# FACULTY PROFILE

## Nazneen Ansari (nazneenansarie@sfitengg.org)

Designation: Associate Professor
Department: Information Technology (INFT)

❖ **Date of joining the institute:** 02/08/1999

❖ **Education:**

1. Ph.D. (Tech.) in Information Technology
   Thadomal Shahani Engineering College (TSEC), Mumbai, (Pursuing)
   Dissertation title: Software engineering challenges for synchronizing ERP and BI software packages

2. M.E. (Information Technology)
   Vivekanand Institute of Technology (VESIT), Mumbai, 2006
   Thesis title: ERP package for an idealized enterprise

3. B.E. (Computer Technology)
   Priyadarshini College of Engineering (PCE), Nagpur, 1997
   Project title: Graphics editor in C++

❖ **Total experience in years:** 17 years (31/12/2016)

  ➢ **Teaching experience:** 17 years

  ▪ Associate Professor: 06 years
  ▪ Assistant Professor: 05 years
  ▪ Lecturer: 06 years

❖ **Courses taught:**

  ▪ Computer programming (UG level)
  ▪ Database management system (UG level)
  ▪ Data warehousing, mining, and business intelligence (UG level)
  ▪ Game architecture and programming (UG level)
  ▪ Cloud computing (UG level)
  ▪ Big data analytics (UG level)
  ▪ Human computer interaction (PG level)

❖ **Skill sets:**

- Computer languages: C, C++, Java, Prolog, Lisp, and Tcl
- Application software: PowerBuilder, Network Simulator (NS version 2), Weka, QlikView, GameMaker, Unity (game engine), Rational Rose (UML), Linux (Ubuntu), NetBeans, Visual Basic 6, JDK, Cloudera, and MongoDB.
- Database technologies: Oracle and MySQL

❖ **Research advisor in the field of**

- Information Technology (INFT)
- Computer Engineering (CMPN)

❖ **Active research in the field of**

- Data mining
- Cloud computing
- Big data analytics
- Software engineering
- Business intelligence
- Enterprise resource planning
- Game architecture and programming
- Database technologies

❖ **Publication and conferences (till date):**

a. **Conference**
International: **18**

b. **Journal**
International: **09**

❖ **Books published (till date): 01**
- Nazneen Ansari and Nishi Tiku, "Data Warehousing and Mining and Business Intelligence," 1st Edition, N. V. Maroo, Vipul Prakashan, 161, J. S. Seth Road, Mumbai, pp. 1–248, 2012.

➢ **Projects guided:**
   ❖ B.E. projects: 50
   ❖ M.E. projects: 04

❖ **Grants procured:**
Akash Tablet IIT-Bombay: INR 47000/-
- Project title: Performance monitoring for college result and placement using a dashboard
- Project title: Mumbai university mobile portal

❖ **Professional memberships:** ISTE and CSI
- CSI (LM) 00094435
- ISTE (LM) 48938

❖ **Academic responsibilities:**
- Member of unfair means committee at St. Francis Institute of Technology (SFIT), Mumbai.
- Deputy presiding officer for IIT-JEE exam at St. Francis Institute of Technology (SFIT), Mumbai.
- Joint chief conductor for University of Mumbai exams.
- Member of curriculum development council—University of Mumbai.
- Liaison officer for the approval of appointments of teaching faculty of UG and PG programmes from July 27, 2012 onwards.
- Treasurer of Information Technology Students Association (ITSA) in Department of Information Technology at St. Francis Institute of Technology (SFIT), Mumbai.
- Central assessment programme (CAP) coordinator to conduct assessment or moderation of answer books in May 2014.

❖ **Interaction with professional institutions:**
- University of Mumbai as examiner and moderator.
- University of Mumbai as paper setter.
- Narsee Monjee Institute of Management Studies (NMIMS) University—Examiner, paper setter, and moderator.

❖ **Research and development (R&D) activities:**

➢ **Workshops, lecture series, and conferences conducted**

- Organized an industrial visit to Apar Games, Malad on March 08, 2014.
- Organized a workshop on cloud computing at St. Francis Institute of Technology (SFIT), Mumbai on March 16–17, 2013.
- Organized a project orientation program for third-year information technology students at St. Francis Institute of Technology (SFIT), Mumbai on March 15, 2013.
- Organized a game development workshop using GameMaker tool at St. Francis Institute of Technology (SFIT), Mumbai on January 30, 2013.
- Organized a project management workshop at St. Francis Institute of Technology (SFIT), Mumbai on January 22, 2013.
- Organized an industrial visit to Infosys Technologies Ltd., Pune, India on October 6–7, 2012.
- Organized a seven-day workshop on industry integrated android programming at St. Francis Institute of Technology (SFIT), Mumbai.

➢ **Invited consultations**

- Object-oriented analysis at Vivekanand Education Society's Institute of Technology (VESIT), Polytechnic, Mumbai.
- Visiting faculty for M.S. courses, Mumbai at Birla Institute of Technology & Science (BITS) Pilani, Rajasthan.

