

# **FACULTY PROFILE**

**Ms. Jovita Serrao** (jovitaserrao@sfitengg.org)

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Assistant Professor  
Department of Electronics and Telecommunication Engineering

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❖ 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 : **5.5 Years**

**A. Teaching : 5.5 Years**

- Assistant professor: 5.5 years

❖ Courses Taught:

- Electronic Devices and Circuits 1 & 2 (UG Level)
- Analog Electronics 1 & 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 : 15

**a. Conference**

International : 10

**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: 5

❖ 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, 26<sup>th</sup> March, 2014
- Resource person for workshop on RF Filter Design organized by IEEE SFIT Student Branch at St. Francis Institute of Technology, on 24<sup>th</sup> September and 1<sup>st</sup> October 2014
- National Network Security Championship organized by SFIT-IETE in association with E-Cell IIT Kanpur, 5<sup>th</sup> and 6<sup>th</sup> 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), 2<sup>nd</sup> to 12<sup>th</sup> 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), 16<sup>th</sup> to 22<sup>nd</sup> 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), 31<sup>st</sup> June to 5<sup>th</sup> 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), 2<sup>nd</sup> to 12<sup>th</sup> 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), 30<sup>th</sup>

- November to 5<sup>th</sup> December 2015.
- Two-week Faculty Development Program on Advanced Technologies in Electronics Engineering by Sardar Patel Institute of Technology, Mumbai, 7<sup>th</sup> to 12<sup>th</sup> December 2015.
  - 4 weeks NPTEL course on Basic Tools of Microwave Engineering, 14<sup>th</sup> March to 15<sup>th</sup> April 2016
  - 8 weeks NPTEL course on Basic Electrical Circuits, 18<sup>th</sup> July to 9<sup>th</sup> September 2016.
  - Two-week ISTE Workshop on CMOS, Mixed Signal and Radio Frequency VLSI Design, Conducted by IIT Kharagpur, under the National Mission on Education through ICT (MHRD, Govt. of India), 30<sup>th</sup> January to 4<sup>th</sup> February 2017.
  - Two-week AICTE approved Faculty Development Program on Foundation Program in ICT for Education, Conducted by IIT Bombay, under the PMMMNMSTT (MHRD, Govt. of India), 3<sup>rd</sup> August to 7<sup>th</sup> September 2017.

17/01/2018

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