

FACULTY PROFILE

Afreenzehra Sayed (s.afreen110@gmail.com)

Assistant Professor
EXTC

❖ Date of Joining the Institute : **15/07/2013**

❖ Education :

1. M.E Electronics and Telecommunication
Thakur College of Engineering, Mumbai.
Dissertation Title: Implementation of Secured Optical Networks
2. B.E. Electronics and Telecommunication
M.H. Saboo Siddik College of Engineering, Mumbai,2012
Project: Environment Monitoring using Wireless Robot

❖ Total Experience in Years : **6 years**

A. Teaching : 6 years

- Teaching Assistant: 1 year
- Assistant Professor: 5 years

❖ Courses Taught:

- Basics of Electrical and Electronics Engineering (UG Level)
- Radar Engineering (UG Level)
- Satellite Communication (UG Level)
- Computer Communication Networks (UG Level)
- Software Simulation Laboratory (UG Level)
- Integrated Circuits (UG Level)
- Electronic Circuits and Communication Fundamentals (UG Level)

❖ Skill Sets:

- Application software: Matlab, Scilab, Cisco packet tracer software, VHDL, Optsim, AIMSPICE.
- Operating System: Linux(Ubuntu)
- Computer language: C and C++

❖ Publication & Conferences : 03

a. Conference

International : 1

b. Journal

International : 2

A. Interaction with Professional Institutions :

B. University of Mumbai as Examiner

C. R&D Activities:

D. Industrial Visit:

- Industrial visit to SAHAR Airport for the subject Radar Engineering (TE EXTC B) 2014
- Industrial visit to CETTM for the subject Optical Communication (BE EXTC A) on 26th September 2015.

E. Continuing Education Programs

- Two-day ISTE Workshop on Research methods in Educational technology, conducted by IIT Powai, under the National Mission on Education through ICT (MHRD, Govt. of India), on 2nd and 9th Feb 2013.
- Participated as a delegate in Engineering Colloquium organized by Thakur College of Engineering during 22nd and 23rd Feb 2013
- Two-week ISTE Workshop on Computer Networks, conducted by IIT Powai, under the National Mission on Education through ICT (MHRD, Govt. of India), 31st June to 5th July, 2014.
- Two-week ISTE Workshop on Control Systems, Conducted by IIT Kharagpur, under the National Mission on Education through ICT (MHRD, Govt. of India), 2nd to 12th December, 2014
- Workshop of NS2 during the academic year 2013-14.
- One-day Hands-on Training on CCN at S.P.I.T. Mumbai on 7th Feb 2015
- Google App Workshop by Mr. Yogesh Modak on 29th August 2015.
- Coordinator of Robotics Workshop organized by ARK Tech & Robocart.com in association with AMALGAM, IIT Madras on 12th and 13th Sept 2015
- Attended Quality Improvement Programme on Optical fiber/Wireless Communication and Network at IIT Delhi on 17th -19th Dec 2016.