



# HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE  
(DEEMED TO BE UNIVERSITY)

## FACULTY DEVELOPMENT PROGRAM

ON

## MACHINE LEARNING

in association with

**Machine Intelligence and Data Analysis Research Centre (MIDARC)**

**7th & 8th December 2018**

### Coordinators

Mr. B. Dwarakanath

Mr. B. V. Baiju

Ms. I. Juvanna

Ms. N. Meenakshi

### Fee Structure

Faculty : Rs.1000

Scholar : Rs. 1000/-

Industry : Rs. 1500/-

### Resource Persons

Dr Elizabeth Sherly

Director

IITM-K

Mr. Kumar Vikram

Associate Consultant

Atos Syntel

Mr. Janarthanan Selvaraj

Specialist-Training

Atos Syntel

### Address for

### Communication

The Coordinator,

Department of Information

Technology,

Hindustan Institute of

Technology and Science,

Rajiv Gandhi Salai, Padur,

Chennai – 603103

### Contact

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### Registration

<https://goo.gl/forms/b0oE8IHnkr6GtCkI3>

## ABOUT THE FDP

Machine learning (ML) can be stated as the practice of applying algorithms to use data, learn from it & forecast the future trends. The FDP will emphasize hands on sessions. The Faculty Development Program aims to familiarize the participants with data analysis, machine learning algorithms and to implement them using Python and R for predictive analysis and pattern identification. Python will inevitably draw the comparisons with many other domain-specific open source software. R is an open source package for Data Mining. It is available as stand-alone application for Data Analysis and as a Data Mining engine for the integration into own products.

## TOPICS TO BE COVERED

- Introduction to Machine Learning, Deep Learning, Convolutional Neural Network
- Python Basics
- Advanced Python Packages related Machine Learning
- Real time application in Python
- NLP
- Text Mining and Analytics
- Sentimental Analysis
- Topic Modeling
- Demo on ChatBot
- Comparative study with R

## REGISTRATION

The registration fee should be paid through Online - NEFT. Registration restricted to 50 participants only. Seats will be allotted on first-come first-serve basis. Participation certificate will be issued to every registered participant.

## NEFT Details

Account Name : Hindustan Institute of Technology and Science

Name of the bank : Indian Overseas Bank

Branch : Padur

Account No. : 255402000000001

Account Type : Current

IFSC Code : IOBA0002554

**ORGANIZED BY**

**DEPARTMENT OF INFORMATION TECHNOLOGY  
SCHOOL OF COMPUTING SCIENCES  
HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE**