

Patron

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

Convener

Dr. Gautam Shah
Head of the Department (EXTC), SFIT

Co-ordinators

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Organizing Team

Ms. Pallavi Patil
Ms. Jovita Serrao
Ms. Ramjee Yadav
Mr. Kevin D'souza
Ms. Afreenzehra Sayed
Ms. Nikita Jain
Mr. Swapnil Chilap
Mr. Sandip Dhende
Ms. Norita D'souza

Supporting Staff

Mr. Kiran Patil
Ms. Meenakshi Surve
Mr. Pradeep Ghadi

For Whom ?

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

Registration Procedure

Registration Fees:

- ✦ Participants from UGC approved institutions:
Rs. 4000/- (ISTE Members)
Rs. 4500/- (Non ISTE Members)
 - ✦ Participants from Industry / Others: Rs. 4500/-
- Fill the registration form along with Online payment/ NEFT details before 18th June 2018.
Link for registration: <http://www.sfitengg.org>

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

Number of seats is limited to 30 participants.

Important Dates

Registration opens: 11th May 2018
Last day of registration: 18th June 2018

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
**Electronics and Telecommunication
Engineering**

Announces

AICTE-ISTE Approved
One Week

Short Term Training Program

On

**“Commercial Trends in Antennas
and Microwave Technologies:
Inclination towards Start-Ups”**

June 25, 2018

to

June 29, 2018

Mount Painsur, S.V.P. Road,
Borivali (West), Mumbai 400103.
Ph. No. 022-28928585 / 28908585

<http://www.sfitengg.org>
ctamextc@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 June 2019. 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 Masters and PhD programs in Computer Engineering and Electronics & Telecommunication Engineering.



About the Department of EXTC

Department of EXTC was established in 1999 and currently offers a Bachelor's, Masters and Ph.D degrees. The department consists of highly experienced faculty members well supported by a competent non-teaching support team.

About the Program

As India moves towards 5G based services, the demand for MIMO antennas, miniaturized RF ceramic chip antennas and body-wearable antennas is likely to soar exponentially over the next decade. Designing systems for future technologies therefore requires expertise over software/EDA tools and chip design. Even phased-array antennas and radars relying on them are on the cutting edge of military radar technology. Even though India leads in the number of launched satellites, most of the microwave equipment and antennas in particular are imported. It is imperative to design in India and develop cost effective solutions in order to cater to a large population. On the other hand, at the backend, microwave networks need meticulous planning and spectrum management.

This one week program shall help participants to identify current and future market needs, research trends and emerging applications of Antennas and

RF/Microwave systems. They shall also be exposed to latest EDA tools used for design of RF/Microwave sub-system and antennas.

Objectives

- ✦ To motivate the participants towards initiating their own start-ups in RF/Microwave and antennas.
- ✦ To facilitate the participants with in-depth knowledge and hands-on training on design of contemporary microwave antennae.
- ✦ To bridge the gap between theory and practice through subject and industry experts.

Topics Covered

- ✦ Entrepreneurship in RF/Microwave sector
- ✦ Research opportunities in Antenna Design
- ✦ Metamaterial Applications
- ✦ Body wearable Antennas
- ✦ Design and analysis of UWB Antennas
- ✦ Radio Network Planning and Management

Eminent Speakers

- ✦ Dr. Girish Kumar, IIT Bombay
- ✦ Dr. S. V. Kulkarni, IIT Bombay
- ✦ Dr. Kushal Tuckley, AGV Systems
- ✦ Mr. Chirag Dadia, ATDI
- ✦ Dr. Amit Deshmukh, DJSCOE, Mumbai
- ✦ Dr. S. S. Mande, DBIT, Mumbai
- ✦ Dr. Avinash Vaidya, PCE, Navi Mumbai
- ✦ Dr. Shilpa Kharche, TEC, Navi Mumbai
- ✦ Mr. Pramod Bhawarthe, Research Scholar, SPIT