

# FACULTY PROFILE

**Kavita A. Sakhardande** (kavitasakhardande@sfitengg.org)

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Assistant Professor  
Electronics and Telecommunication Department

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❖ Date of Joining the Institute : **11/06/2007**

❖ Education :

1. M.E. Electronics and Telecommunication  
Vivekanad Education Society's College of Engineering, 2007  
Thesis Title: A simple scheme for transmit diversity for wireless communication
2. B.E. Electronics  
Parshvanath College of Engineering, 2003  
Project: Single parity check product codes

❖ Total Experience in Years : **10 Years**

**A. Teaching : 10 Years**

- Assistant professor: 10 Years

❖ Courses Taught:

- Mobile and Wireless Communication (PG)
- Optical Fiber Communication and Networks (PG)
- Mobile Communication (UG)
- Wireless Networks (UG)
- Optical Fiber Communication (UG)
- Microprocessor and Microcontrollers I and II (UG)
- Basic Electrical and Electronics (UG)

❖ Skill Sets:

- Application software: Matlab
- Computer language: C and C++

❖ Active Research in

- MIMO systems

❖ **Publication & Conferences : 04 (Till Date)**

**a. Conference**

National : **01**

International : **01**

**b. Journal**

National : -

International : - **02**

❖ **Professional Memberships : ISTE, IETE, IEEE**

❖ **Projects Guided :**

- B.E Project: **15**

❖ **Academic Duties:**

- B.E. project Coordinator (2012-Present)
- NBA Co-coordinator: EXTC Department, SFIT
- Member (Institute Level Committee --- Women Development Cell/Internal Complaints Committee)

❖ **Interaction with Professional Institutions :**

- University of Mumbai as Examiner and Moderator

❖ **R&D Activities:**

**A. Workshop, Lecture series & Conferences Conducted**

- Faculty Induction Programme 2011, St. Francis Institute of Technology.

**B. Continuing Education Programs**

- 2 week ISTE Short Term Training Programme (STTP) on Technical Communication from 08<sup>th</sup> October to 5<sup>th</sup> December, 2015 at SFIT, Mumbai conducted by IIT Bombay under the National Mission on Education through ICT (MHRD).
- 2 week ISTE Workshop on Computer Networking, 28<sup>th</sup> May to 5<sup>th</sup> July, 2014, SFIT, Mumbai conducted by IITB under National Mission on Education through ICT (MHRD).
- 2 week ISTE Workshop on Computer Programming, 20<sup>th</sup> May to 21<sup>st</sup> June, 2014, SFIT, Mumbai conducted by IITB under National Mission on Education through ICT (MHRD).
- 2 week ISTE Workshop, Analog Electronics, June 4 - 14, 2013, SFIT, Mumbai conducted by IIT Kharagpur under the National Mission on Education through ICT (MHRD).
- 2 week ISTE Workshop, Signals and Systems, 2<sup>nd</sup> -12<sup>th</sup> January, 2014, SFIT, Mumbai conducted by IIT Kharagpur under the NMEICT (MHRD).
- Two days ISTE workshop on “Research Methods in Educational Technology” conducted by IIT Mumbai on 2<sup>nd</sup> and 9<sup>th</sup> of February, 2013.

- One day workshop on ‘Cadence-OrCAD EDA Technology’ held on 27<sup>th</sup> November, 2010 conducted by TSEC in collaboration with Advanced Micronic Devices Ltd, Mumbai.
- “Mission 10X” a five day ISTE workshop conducted by Wipro at Father Conceicao Rodrigues Institute of Technology (FCRIT), Vashi at Mumbai from 23<sup>rd</sup> November to 27<sup>th</sup> November, 2009.
- Two day workshop on ‘Embedded Systems’ held on 24<sup>th</sup> and 25<sup>th</sup> July, 2009 organized by D. J. Sanghvi COE, Mumbai.
- ISTE approved STTP on ‘Advances in Electrical Networks 08’ during 07<sup>th</sup> to 11<sup>th</sup> July, 2008 organized by Dept. of Electronics & Telecommunication Engg. at St. Francis Institute of Technology, Mumbai.
- One day workshop on ‘Microwave Communication’ held on 7<sup>th</sup> August, 2004 organized by Vivekanand Education Society’s Institute of Technology.
- ISTE approved STTP on ‘Faculty Induction Programme 07’ held during 11<sup>th</sup> to 23<sup>rd</sup> June, 2007 organized by St. Francis IOT, Mumbai.