Faculty Profile

Name of Teaching Staff	: Mrs. Darshana Nimesh Sankhe
Designation	: Assistant Professor
Department	: Electronics Engineering
Date of joining the Institution	: 17/08/2004
Qualifications with Class/ Grade:	B.Tech. (EXTC),Ist Class with Distinction, SNDT University, May-2001.
	M.Tech. (EXTC), Ist Class with Distinction (CGPA- 4), NMIMS University, May-2008.

Total Experience in years : Teaching 15 years 10 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, SNDT 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.

2. "Emulation of Digital Circuits using FPGA", TECHNOFOCUS Volume 1, Issue 2, March-2011,pp 10-13.

3. "Car Data Recorder" TECHNOFOCUS Volume 2, Issue 1, October -2011, pp 55-59.

International- 01

1. "A comparative study of Floating Point Multipliers using Ripple carry adder and Carry Look ahead Adder", International Journal of Advanced Electrical & Electronics Engineering, Volume 5, Issue 3, 2016.

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- 04

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.

3. "Ripeness Inspection System for Banana", International Conference on Communication Technology, Mumbai Sept 25th and 26th 2015.

4. "HRV Analysis using Electrocardiographic Signal Processing", International Conference

on Communication Technology, Mumbai Sept 25th and 26th 2015.

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.

Achievements:

1. Member of organizing committee of two week ISTE approved STTP on "Signal processing and Communication Engineering", from 10th December 2007 to 20th December 2007, by Department of Electronics Engineering, D. J. Sanghvi College of Engineering, Mumbai.

2. Member of organising committee of one week ISTE approved STTP on "Microwaves & Antennas", from 10th January 2011 to 14th January 2011, by Department of Electronics and Telecommunication Engineering, D. J. Sanghvi College of Engineering, Mumbai.

3. Co-coordinator of "National Conference on Communication Technology", organized by Department of Electronics, EXTC and Bio-Medical Engineering, D. J. Sanghvi College of Engineering, Mumbai, Oct 14th and 15th 2011.

Responsibilities handled: --

1. NBA – Department Program Co-ordinator
2. Department Examination co-ordinator
3. BE - Project co-ordinator
4. Member - Library committee
5. Member - Women Development Cell