



K.E. Society's  
**Rajarambapu Institute of Technology,**  
**Rajaramnagar**

One Week STTP on  
**Data Science using Python**

17<sup>th</sup> June - 21<sup>st</sup> June, 2019

Registration form

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Educational Qualification: \_\_\_\_\_

ISTE Membership No.: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

Phone/Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation Required:      Yes / No

Place: \_\_\_\_\_

Date:        /        /

Signature of the Applicant

Recommendation of Sponsoring Authority

Mr./Ms./Dr./Prof. \_\_\_\_\_

is an employee of this institute is hereby sponsored to attend the course, if selected.

Seal and sign of Sponsoring Authority

**About the Institute**

Kasegaon Education Society's Rajarambapu Institute of Technology (RIT) was established in 1983 with a mission to create techno excellent citizen through academic excellence. RIT is in green belt of Sangli District, Maharashtra State, India. The institute presently offers 7 UG, 12 PG and 3 doctoral programs in various engineering disciplines. Institute has continuous interaction with Industry through in plant training and live industry based projects. Institute is funded under World Bank Project named 'Technical Education Quality Improvement Program' (TEQIP II) with Rs. 4 crores for PG Programmes and Research driven by innovation.

**Salient Features**

- An Autonomous Institute affiliated to Shivaji University, Kolhapur and implemented choice based curriculum structured (CBCS).
- The Institute was accredited by NAAC with 'A' Grade, IE INDIA, Kolkata and TCS.
- Selected in the first and second phase of TEQIP, MHRD, World Bank Project, New Delhi.
- Institute has active R&D Cell to promote research activities. Institute received research funds from various funding agencies like AICTE, RGSTC, PMYUVA/NIESBUD. Institute is recognised as host for Incubation centre by MSME.
- Institute has "Pradhan Mantri Kaushal Vikas Yojana" to enable and mobilize a large number of Indian youth to take up skill training and become employable and earn their livelihood.
- Institute has been awarded as "Most Innovative Brand" in Maharashtra by Maharashtra Lokpriya Brand 2019 (Arthsanket)
- Institute has "Industry-Institute Interaction (III) cell for continuous interaction between academia and industry so as to provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students.
- Institute has established RIT-TBI cell with vision to transform engineering campuses into ESDM Product Innovation Centers (EPIC) through Industry Partnerships

One Week STTP  
on  
**Data Science using  
Python**

Under  
**ISTE**  
&  
**RIT- Center for Teaching and Learning**



**17<sup>th</sup> June - 21<sup>st</sup> June, 2019**

Organized by  
**Department of Computer Science &  
Information Technology**



K.E. Society's  
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**Rajaramnagar**

website : [www.ritindia.edu](http://www.ritindia.edu)

## About the Department

The Department has made commendable progress in a short span with advanced curriculum design, Outcome Based Education and ICT based teaching learning. Department has tie-ups with reputed Industries and Institutions. Department promotes research in Machine Learning, Internet of Things, Data Analytics and Cloud Computing areas. Students are motivated to develop the projects in latest technologies and gain knowledge under Android Club, CSI Student Chapter, ELITE student Association etc.

Strengths of Department:

- Aakash Project Center in collaboration with IIT Bombay.
- Remote center for workshops funded by MHRD.
- Choice Based Curriculum Structure (Cloud Computing, IoT, Machine Learning, Algorithms, Data Analytics.
- Aneka Cloud Laboratory.
- 90% Placement of Students
- 100% Employment Retention Ratio for Internship Students
- MOU's with Infosys, Mitu Skillologies and EMTEC Inc.
- Android Club. Total 23 Android apps published on Google Play store with more than 40000+ downloads.
- Department has received Inspiration Award in Smart India Hackathon 2017 organised by Department of Ministry Gov. of India.

## About Program

- **Python programming** is an open source programming language that was made to be easy-to-read and powerful. It supports multiple programming paradigms, including procedural, object-oriented, and functional programming. Python is often described as a "batteries included" language due to its comprehensive standard library.
- **Data science** is a multi-disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data.
- **Machine learning (ML)** which is the scientific study of algorithms and statistical models that computer systems use in order to perform a specific task effectively without using explicit instructions, relying on patterns and inference instead.

## Patron

**Dr. Mrs. S. S. Kulkarni**

Director, RIT

**Dr. S. K. Patil**

Dean, Academics

**Dr. A. C. Adamuthe**

HOD, CS & IT

## Program Coordinator

**Prof. M. N. Mulla**

Assistant Professor, CS & IT

Email: mohsin.mulla@ritindia.edu

Mob: 9881242893

## Resource Persons

**Mr. Tushar Kute**

Mitu Skillologies, Pune

**Mr. Aniket Thorave**

Mitu Skillologies, Pune

## Address for Correspondence

**Rajarambapu Institute of Technology, Rajaramnagar**

Islampur, Dist- Sangli, Maharashtra, India - 415414.

Tel : - +91 - 2342 – 220329 , 9970700700,

Fax : - +91 - 2342 – 220989.

## Objectives of Training

- To build technical competency in the domain of Data Science & Machine learning to meet the desired needs of current IT industry.
- To provide hands on experience of Python Programming & Training the data.
- Project Based Learning

## Course Content

- Python Programming: Installation and History, Language basics, Basic Syntax, Operators, Data Types, Input and Output statements, Decision Making, Tuples, Dictionary, Creating and using Functions, Creating Modules and Packages
- Data Science: Numerical Python, Data Visualization, Data Analytics
- Machine Learning: Machine Learning Algorithms, Decision Tree Classification, Unsupervised Learning, Data Science: Text Mining
- Mini Project

### Important Dates:

Interested participants should send their scanned registration form by email up to 12th June, 2019 and Hard Copy up to 15th June, 2019.

### Registration and Who Should Attend:

Registration fees for:

Faculty: Rs.2000/-

Students: Rs.800/-

### Accommodation:

Limited accommodation will be provided on paid basis.