FACULTY PROFILE

Pradnya B. Rane (pradnyarane@sfitengg.org)

Assistant Professor
Computer Engineering

- ❖ Date of Joining the Institute : **19/12/2005**

- ❖ Education :

  1. M.Tech Computer Engineering
     Veermata Jijabai Technological Institute (VJTI), 2012
     Thesis Title: Transaction Security for E-Commerce Application

  2. B.E. Computer Engineering
     Sindhudurga Shikshan Prasarak Mandal(SSPM COE), 2005
     Project: Automated Vendor Machine

- ❖ Total Experience in Years : **11.5 Years (Till date)**

  A. Teaching : **11.5 Years**

    - Assistant professor: 7.5 years
    - Lecturer: 04 years

- ❖ Courses Taught:
    - Advanced Algorithms and Complexity (PG Level)
    - Database Management System(UG Level)
    - Operating System (UG Level)
    - Discrete Structure (UG Level)
    - Digital Logic Design and Application
    - Soft Computing

- ❖ Skill Sets:
    - Application software: Matlab and Simulink, ORACLE,
    - Computer language: C and C++

- ❖ Research Advisor in field of
    - Computer Engineering
    - Information Technology

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

a. Journal
International : **09**

❖ Awards :
  ▪ Got 3rd Rank in M.Tech Computer Engineering at VJTI in 2012.

❖ Professional Memberships : **ISTE**

❖ Projects Guided :
  ▪ M.E Project: **02**
  ▪ B.E Project: **14**

❖ Academic Duties:
  ▪ NBA co-coordinator: St. Francis Institute of technology(SFIT), Mumbai-400103
  ▪ ISO-Auditor: St. Francis Institute of technology(SFIT), Mumbai-400103

❖ Interaction with Professional Institutions :
  ▪ University of Mumbai as Examiner and Moderator
  ▪ University of Mumbai as Paper Setter

❖ R&D Activities:

A. Workshop, lecture series & Conferences Conducted:

  ▪ Infosys campus connect program lecture series on database management system and operating systems in 2013-14
  ▪ Coordinator for Faculty Induction Program in 2012.

B. Continuing Education Programs

  ▪ One week AICTE-ISTE approved under TEQIP phase II STTP on " INFORMATION SECURITY and FORENSIC ANALYSIS" from 21st – 25th September 2013 in VJTI, Matunga

  ▪ One week AICTE-ISTE approved under TEQIP phase II STTP on "Advances in Signal and Image Processing" from 26th -30th November 2012 in Government college of Engineering Jalgaon.

  ▪ Two days ISTE workshop on "Research Methods in Education Technology" conducted by Indian Institute of Technology, Mumbai on 2nd and 9th February 2013.

  ▪ Two week ISTE approved workshop on "Computer programming" conducted by Indian

Institute of Technology, Mumbai from 16th June – 21st June 2014.

- ISTE approved short-term training programme on "Image Processing Application: Basic to Advance (IPA-BA-2010)", SFIT, (11-15 Jan 2010)

- ISTE approved short-term training programme on "Marvels of Engineering through Matlab", from 28th January – 1st Feb 2008 in Rizvi College of Engineering, Bandra.

- Soft Computing Techniques, SFIT, (15-19 December 2008)

- Faculty Induction Program , SFIT, (19 June-1 July 2006)