Name   : Mrs. Shweta N. Shah

Date of Birth   : December 13

Highest Qualifications: M.Tech. (Communication System)
                                   : Pursuing Ph.D.

Designation   : Assistant Professor in Electronics Engineering Department

Date of joining   : March 12, 2009

Research Areas of Interest: Wireless Communication, Multimedia Transmission, Mobile Networks

Research Publications

[1]	Ms Shweta shah, "Influence of the Human Motion on Wide Band Characteristics of the 60 GHz IRC", 2nd international conference on emerging trends in engineering and technology, ICETET, Nagpur, 2009. doi.ieeecomputersociety.org/10.1109/ICETET.2009.131
[2]	Mrs. Shweta shah, Dr. Mrs. Upena Dalal, " Survey on Commercial Digital Video Streaming Systems", Int. J. of Recent Trends in Engineering and Technology, ACEEE, Vol. 4, No. 4, pp. 120-124, Nov 2010. (Published)
[3]	Prof. S. N. Shah, Dr. Mrs. U. D. Dalal, "Evaluation of H.264 Suitability for DVB-H", 2nd International Conference on Innovative Computing and Communication and 2011 Asia-Pacific Conference on Information Technology and Ocean Engineering (CICC-ITOE 2011), Macao, China, March 5 – 6, 2011. (Published)
[4]	Mrs. Shweta shah, Dr. Mrs. Upena Dalal, "A Review on Terrestrial Multimedia Communication Using OFDM Technology", World Academy of Science, Engineering and Technology, (WASET 2011), Paris, France, July 27 – 29, 2011. (Presented & Published)
[5]	Mitul Prajapti, Prof. Shweta Shah, Dr. Mrs. Upena Dalal," Performance Analysis of Video Frame Transmission on DVB-H 4K Mode System for Different Code Rates ", International Journal of Electronics and Computer Science Engineering (IJECSE), Vol. 1, No. 2, pp. 364-369, Feb. 2012. (Accepted)
[6]	Richa bhatt, Prof. Shweta Shah, "Impact of Sampling Theorem on Pilot Aided Channel Estimation for OFDM Based Multi-Carrier System", International Conference on Advances in Electronics and Electrical Engineering, Bangkok, Thailand, 2012. **DOI:**

	10.3850/978-981-07-2683-6 AEEE-104
[7]	Prof. S. N. Shah, Dr. Mrs. U. D. Dalal, " Simulation Analysis of Image Transmission using Hierarchical Modulation based DVB-H System", 16th WSEAS International Conference on Communications, Kos Island, Greece, July 14-17, 2012. (Accepted).
[8]	Shweta Shah and U D Dalal. Article: Characteristic Analysis of Hierarchical and Non-Hierarchical Modulation for DVB-H. International Journal of Computer Applications 59(1):20-23, December 2012. **DOI: 10.5120/9513-3905 (**Published by Foundation of Computer Science, New York, USA.**)**
[9]	Darshna D.Jagiwala, Prof. S. N. Shah, "Analysis of Block Matching Algorithms for Motion Estimation in H.264 Video CODEC", IJSER, Dec. 2012 (Accepted)
[10]	Kajal H. Tailor[1], Prof. Shweta N. Shah, "A Review On Various Interference Effects In A MIMO-OFDM System", International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 1, January- 2013, ISSN: 2278-0181

Delivered Expert Lecture

Sr. No.	Program	Expert Lecture On	Month / Year
1	Two days workshop on MATLAB	Introduction to MATLAB and Application(Including practice session)	26th & 27th March 2011
2	Workshop on MATLAB & SIMULINK organized by SVNIT, Surat & VNSGU, Surat.	"Introduction to mathematical tool: MATLAB"	21 – 22 February - 2009
3	Two day workshop organized by IETE student forum at ECED, SVNIT, Surat	"MATLAB : data analysis & statistics"	28 – 29 March - 2009
4	One day workshop organized by IETE student forum at ECED, SVNIT, Surat	"Use Of Arbitrary And Conventional Function Generator"	21-11-2009
5	AICTE Sponsored national level Winter school on "Teaching with MATLAB and SIMULINK", ECED, SVNIT, Surat	1) "Teaching with MATLAB mathematical Toolbox" 2) Teaching Cellular Theory with MATLAB	21 – 25 December – 2009
6	AICTE sponsored staff development programme on "Advance laboratory Techniques in RF & Microwaves", ECED, SVNIT, Surat	Introduction to Empire XCcel Software	22 – 26 December – 2008
7	AICTE sponsored National level Summer School on "MICROWAVES INTEGTARED CIRCUITS", at ECED, SVNIT, Surat	Introduction and Application of Empire XCcel (Software)	June – 2008
8	TEQIP sponsored three days training programme at ECED, SVNIT, Surat	Introduction and Application to CommSim 7 (Software)	January - 2006