FACULTY PROFILE

Safa Hamdare (safahamdare@sfitengg.org)

Assistant Professor
Computer Engineering

❖ Date of Joining the Institute : **02/07/2012**

❖ Education :

1. M.E in Information Technology
   Pillai's Institute of Technology, MU, 2011
   Thesis Title: Wireless Communication and Co-Existence for Smart Environment

2. B.E in Computer Engineering
   Pillai's Institute of Technology, MU, 2008
   Project: GIS for Oil Exploration (Outhouse project for ONGC Pvt. Ltd.)

❖ Total Experience in Years : **7 Years and 9 Months (01/07/2017)**

   A. Teaching : **7.9 Years**
   - Assistant professor: 4.4 years
   - Lecturer: 3.5 Years

❖ Courses Taught:
   - Robotics (UG Level)
   - Robotics & Artificial Intelligence (UG Level)
   - Multimedia System Design (UG Level)
   - Computer Networks (UG Level)
   - Advance Computer Networks (UG Level)
   - Database Management System (UG Level)
   - Advance Database Management System (UG Level)
   - Data Warehousing & Mining (UG Level)
   - Distributed Database Design (UG Level)
   - Open Source Software Laboratory (UG Level & PG Level)

❖ Skill Sets:
   - Application software: Application Software Tools & Databases: MS Office, Photoshop, Rational Rose, Oracle (8i, 10g), SQL Server 2005(Enterprise edition).

- Languages: C, SQL, VB 6.0, UNIX shell scripts, HTML.
- Platforms: Windows XP/98/95, 2000, NT, Red hat Linux.

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

❖ Active Research in
- Database
- Data Warehouse & data mining
- Network Security
- Robotic Application

❖ Publication & Conferences : **(01/07/2016)**

a. Conference   **b. Journal**
National   : **01**   International : **03**
International : **01**

❖ Books Published : **03 (01/07/2016)**
- Database Management System, IT Department as per Mumbai University, September 2014. ISBN 978- 93259-8113-3.
- "Wireless Smart Home Control System with Future Update Capability", with LAP LAMBERT Academic Publishing, 2014-11-12, ISBN-978-3-659-64988-2.
- Database Management System, Computers Department as per Mumbai University, January 2015. ISBN 978-93259-8437-0.

❖ Grants Fetched : **02 (01/07/2016)**
- Mumbai University, 2014-2015
- IIT Bombay, 2014-2015

❖ Awards :
- Achieved twice Bronze Partner Faculty recognition by Infosys under Inspire-The Campus Connect Faculty Partnership Model.
- Achieved 2nd position in Faculty Excellence Award 2014 Organized by Infosys Ltd. as a Content Guru.
- Got rank certificate for securing 1st Rank in M.E Information Technology 2012 in Mumbai University.

❖ Professional Memberships : **ISTE**

❖ Consultancy Activities : **Number and details**

❖ Projects Guided :
- B.E Project: **09**

❖ Academic Duties:
- Committee Member of Training & Placement, SFIT
- Committee Member of ECell (Entrepreneurship Cell), SFIT

❖ Interaction with Professional Institutions :
- University of Mumbai as Examiner and Moderator

❖ R&D Activities:

A. **Continuing Education Programs**

- Has worked as a member of Organizing Committee for "Faculty Induction Program FIP-17" from 3rd July t0 7th July organized by SFIT.
- Attended hands on Workshop on "Drupal" on 24th June 2017 at IIT Bombay, conducted by Spoken Tutorial & FOSSEE (IIT Bombay) and organized by CSI.
- Attended 2nd International Conference on Communication systems, Computing & IT Applications organized by SFIT on 7-8th April 2017.
- Attended 2 week ISTE Main workshop on "Introduction to Design of Algorithms" under National Mission on Education Through ICT(MHRD, Govt. of India) conducted by IIT Bombay from 27th April to 30th May 2015.
- Participated and attended webinars for IUCEE Inpods Project GENTLE.
- Attended 2 week ISTE Main workshop on "Cyber Security" under National Mission on Education Through ICT(MHRD, Govt. of India) conducted by IIT Bombay in July 2014.
- Attended 2 week ISTE Main workshop on "Computer Programming" under National Mission on Education Through ICT(MHRD, Govt. of India) conducted by IIT Bombay in June 2014.
- Attended 2 week AICTE Graded STTP on Virtualization, Cloud Computing & Big data Workshop conducted by Vidyalankar Institute of Technology in Dec 2013.
- Attended Two-week ISTE Main workshop on "Database Management System" under National Mission on Education Through ICT(MHRD, Govt. of India) conducted by IIT Bombay in June 2013.
- Attended 2 days' workshop on Research Methodology Workshop conducted by IIT Bombay in Feb 2013.
- Attended 5 day's Workshop Training on "Business Intelligence and Analytics" organized by ISTE from 4th – 9th August'2011.
- Attended 4 day's Workshop Training on "IBM Rational Suite" organized by IBM IT education Service from 6th – 9th December'2010.
- Attended One day STTP on "Linux Operating System" organized by Terna College of Engineering in association with Mumbai University, Navi Mumbai on 25th July 2010.
- Attended "Campus Connect Training Program" organized by Infosys. Secured third position for the same.