

Name of Teaching Staff : Prof.(Mrs.) Mrinal H. Patwardhan



Designation : Assistant Professor

Department : Electronics & Telecommunication Engineering

Date of Joining the Institution : 2.11.2004

Qualifications with Class / Grade : 1. M.E. (Electronics Engineering) in June 2003 with 1st class distinction 73.06% from University of Mumbai.
2. B.E. (Electronics & Telecommunication Engineering) in May 1995 with 1st Class distinction 71.64% from University of Mumbai.
3. Ph.D ,(Pursuing), I.I.T. Bombay.

Total Experience in Years : Teaching:16 years

1. Assistant Professor in D.J. Sanghvi College of Engineering from 2.11.2004 till date.
2. Lecturer, Usha Mittal Institute of Technology from 1.1.1999 to 1.11.2004.

Industry: 3 years

Executive Networks Division, Supreme Telecomm. Ltd. from 4.10.1995 to 14.12.1998.

Research:--

Papers Published : National:--

International:--

Papers Presented in Conferences : National: 4

1. Presented paper on "Next Generation Networks" at the National Conference of Information and Communication Technology: Recent Trends and Future Challenges, NCICT 2006 organized by SVKM, its DJSCOE, NMIMS Deemed University in association with University of Mumbai, IETE and ISTE during February 24-26, 2006.
2. Presented and published paper on "Design and Fabrication of Sinuous Antenna" at National Conference of Broad band Communication systems NCBS 2006 organized by Vishwakarma Institute of Information Technology, Pune-48 during September 2-3. 2006.
3. Presented paper on 'Image Encryption using Chaos' in the National Conference on Information & Communication Technology NCICT-2009 organized by NMIMS University, MPSTME, DJSCOE & SBMP, during 6th – 7th March, 2009.
4. "Image encryption using 3-D chaotic Maps", Technofocus Vol.1, Issue 2, March 2011.

Papers Presented in Conferences

: International:5

1. Presented paper on "Encryptions of Multiple Images using Chaotic Maps" selected for publication in the proceedings of "International Conference on Signal and Image Processing 2009" organized by VidyaVikas Institute of Engineering & Technology, Mysore, India from August, 12-15, 2009.
2. Teaching – Leaving with interactive visualization: How to choose the appropriate level IEEE International Conference on Technology Enhanced Education, Amrita University, Jan 3-5, 2012.
3. Pedagogical Analysis of content authoring tools for engineering curriculum, IEEE International Conference on Technology for education T4E 2012, I.I.T. Hyderabad, July 18-20, 2012.
4. Teaching with visualizations in classroom setting Mapping instructional strategies to instructional objectives, 5th IEEE International conference on Technology for Education(T4E) at IIT Kharagpur, 2013 IEEE Fifth International Conference on , vol., no., pp.176,183, 18-20 Dec. 2013
5. Paper accepted for Publication: Learning Design Framework for Constructive Strategic Alignment with Computer-based Visualizations, 14th International Conference on Computers in Education (ICCE) to be held at Nara, Japan from November 29th to December 3rd, 2014.

Papers published in International Journals

1. Review of various Adaptive Modulation and coding techniques in wireless networks, IJRET- International Journal of Research in Engineering and Technology, Volume 3, Issue 3, March 2014.
2. "Various Cooperative Diversity Protocols" in International Journal of Pure and Applied Research in Engineering and Technology IJPARE, 2014, Volume 2(9):51-59, April.

PhD Guide ? Give field & University

: Field:

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University:

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PhDs / Projects Guided	:	<u>PhDs</u> :	--
		<u>Projects at Masters level:</u>	--
Books Published / IPRs / Patents	:		--
Professional Memberships	:	ISTE, IETE	
Consultancy Activities	:	Conducted and worked as resource person for one week QIP program organised at IIT Bombay on "Effective Teaching Learning strategies for Engineering Education from June 24 th to 28 th 2013. Reviewer for International Conference on Technology for Education (T4E) 2013 organized at IIT Kharagpur (December 18-20 th , 2013)	--
Awards	:	Best teacher of the department award for the year 2007-08.	
Grants fetched	:		--
Interaction with Professional Institutions	:		--