

FACULTY PROFILE

Jayasudha Koti (jayasudhakoti@yahoo.co.in)

Associate Professor
Coordinator ME (EXTC)

❖ Date of Joining the Institute : **25/06/2005**

❖ Education :

1. Pursuing Ph.D.(Technology) in Electronics and Telecommunication Engineering
Thakur College of Engineering, Research Center , University of Mumbai
2. M.Tech Electronics
B M S College of Engineering, Bangalore, 2004
Thesis Title: STM-1 Regenerator
3. B.E. Electronics & Communication Engineering
Arulmigu Meenakshi Amman College of Engineering, Kancheepuram, 1993
Project: To control the vehicular tier rotations

❖ Total Experience in Years : **17.5 Years**

Teaching : **17.5 Years**

- Associate Professor: 5.5 years
- Assistant professor: 12 years

❖ Courses Taught:

- Basic Electrical and Electronics (UG/ PG Level)
- Electronic Devices and Circuits (UG level)
- Electrical Networks (UG Level)
- Electronic Instrumentation(UG Level)
- Signals and Systems (UG Level)
- Networking Technologies for Digital Devices(UG Level)
- Computer Communication Networks(UG Level)
- Internet Communication Engineering (UG Level)
- Wireless Networks (UG Level)
- Circuits and Transmission Lines (UG Level)
- Next Generation Networks (PG Level)
- Mobile and Wireless Communication(PG Level)

- Skill Sets:
- Application software: Matlab and Simulink, NS-2, SCILAB, ORCAD, PSpice.
- Computer language: C , C++ and Java

❖ Active Research in

- PAPR reduction techniques in Orthogonal Frequency Division Multiplexing

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

a. Conference

National : 04

International : 05

b. Journal

International : 02

❖ Grants Fetched : **01 (Till Date)**

- Minor Research Grant (University of Mumbai, 2014-15)

❖ Professional Memberships : **ISTE, IETE**

❖ Projects Guided :

- M.E Project: 02
- B.E Project: 10

❖ Academic Duties:

- Coordinator , PG Programe (ME-EXTC)

❖ Interaction with Professional Institutions :

- University of Mumbai, Moderator and Examiner University of Mumbai as Examiner and Moderator
- University of Mumbai, Member, Syllabus Revision committee in Electronics & Telecommunication Engineering.
- NMIMS , Moderator
- UPSC , Paper Setter
- Deemed University (Andhra Pradesh), Paper Setter

❖ R&D Activities:

A. Workshop, lecture series & Conferences Conducted:

- R&D lecture series

- National Conference on INFOCOM, 4 January 2007 to 6 January 2007.
- One week ISTE-STTP on 'Advances in Electrical Network' 2008
- Two Week ISTE workshop on 'Faculty Induction Program', 5 July 2010 to 16 July 2010.
- One day orientation program for the 'Experiments on Electrical Networks' on 6 August 2011.
- One Week ISTE-STTP on Mathematical and Computational Techniques in Engineering, on 26 March 2012 to 30 March 2012.
- Two week ISTE workshop on Computer Networking, 30 June 2014 to 5 July, 2014.

B. Continuing Education Programs

- Two week FDP on Pedagogy organized by SFIT, Mumbai 2005
- One week ISTE-STTP on 'Emerging Trends in Wireless Computer Networking' organized by RGIT, Mumbai 2006.
- One week "Course on Java with open source and IBM tools' organized by SPIT, Mumbai, 2007.
- One week MHRD/AICTE Summer School on "NBA Accreditation, Institution Building, Performance Appraisal and Staff Development" organized by Atharva College of Engineering, Mumbai, 2008.
- One week STTP on 'Best Practices in Network Simulator-2' organized by Xavier institute of Technology, Mumbai, 2010.
- One week ISTE on 'Image Processing Applications' organized by SFIT, Mumbai, 2010.
- Two week ISTE workshop on 'Introduction to Research Methodologies', conducted by IIT, Bombay, 2012.
- Two week ISTE workshop on 'Signals and Systems' conducted by IIT, Kharagpur, 2014.