- Session chair at National Conference on Technological Advancement and Automatization in Engineering (NCTAA 2016) on January 28–29, 2016 at Atharva College of Engineering (ACE), Malad, Mumbai.

- ➢ **Ongoing educational programs**

  **Attended short term training programs (STTP) on**

  - Advances in cloud computing at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on June 15–26, 2015.
  - Big data analytics at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on December 1–12, 2014.
  - Advanced web programming and cloud computing at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on December 2–13, 2013.
  - Indian Society for Technical Education (ISTE) workshop on introduction to research methodologies at Indian Institute of Technology (IIT) Bombay from June 24 to July 4, 2012.
  - $3^{rd}$ eye: a new angle of vision towards research at Rizvi College of Engineering, Bandra, Mumbai on July 18–23, 2011.
  - Gaming architecture design and programming at Fr. Conceicao Rodrigues Institute of Technology (FCRIT), Vashi, Mumbai on January 10–14, 2011.
  - Software testing and quality assurance at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on July12–16, 2010.
  - Financial accounting and technology innovation at Sardar Patel Institute of Technology (SPIT), Andheri, Mumbai on November 24–28, 2008.
  - Enterprise application service-oriented approach at Sardar Patel Institute of Technology (SPIT), Andheri, Mumbai on December 10–15, 2007.
  - Opportunities and trends in information system security at Don Bosco Institute of Technology, Kurla, Mumbai from November 20 to December 01, 2006.
  - Embedded DSP: design and applications at St. Francis Institute of Technology (SFIT), Mumbai on June 5–16, 2006.

- ➢ **Workshops attended**

  - Colloquium on "I.T. for Society" at St. Francis Institute of Technology (SFIT), Mumbai on January 29–30, 2016.
  - Software testing by Infosys Technologies Ltd. at Shri Ramdeobaba College of Engineering and Management, Nagpur on January 4–8, 2016.
  - Game development workshop using unity at Rizvi College of Engineering, Bandra, Mumbai on July17–18, 2014.
  - Cloud computing workshop at St. Francis Institute of Technology (SFIT), Mumbai on March 16–17, 2013.
  - Statistics for engineers at Fr. Conceicao Rodrigues College of Engineering (FCRCE), Bandra, Mumbai on September 27–28, 2013.

- Technical paper writing workshop at Sardar Patel Institute of Technology (SPIT), Andheri, Mumbai on July 21–22, 2011.
- Object-oriented analysis and design using unified modeling language with rational rose at International Business Machines (IBM) Corporation on May 19–23, 2011.
- Faculty development programme on research methodology at K.C. College of Engineering, Thane on September 17–18, 2010.
- Orientation program on data warehousing, mining, and business intelligence (DWMBI) at K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai on July 23, 2010.
- Faculty training and development programme at Airoli on December 11–18 2009.
- Workshop on Masters of Engineering in Information Technology at Fr. Conceicao Rodrigues College of Engineering (FCRCE), Bandra, Mumbai on September 18–19, 2009.
- Workshop on Java data structure at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on August 29–30, 2008.
- Fundamentals of circuit simulation at Sardar Patel Institute of Technology (SPIT), Andheri, Mumbai on August 28, 2008.
- Java 2 Enterprise Edition (J2EE) at Fr. Conceicao Rodrigues College of Engineering (FCRCE), Bandra, Mumbai on February 1–2, 2008.
- Seminar on project design at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on September 1, 2007.
- National level project showcase and competition at St. Francis Institute of Technology (SFIT), Mumbai on April 16–17, 2007.
- Programme on train the trainer program on system design at Infosys Technologies Ltd., Pune, India on March 21–23, 2007.
- IEEE International Conference on Electro/Information Technology at St. Francis Institute of Technology (SFIT), Mumbai on 4-6 2007.
- Course on mobile computing with recent trends and future challenges at Thakur College of Engineering and Technology (TCET), Kandivali, Mumbai on July 21–22, 2006.
- Seminar on software testing at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on April 1, 2006.
- National conference on Biomedical Engineering at Sardar Patel Institute of Technology (SPIT), Andheri, Mumbai on March 28–29, 2006.
- National conference on recent trends and challenges at Dwarkadas J. Sanghvi College of Engineering (DJSCE), Vile Parle, Mumbai on February 24–26, 2006.
- Course on computer networking at Thakur College of Engineering and Technology (TCET), Kandivali, Mumbai on January 28–29 2006.
- Java workshop at Vivekanand Education Society's Institute of Technology (VESIT), Chembur on August 16–21, 2004.
- Impact of globalization on women at University of Mumbai on March 07, 2003.
- Course on unified modeling language and rational rose at Sardar Patel Institute of Technology (SPIT), Andheri, Mumbai on January 29–31 2003.
- Very-large-scale integration (VLSI) design with VHSIC Hardware Description Language (VHDL) at Thadomal Shahani Engineering College (TSEC), Bandra,

Mumbai on September 14, 2002.

- Robotics at Fr. Conceicao Rodrigues Institute of Technology (FCRIT), Vashi in 2002.
- Networking and Linux at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on December 1–2, 2001.