

FACULTY PROFILE

Ms. Jovita Serrao (jovitaserrao@sfitengg.org)

Assistant Professor
Department of Electronics and Telecommunication Engineering

❖ Date of Joining the Institute : **01/07/2013**

❖ Education :

1. M.E. Electronics and Telecommunication
Sardar Patel Institute of Technology, Andheri, 2014
Thesis Title: Design of Broadband Monopolar Patch Antenna
2. B.E. Electronics and Telecommunication
St. Francis Institute of Technology, Borivali, 2011
Project: Real Time Whiteboard Capture System

❖ Total Experience in Years : **4 Years**

A. Teaching : 4 Years

- Assistant professor: 04 years

❖ Courses Taught:

- Analog Electronics 1 (UG Level)
- Analog Electronics 2 (UG Level)
- Wave Theory and Propagation (UG Level)
- RF Circuits and Design (UG Level)
- RF Modeling and Antenna (UG Level)
- Fundamentals of Microwave Engineering (UG Level)
- Advanced Microwave Engineering (UG Level)

❖ Skill Sets:

- Application software: Matlab and Simulink, IE3D, HFSS, OptSim, PSpice.
- Computer language: C, C++, JAVA.

❖ Active Research in

- Design of broadband monopolar patch antenna

❖ **Publication & Conferences : 14**

a. Conference

International : 09

b. Journal

International : 05

❖ **Awards :**

- Got 1st Rank in M.E Electronics and Telecommunication 2014 in Mumbai University.
- JRD Tata Award for excellence in F.E. (2007-08), S.E. (2008-09) and T.E. (2009-10).

❖ **Professional Memberships :**

- IETE Corporate Member (AM 237189)

❖ **Projects Guided:**

- B.E. Projects: 2

❖ **Interaction with Professional Institutions :**

- University of Mumbai as Examiner

❖ **R&D Activities:**

A. Workshop, lecture series & Conferences Conducted:

- Workshop on LATEX at St. Francis Institute of Technology, 26th March, 2014
- Resource person for workshop on RF Filter Design organized by IEEE SFIT Student Branch at St. Francis Institute of Technology, on 24th September and 1st October 2014
- National Network Security Championship organized by SFIT-IETE in association with E-Cell IIT Kanpur, 5th and 6th March 2016

B. Continuing Education Programs

- Faculty Induction Program(FIP-11)(from July 04,2011 to July16,2011, Organized by SFIT, Borivli, Mumbai-400 103)
- Two-week ISTE Workshop on Signals and Systems, Conducted by IIT Kharagpur, under the National Mission on Education through ICT (MHRD, Govt. of India), 2nd to 12th January, 2014.
- Two-week ISTE Workshop on Computer Programming, conducted by IIT Kharagpur, under the National Mission on Education through ICT (MHRD, Govt. of India), 16th to 22nd June, 2014.
- Two-week ISTE Workshop on Computer Networks, conducted by IIT Powai, under the National Mission on Education through ICT (MHRD, Govt. of India), 31st June to 5th July, 2014.
- Two-week ISTE Workshop on Control Systems, Conducted by IIT Kharagpur, under the National Mission on Education through ICT (MHRD, Govt. of India), 2nd to 12th December, 2014.
- Two-week ISTE Workshop on Technical Communication, Conducted by IIT Bombay, under the National Mission on Education through ICT (MHRD, Govt. of India), 30th

November to 5th December 2015.

- Two-week Faculty Development Program on Advanced Technologies in Electronics Engineering by Sardar Patel Institute of Technology, Mumbai, 7th to 12th December 2015.
- 4 weeks NPTEL course on Basic Tools of Microwave Engineering, 14th March to 15th April 2016
- 8 weeks NPTEL course on Basic Electrical Circuits, 18th July to 9th September 2016.

10/01/2017
