

**ARMY INSTITUTE OF TECHNOLOGY
DIGHI HILLS, PUNE - 15**

STAFF PROFILE



Name of Teaching Staff	Dr.(Mrs) Sangeeta Jadhav			
Designation	Professor			
Department	Information Technology Department			
Date of Joining the Institution	01/ 01/ 1997			
Qualifications with Class/ Grade	UG - BE (E&TC) Distinction	PG - ME(E&TC) - Specialization - Instrumentation Distinction	PhD- (Electronics) Dr. BAM University	
Total Experience in Years	Teaching- 23 Yrs	Industry - Nil	Research - 08	
Paper Published	National - 03		International - 11	
National	03			
International	Int. Conferences-06/ Int. Journals -05			
Paper Published in Conference	National - 03		International - 06	
National	Sr. No.	Conference and Organizers	Title of Paper	Dates of Conferences
	1.	National Conference on Emerging Trends in Signal Processing and Approaches Communication.Org:MAEER-MAE ,Alandi,Pune	Blind Source Separation- and Applications - a review	27-29 Dec 2007
	2.	National Conference on Information and Communication TechnologyOrg: DJ Sanghvi College of Engg,Vile-	Biometrics-A Solution for Person Authentication	24-26 Feb 2006

	Parle(W), Mumbai		
3.	BIOCON-2005,National Conference on Emerging Trends in Biomedical. Org:: Bharti Vidyapeeth Deemed Univ . College of Engg.	Biometrics- A review	15-16 th Sep 2005

International Conference/Journals	<p>International Conferences</p> <p>1.Blind Source Separation: Trends of New Age - A Review Proc. of International Conference on Wireless, Mobile and Multimedia Networks, IET,Mumbai,India IEEE Explorer, ISBN: 978 0 86341 887 7,pp251-254,2008. <i>ieeexplore.ieee.org/iel5/4460810/4470048/04470127.pdf</i></p> <p>2. Digital Color Image Watermarking by Means of Blind Source Separation, Proc. of International Conference on Control, Automation, Communication and Energy Conservation-2009(INCACEC-09),Tamilnad, India,IEEE Explorer, ISBN 978-81-8424-439-7,pp. 163-166,2009 <i>ieeexplore.ieee.org/iel5/5191366/5204362/05204378.pdf?arnumber</i>.</p> <p>3.Blind Source Separation Based Digital Color Image -Adaptive Watermarking", Proc. of Fifth International Conference on Image and Graphics,(ICIG) Xian,China. IEEE Explorer,ISBN : 978-0-7695-3883-9,pp 13-17, Yr 2009. <i>www.computer.org/csdl/proceedings/icig/2009/3883/00/3883a013.pdf</i></p> <p>4.Digital Color Image - Adaptive Watermarking Using Blind Source Separation" Proc. of International Conference on Advances in Computer Vision and Information Technology ,(ACVIT-09),Aurangabad, India. ISBN-10: 9380026951 ISBN-13: 9789380026954. pp-193-201,Yr 2009.</p> <p>5.Blind Source Separation Based Robust Digital Image Watermarking Using Wavelet Domain Embedding" IEEE International conferences on Cybernetics & Intelligent Systems (CIS) & Robotics, Automation and Mechatronics (RAM) 2010 ,Singapore.28th June-30th June-2010. <i>ieeexplore.ieee.org/iel5/5507897/5518538/05518562.pdf?arnumber...</i></p> <p>6.Digital Color Image Watermarking System Using Blind Source Separation" International conference on digital image processing-2013,Bangaluru, India,20-21 Dec 2013. <i>airccj.org/CSCP/vol3/csit3911.pdf</i></p> <p>International Journals</p> <p>1. Robust Digital Image-Adaptive Watermarking Using Wavelet Domain Embedding and BSS based Extraction Technique"</p>
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	<p>International Journal of Engineering Research and Industrial Applications(IJERIA),ISSN 0974-1518,Vol.3,No. II, pp. 83-97,MAY 2010.</p> <p>www.aitpune.com/.../Robust%20Digital%20Image-Adaptive%20Waterm...</p> <p>2. Robust Digital Image-Adaptive Watermarking Using BSS Based Extraction Technique International Journal of Image Processing(IJIP),ISSN 1985-2304,Vol.(4),Issue (1),pp.77-88,March-2010.</p> <p>www.cscjournals.org/csc/manuscriptinfo.php?ManuscriptCode=72...</p> <p>3. "Insight on Using Non-Evolutionary Optimization Method to Estimate Mixing Matrix for BSS Based Digital Image Watermarking" ICGST International Journal on Graphics , Vision and Image Processing(GVIP) ,ISSN 1687-398X(print),Vol(11),Issue(1),pp 21-27, March- 2011.</p> <p>www.icgst.com/gvip/Volume11/Issue1/P1151043322.html</p> <p>4. "Digital Color Image-Adaptive Watermarking using Blind Source Separation" ,International Journal of Computer Science and Information Technology(IJCSIT),ISSN-0974-8385,Vol(3),No-2, pp 223-228, July-Dec- 2010.</p> <p>5. "A Review of BSS Based Digital Image Watermarking and Extraction Methods", IOSR Journal of Electronics and Communication Engg.,Vol 5, Issue 6, Mar-Apr 2013,pp 41-45.</p> <p>www.iosrjournals.org/ccount/click.php?id=4283</p>	
PhD Guide? Give field & University	Yes ,Signal and image processing	University-Pune
PhDs/Projects Guided/Evaluated	02	
Books Published/ IPRs/Patents	02	
Books	1.Title: - Digital Image Processing for BE(Electronics/E &TC) Publisher and Yr: Nirali, Pune, Yr-2008	

	P2.Title:- Electronic Product Design for BE (Electronics /E & TC)Publisher and Yr: Nirali, Pune, Yr-2006
IPRs	*nil
Patents	Patent Published at IPO on 'A Method of Digital Watermarking' at IPO. Patent No-1563/MUM/2011.
Professional Memberships	1. FIETE 2)Memeber IEEE 3. LMISTE
Consultancy Activities	Nil
Awards	02 1)Won Best Teacher Award twice at AIT in Yr2002 and Yr2010 2) Won Best Result Award for SE(E & TC)- Signals and System result in Yr2010-11
Grants Fetched	1.BCUD grant of Rs 850000 -as CI 2)Two times Travel Grants by
Interactions with Professional	BCUD, UOP to attend Conferences abroad. in Yr2009 and Yr. 2010 Interaction with professionals is part of my duty and carrying out it continuously.