

PROFILE

Name	Dimple S Maurya
Position & Affiliation	Assistant Professor, Department of ISE
Areas of Interest	Image Processing, Machine Learning
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Scopus ID	-
Professional Webpage (if any)	-

Educational Qualifications:

Ph.D	Nil		
MTech	NMIMS, University	India	2011
BE	Mumbai, University	India	2005

Areas of Research:

Image Processing, Alzheimer's Disease, Fingerprint Classification

Brief Profile: (write about yourself)

Prof. Dimple Maurya is working as an Assistant Professor in the Department of Information Science and Engineering. She graduated from Thakur College of Engineering and Technology, Mumbai University in 2005 and completed her masters in Information Technology from Mukesh Patel School of Technology Management and Engineering, NMIMS University in 2011. She is a passionate educator with over 10+ years of teaching experience in reputed institutions like Thakur College of Engineering and Technology, Fr. Conceicao Rodrigues College of Engineering (Bandra), Mukesh Patel School of Technology Management and Engineering, NMIMS University. She has worked as a corporate trainer in (SAP-ABAP) with SIEMENS and has experience in training small and large groups across diverse industries.

Add about setting up labs and consultancy (if any)

Guiding students at various levels (BE, MTech and PhD)

Guided students at BE level for final year project and published 3 papers with them

Awards/Achievements/Others:

- Gold medalist in M.Tech(I.T) at MPSTME, NMIMS University, Mumbai.
- Secured 14 th rank in Mumbai University for B.E(IT)
- Secured 1st prize in Level II, Category D at Manshodhan-II, research/project presentation competition, Mumbai University.

Courses Taught: C, C++, Java, MATLAB, Software Engineering, Automata Theory, Web Technology, Database Management System, Multimedia System, Distributed Computing, Soft Computing, Data Structures, Computer Networks

Publications/Patents:

Publications	1	Zia Saquib, Santosh Kumar Soni, Sweta Suhasaria, Dimple Parekh and Rekha Vig, “A FaultTolerant Approach for Detection of Singular Points in Noisy Fingerprint Images” , International Journal of Computer Science Issues (IJCSI), Volume 8, Issue 2, 2011.
	2	Rekha Vig and Dimple Parekh, “Review of Fingerprint Classification Methods based on Algorithmic Flow” , Journal of Biometrics, Volume 2, Issue 1, 2011.
	3	Rekha Vig and Dimple Parekh, “Review of Parameters of Fingerprint Classification Methods based on Algorithmic Flow” , Communications in Computer and Information Sciences, Advances in Computing and Information Technology (ACITY), Springer, 2011.
	4	Zia Saquib, Santosh Kumar Soni, Sweta Suhasaria, Dimple Parekh and Rekha Vig, “ A Multistage Detection and Elimination of Spurious Singular Points in Degraded Fingerprints” , International Journal of Computer Science and Information Security (IJCSIS), Vol. 9, No.5, May 2011. (Best Paper Award)
	5	Dimple Parekh, Rekha Vig, “Survey on Parameters of Fingerprint Classification Methods Based On Algorithmic Flow” , International Journal of Computer Science & Engineering Survey (IJCSES) Vol.2, No.3, August 2011.
	6	Dr. H.B.Kekre, Dr. Sudeep Thepade, Dimple Parekh, “Fingerprint Classification using KFCG Algorithm , International Journal of Computer Science and Information Security (IJCSIS), Vol. 9, No.12, December 2011.
	7	Dr. H.B.Kekre, Dr. Sudeep Thepade, Dimple Parekh, “Comparison of Fingerprint Classification using KFCG Algorithm with various window sizes and codebook sizes” , International Journal of Computer Application (IJCA), Vol. 46, No.17, May 2012.
	8	Dr. Sudeep Thepade, Dimple Parekh, Vinita Murthi, Siddharth Mantri, Bhavin Shah, “ Fingerprint Classification using KEVR Algorithm” , International Journal of Computer Application (IJCA), Vol. 45, No.18, May 2012.
	9	Dr. Sudeep Thepade, Dimple Parekh, Jinali Shah, Bhumin Shah, Paras Vora, “ Classification of Fingerprint using KMCG Algorithm” , International Journal of

	<p>Scientific and Technology Research (IJSTR), Vol. 1, Issue 6, July 2012.</p> <p>10 Dr. Sudeep Thepade, Dimple Parekh, Unnati Thapar, Vandana Tiwari, "LBG Algorithm for Fingerprint Classification", International Journal of Advances in Engineering and Technology (IJAET), Volume 4 Issue 1, September 2012.</p>
Patents	<i>NIL</i>
Book/Book Chapters	Fingerprint Classification - A Fusion Scheme, Lambert Academic Publishing

Research and Consultancy:

- Currently working on detecting Alzheimer's disease using EEG signals
- Detecting Chronic Kidney Disease