

Faculty Profile



Name of Teaching Staff	: Mrs. Darshana N. Sankhe
Designation	: Assistant Professor
Department	: Electronics Engineering
Date of joining the Institution	: 17/08/2004
Qualifications with Class/ Grade:	B.Tech. (EXTC), I st Class with Distinction, SNTD University, May-2001. M.Tech. (EXTC), I st Class with Distinction (CGPA- 4), NMIMS University, May-2008.
Total Experience in years	: <u>Teaching</u> 12 years 4 months 1. Lecturer (Sr. Scale), D.J. Sanghvi College of Engg. from 01/10/2007 till date. 2. Lecturer, D.J. Sanghvi College of Engg. from 17/08/2004 to 30/09/2007. 3. Lecturer, PVPP College of Engg. from 10/02/2003 to 16/08/2004. 4. Lecturer, ITW, SNTD University from 18/02/2002 to 29/06/2002 & 16/08/2002 to 3/2/2003.

Papers Published

: National- 03

1. “Auto Step over control for Electro slag strip cladding”, TECHNOFOCUS Volume 1, No 1, 2010, pp 36-40 (Published).
2. “Emulation of Digital Circuits using FPGA”, TECHNOFOCUS Volume 1, Issue 2, March-2011, pp 10-13 (Published).
3. “Car Data Recorder” TECHNOFOCUS Volume 2, Issue 1, October -2011, pp 55-59 (Published).

International-

Papers Presented in Conferences

: National - 04

1. “Comparative study of Turbo Codes using rate 1/3 Constituent Convolutional Codes and Different Interleavers” , NCICT-2008, NMIMS , Mumbai
2. “Low power system design in modern VLSI”, Technoevolution-2K9, 3rd National Level Technical Colloquium, 29th Jan 2009, Pune.
3. “FPGA based Channelizer for Software Defined Radio”, National Conference on Communication Technology, Mumbai Oct 14th and 15th 2011.
4. “Home Automation Techniques”, National Conference on Communication Technology, Mumbai Oct 14th and 15th 2011.

International- 02

1. “Comparative study of Turbo Codes using rate 1/3 Constituent Convolutional Codes”, at International Conference on Optoelectronics, Information & Communication Technologies ICOICT-2009 at SCTCOE, Trivandrum, Kerala on 26th and 27th Feb 2009.
2. “FPGA Based FM Radio Receiver for Software Radio”, at International Conference on Instrumentation, ICI-2009, 21st to 23rd Jan 2010, Pune.

PhD Guide

:Field

University

PhDs /Masters Projects Guided

:

Professional Memberships

: ISTE

Consultancy Activities

:

Awards

:

1. Recipient of SVKM’s award for securing highest marks at M.Tech. (EXTC, Trimester I, II & III). Award includes certificate of appreciation and cash prize of Rs:25,000/-
2. Recipient of SVKM’s award for securing highest marks at M.Tech. (EXTC, Trimester IV, V & VI). Award includes certificate of appreciation and cash prize of Rs:25,000/-
3. Recipient of “Best paper award” at ICOICT-2009 at SCTCOE, Trivandrum, Kerala under “Wireless and Communication Technologies ” category.

Grants fetched

:

Interaction with Professional Institutions: