

FACULTY PROFILE

Nazneen Ansari (nazneenansari@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:** 18 years (31/12/2017)

➤ **Teaching experience:** 18 years

- Associate Professor: 07 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, MongoDB, Google App Engine, and Hypervisor.
- 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: **20**

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.
- Vivian Brian Lobo and Nazneen Ansari, “Recapitulization of Tweets Using Graph-based Clustering” 1st Edition, LAP LAMBERT Academic Publishing, Saarbrücken, Germany, ISBN 978-613-7-32116-4, pp. 1–85, January 2018.

➤ **Projects guided:**

- ❖ B.E. projects: 55
- ❖ M.E. projects: 05

❖ **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:**

- Convener of hospitality committee for IT for Society: Colloquium at St. Francis Institute of Technology (SFIT), Mumbai, January 19–20, 2018.
- Member of registration and finance committee in Analytics Essentials and Tools in Applied Research Training Program (AICTE sponsored) at St. Francis Institute of Technology (SFIT), Mumbai, November 27 to December 08, 2017.
- Member of sponsorship and publicity committee in Analytics Essentials and Tools in Applied Research Training Program (AICTE sponsored) at St. Francis Institute of Technology (SFIT), Mumbai, November 27 to December 08, 2017.
- Mentor of 22 students (Batch 2016 to 2020) of B.E. (INFT B).
- Member of a project entitled “Solar Light” in collaboration with SFIT National Service Scheme (NSS) and INFT department and successful completion of the project on August 01, 2017.
- Member of placement committee at St. Francis Institute of Technology (SFIT), Mumbai, July 2017.
- Alumni committee convener at St. Francis Institute of Technology (SFIT), Mumbai, July 2017.
- Member of sports committee at St. Francis Institute of Technology (SFIT), Mumbai from January to May 2017.
- Member of finance and accounts committee in Communication System, Computing and IT Applications 2017 (CSCITA 2017) at St. Francis Institute of Technology (SFIT), Mumbai, April 07–08, 2017.
- Member of academic advisory committee of Information Technology (INFT) department at St. Francis Institute of Technology (SFIT), Mumbai from March 2017 onwards.
- Social responsibility activities carried out by Information Technology (INFT) Department by visiting Shanti Daan, Missionaries of Charity, Borivali (W) on March 04, 2017.
- Member of discipline committee in convocation ceremony 2017 at St. Francis Institute of Technology (SFIT), Mumbai, February 04, 2017.
- Member of price distribution committee in IRIS 2017 at St. Francis Institute of Technology (SFIT), Mumbai, February 01, 2017.
- Member of inauguration, valedictory, security, and prize distribution committee for a colloquium on “I.T. for Society” at St. Francis Institute of Technology (SFIT), Mumbai, January 20–21, 2017.
- Central assessment programme (CAP) coordinator to conduct assessment or moderation of answer books in May 2014.
- Treasurer of Information Technology Students Association (ITSA) in Department of Information Technology at St. Francis Institute of Technology (SFIT), Mumbai.
- 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.

❖ **Interaction with professional institutions:**

- Paper setter for K. J. Somaiya College of Engineering (KJSCE) (Autonomous), Vidyavihar, Mumbai, India.
- 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 placement guidance sessions for INFT students on March 08, 2017.
- Organized B.E. project orientation workshop for T.E. (INFT) students on March 08, 2017.
- Organized a visit to Mumbai traffic police, Worli, Mumbai on January 30, 2017.
- 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**

- 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.
- 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.

➤ **Ongoing educational programs**

Attended short term training programs (STTP) on

- Programming with Python and R (approved by AICTE-ISTE) organized by Department of Information Technology at Thadomal Shahani Engineering College (TSEC), Bandra, Mumbai on January 02–08, 2018.
- Academics of 21st century: An engineering education at Thakur College of Engineering and Technology (TCET), Kandivali, Mumbai on December 21, 2016.
- 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.
- 3rd 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 July 12–16, 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 19–20, 2018.
- Colloquium on “I.T. for Society” at St. Francis Institute of Technology (SFIT), Mumbai on January 20–21, 2017.
- 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 July 17–18, 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.
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