of my knowledge. If selected, I  
shall attend the entire training programme.*

Place :

Date :

**Signature of the Participant**

## About the Department

The Department of Computer Technology at MIT Campus, Chennai strives to produce excellent computer professionals through comprehensive educational programmes, promoting students with managerial skills to become competitive entrepreneurs, carrying out research in collaboration with industries and adaptive to ever-changing technologies.

## About the Training Programme

This training programme is aimed for the research aspirants to explore wide knowledge and gain practical training experience in the tools and techniques of machine learning. The objective of this training is to exchange ideas and gain in-depth awareness in applying machine learning techniques to provide acceptable solution for real time applications.

## Target Audience

Students, Research Scholars, Academicians, and Industry Delegates.

## Registration Fee: Rs. 1250/-

The Demand Draft should be drawn in favor of "The Dean, M.I.T. Campus, Anna University, Chennai - 600044 " payable at Chennai.

## Important Dates

Last date for submission  
of Registration Form  
along with DD : **12.09.2018**

Selection Intimation : **14.09.2018**

Confirmation from  
Participant : **17.09.2018**

## Note:

Participants restricted to 50.  
Registration fee non-refundable.

## Trainers

Research Experts from Anna University and reputed industries.

## Course Outline

- ❖ Introduction to Machine Learning techniques
- ❖ Research Methodologies in Machine Learning
- ❖ **Hands-on Using PYTHON**
  - Linear Regression
  - Neural Networks - Types & Learning
  - Decision Tree
  - Bayesian Classification
  - Fuzzy Inference System
  - Evolutionary Computation: Genetic Algorithm (GA), Particle Swarm Computation (PSO)