

### Patron

Bro. Jose Thuruthiyil – Director SFIT  
Dr. Sincy George – Principal SFIT

### Convener

Dr. Joanne Gomes  
Head of the Department (INFT),SFIT

### Co-coordinators

Dr. Vaishali Jadhav  
Assistant Professor  
Email: [vaishalijadhav@sfitengg.org](mailto:vaishalijadhav@sfitengg.org)  
Contact No. 9920485662

Ms. Vandana Patil  
Assistant Professor  
Email: [vandanapatil@sfitengg.org](mailto:vandanapatil@sfitengg.org)  
Contact No. 9321134442

### Organizing Team

Ms. Nazneen Ansari	Mr. Bhavesh Pandya
Ms. Nitika Rai	Ms. Sonali Vaidya
Ms. Prachi Raut	Ms. Priyanca Gonsalves
Ms. Minal Lopes	Ms. Elizabeth George
Ms. Shree Jaswal	Ms. Monalisa Lopes
Ms. Grinal Menezes.	Ms. Snehal D'mello
Ms. Amrita Mathur	Ms. Renia Lopes
Mr. Vaibhav Kala	Ms. Lissa Rodrigues
Ms. Mrinmoyee Mukharjee	Ms. Nikita Tiwari
Ms. Alvina Alphonso	Ms. Kiran Isarani
	Ms. Monika Pal

### Supporting Staff

Mr. Pundalik Naik      Mr. Rajesh Gurav  
Ms. Jenet Alphanso    Ms. Kalyani Gavnang  
Mr. Gaurav Salvi

### Resource Persons

- ✦ Eminent Faculty from IITs and premier institutes
- ✦ Professional Industry Experts

### For Whom ?

- ✦ Faculty members and Academicians
- ✦ Researchers and Ph.D Scholars
- ✦ Practitioners from Industry

### Registration Procedure

#### Registration Fees: Rs. 2000/-

All candidates are required to confirm their participation by paying the above amount. The amount will be refunded to the participant after the valedictory function.

#### Account Details for NEFT:

**BENEFICIARY NAME:** ST. FRANCIS I.T.I A/C ENGG COLLEGE

**BANK NAME:** THE CATHOLIC SYRIAN BANK LTD

**A/C NO:** 033100479542190001

**IFSC CODE:** CSBK0000331

**BRANCH:** BORIVALI

Fill the registration form along with transaction ID of NEFT payment before 27<sup>th</sup> November 2017. Kindly follow this link for registration:

<http://www.sfitengg.org>

Number of seats is limited to 30 participants.

### Important Dates

Registration opens: 27<sup>th</sup> October 2017

Last day of registration: 27<sup>th</sup> November 2017

### Travel Allowance and Accommodation

No travel allowance and accommodation facility will be provided to the participants. However, on prior request, accommodation may be arranged.



## St. Francis Institute of Technology

### Department of Information Technology

#### Announces

AICTE Sponsored  
Two Week

Short Term Training Program

on

## “Analytics Essentials and Tools in Applied Research”

**November 27, 2017**

to

**December 08, 2017**

Mount Poincur, S.V.P. Road,  
Borivali (West), Mumbai 400 103.  
Ph. No. 022-28928585 / 28908585

<http://www.sfitengg.org>  
[inft\\_sttp2017@sfitengg.org](mailto:inft_sttp2017@sfitengg.org)

## About SFIT

St. Francis Institute of Technology was established in 1999 with a view to create Engineering Institute to fulfill the long felt need for an Institute of Excellence in Borivali. SFIT is a Roman Catholic Minority Educational Institute affiliated to the University of Mumbai, approved by AICTE and ISO 9001: 2008 certified and is NBA accredited till August 2018. At SFIT, we offer three UG Programs in the most coveted disciplines namely: Information Technology, Computer Engineering and Electronics & Tele communication engineering as well as PG and PhD programs in Computer Engineering and Electronics & Telecommunication Engineering.



## About the Department of IT

Department of IT was established in 1999 and currently offers a Bachelor's degree in IT (Intake: 120). The department consists of highly experienced faculty

members well supported by a competent non-teaching support team. The department strives to create a conducive environment for transforming the enrolled potential fresher into competent Information Technology professional or entrepreneurs with integrity and ethical value.

## About the Program

'Research' plays an important role in today's age. The use of statistical reasoning and methodology is indispensable in modern research oriented world. Much of the advanced research in engineering, information science, biology and genetics relies on the use of statistical or analytical tools. Statistics is the essential branch of mathematics that is not only studied theoretically by advanced mathematicians but also it is used by researchers in many fields to organize, analyze and summarize data.

This two week STTP program tries to improve basic statistical analytics concepts using recent analytics tools such as R and Python programming.

This program will give the participants an in-depth knowledge of statistical analysis and it will help to improve all participants' fluency in analyzing the data statistically. The participants will know how to visualize, analyze and interpret the data to make decisions. All the participants will be trained in interactive way and hence they will be able to solve real-world problems too. This workshop focuses on how statistics as a core binds with programming in analytical world.

## Objectives

- ✦ To facilitate the participants with in-depth knowledge of statistical analysis with the help of analytical tools such as R and Python programming.
- ✦ To improve the participant's fluency in analyzing the statistical data.
- ✦ To develop the ability to visualize, analyze and interpret the data while making decisions.
- ✦ To solve real world problems using analytical concepts and tools.

## Expected Outcome

After successful completion of this STTP, all the participants will be able to,

- ✦ use statistical tools to analyze data.
- ✦ install and use different libraries/packages from huge number of packages available in R.
- ✦ learn how to clean, visualize and analyze complex data.
- ✦ extract useful patterns from any data provided.
- ✦ learn the popular machine learning techniques for regression, classification as well as for prediction tasks.
- ✦ deal with real-world data problems with higher dimensions and complex relationships.
- ✦ solve the given assignments efficiently by considering the computational runtime along with using statistical tools.