

## Registration Form

### • Personal Information

– Full Name: (In Block Letters)

– Email address:

– Contact Number(s):

– Residential Address:

### • Professional Information

– Designation:

– Organization:

– Qualification:

### • Registration Information

– ISTE Member:  Yes  No

– If Yes, Membership No.: \_\_\_\_\_

– Fees:  Rs. 2500/-  Rs. 3000/-

– Mode of Payment:  Cash  DD

– DD No.: \_\_\_\_\_

– Date: \_\_\_\_\_

– Bank / Branch: \_\_\_\_\_

\_\_\_\_\_  
Candidate's  
Signature

\_\_\_\_\_  
Seal and Signature of Sponsoring  
Authority

Linear Regression Hidden Markov Models  
Bayesian Belief Networks Logistic Regression Tensor Flow  
Decision Trees Classification and Support  
Deep Learning clustering Vector  
Machine Learning  
Expectation Neural Networks Reinforcement Machines  
maximization Learning Mixture modeling



### The People

#### Chief Patrons

Rev. Father Saturnino Almeida  
Managing Director

Rev. Father Ivon Almeida  
Assistant Managing Director

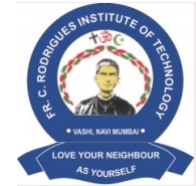
#### Patrons

Dr. S. M. Khot  
Principal

Dr. Lata Ragra  
Head, Department of Computer Engineering

### Organizing Committee

Faculty of Department of Computer Engineering.



## ISTE Approved Short Term Training Program (STTP)

on

## Machine Learning

(January 02 - January 06, 2018)

*Organized by*

### Department of Computer Engineering

Fr. C. Rodrigues Institute of Technology,

Agnel Technical Education Complex,

Sector 9A, Vashi, Navi Mumbai - 400703

www.fcrit.ac.in

### Conveners

- Amroz K. Siddiqui
  - amroz@fcrit.ac.in
  - 8433508262 / 9221796825
- Rahul Jadhav
  - rahul.jadhav@fcrit.ac.in
  - 9619793406

## Overview

The Department of Computer Engineering of Fr.CRIT, that is, Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, is organizing a Short Term Training Program on **Machine Learning** from **January 02 to January 06, 2018**. The Program will comprise of lectures, hands-on lab exercises and quizzes by experts from Industries and Research Organizations. The knowledge imparted through this course will expose the participants to the advancements in latest technologies in these fields. The program is open to Faculty members and Ph.D. students to further enhance their knowledge in the field of **Machine Learning**.

### The Vision and Mission of the Department

#### Vision:

To contribute significantly towards high quality technical education with ever changing world and empower the students to be the self-sustainable professionals in computer technology and responsible citizens possessing Indian values and ethics.

#### Mission:

1. To provide quality and application oriented education in the field of Computer Engineering to meet the industry requirements.
2. To prepare technically competent, ethical, socially committed professionals with good leadership qualities.
3. To facilitate an opportunity to interact with prominent institutes, alumni and industries to understand the impact of computer technology in global and local context.

## Institute Profile

Fr. C. Rodrigues Institute of Technology was established in 1994 in the heart of Navi Mumbai, Vashi, as a part of Agnel Technical Education Complex. The main aim of the Institute is to provide quality technical education in addition to inculcating moral values in its students. The College has been granted Religious minority status and prides on being one of few that has been accredited for all five branches twice, one in the year 2006 another in 2012. Our Institute



has been ranked between the top 150-200 engineering colleges in India, according to NIRF (National Institute Ranking Framework). This ranking has been given to only three private colleges in the Mumbai city.

## Features of the Training Program

This program provides a broad introduction to Machine Learning along with hands-on practice through innovative and challenging lab-exercises using Python and R programming languages, followed by two small quizzes to test our understanding.

Topics include:

- Linear Regression, Logistic Regression, classification and clustering
- Reinforcement Learning
- Bayesian Belief Networks, Hidden Markov Models
- Neural Networks
- K-means, fuzzy c means, Mixture modeling, Expectation maximization for segmentation
- Decision Trees
- Support Vector Machines
- Sparse dictionary modeling
- Deep Learning, Tensor Flow

## Resource Persons

Eminent speakers from industries and institutes will conduct the sessions. Listed below are the names of few.

## Session Speakers

- Ms. Shilpa Karkeraa, Myraa Technologies
- Mr. Shaun DSouza, Accenture
- Mr. Devesh Rajadhyax, Cerelabs
- Mr. Nilesh Dalvi, Cerelabs
- Mr. Sanket Korgaonkar, Sears Holdings
- Mr. Saurabh Shigwan, IIT Bombay
- Ms. Kratika Gupta, IIT Bombay

## Guidelines

- The Registration Fees for the Program is
  - Rs. 3000/- (For Non-ISTE Members)
  - Rs. 2500/- (For ISTE Members)
- 30 Seats have been allotted for this Training Program and will be filled on First Come basis.
- Scanned copy of completed Registration forms are required to be sent in the prescribed format duly attested by the competent authority to Coordinators email address before **December 20, 2017**.
- The fees can be paid either through **cash OR Demand Draft** in favour of "Fr. C. Rodrigues Institute of Technology" payable at Navi Mumbai
- The registration fee covers training program kit, STTP participation certificate, refreshments and lunch.
- Kindly contact Program Coordinators for any further enquiries.

## Institute Address

- **Fr. C. Rodrigues Institute of Technology**,  
Agnel Technical Education Complex, Sector 9A, Vashi,  
Navi Mumbai, Maharashtra, Pin: 400703
- Phone: +91-22-27771000, 27662949
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