

STAFF PROFILE INFORMATION

	Name of Staff:-	Mrs. Manjusha N. Chavan
	Designation: -	Assistant Professor
	Qualification:-	M.E (Electronics), PhD (Registered)
	Area of Specialization:-	Signal and image processing, Pattern recognition
	Experience:	13 Years
	email id:-	manjusha.chavan@seti.edu.in
	Contact Number:-	9420506555

➤ **PAPER PUBLICATIONS:**

PAPER PUBLICATIONS: CONFERENCE-NATIONAL / INTERNATIONAL , JOURNAL

Sr. No	TITLE	JOURNAL / CONFERENCE	VOLUME	ISSN
1D.	Iris liveness Detection: A Review	Journal of Trend in Research and Development	3	2394-9333
2	Need Based Automatic Liquid Filling System With PH Indication	International Research Journal of Engineering and Technology (IRJET)	3	e-ISSN: 2395 -0056
3	Image Segmentation Technology in medical analysis : A Boon for detection of cancer	International Journal of Innovation in En-	--	2394-3696

		gineering Research and Technology		
4	Wavelet Shrinkage Techniques for Images	International Journal of Computer Applications	7	0975-8887
5	Wavelet Transform for removal of noise from speech signal	CIIT International journal of Digital Signal Processing	2	0974-9705
6	Studies on Implementation of wavelet for denoising Speech Signal	International Journal of Computer Applications	3	0975-8887
7	Wavelet transform for image noise reduction	CIIT International journal of Digital Image Processing	2	0974-9691
8	Implementation of SYMLET wavelets to removal of Gaussian additive noise from speech signal	Proceedings of the 10th International conference on Recent Researches in Communications, Automation, Signal Processing, Nanotechnology, Astronomy and Nuclear Physics	--	ISBN: 978-960-474-276-9
9	A Review of Iris Liveness Detection Methods”	ICIASP-2013		
10	Challenges Inherent in Building an Intelligent Paradigm for Tumor Detection Using Machine Learning Algorithms	Advances in Machine Learning and Data Science. Advances in Intelligent Systems and Computing	705	
11	Scaled Conjugate Gradient Algorithm and SVM for Iris Liveness Detection.	International Conference on ISMAC in Computational Vi-		

		sion and Bio-Engineering 2018 (IS-MAC-CVB). IS-MAC 2018. Lecture Notes in Computational Vision and Biomechanics, vol 30. Springer, Cham.		
12	Low-Dimensional Spectral Feature Fusion Model for Iris Image Validation	8th International Conference on Soft computing for problem Solving (SocPros), VIT, Vellore, 17th -19th December 2018 . (Published In AISC Springer, Singapore)	1057	
13	Application of Haar wavelet in speech denoising	National Symposium on Instrumentation (NSI-33), December 8-10, 2008.		
14	Denoising of speech signal using Daubechies wavelet	National conference on pervasive computing (NCPC-2010), 9-10 April-2010, SIT, Pune		

➤ **Research Contribution:**

Research Grants:(Details of grants received)

Nil

S. No.	Funding Agency	Year	Title of the project	Amount in Rs.
1				

➤ **Research IDs:**

1	Google scholar ID	BVfqJ 8AAAAJ
	Researcher ID	
3	ORCID ID	https://orcid.org/0000-0001-9739-7574?lang=en

➤ **Reviewer of**

1. --

2.--

➤ **Number of Ph. D. scholars guiding: Nil**

➤ **Book Published**

Book Chapters: 03

S. No.	Title of Book	Year	Name of Publisher	ISBN
1	Challenges Inherent in Building an Intelligent Paradigm for Tumor Detection Using Machine Learning Algorithms.	2018	Advances in Machine Learning and Data Science. Advances in Intelligent Systems and Computing, vol 705. Springer, Singapore	ISBN 978-981-10-8569-7.(e-book)
2	Scaled Conjugate Gradient Algorithm and SVM for Iris Liveness Detection	2019	Lecture Notes in Computational Vision and Biomechanics, vol 30. Cham. Springer	
3	Low-Dimensional Spectral Feature Fusion Model	2020	Soft Computing for Problem Solving. Advances in Intelligent Systems	

	for Iris Image Validation		and Computing Book series, AISC, Vol 1057. Springer	
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➤ **Member of Professional Bodies:**

- **ISTE LM76716**
- **IEAENG**

➤ **Achievements**

- 100% result of Mechatronics , B.E(Mechanical) (Year 2010-11)
- 100% result of Digital Signal Processing T E(E & TC)(Year 2012-13)
- 100% Result of Satellite Communication B.E (E & TC)(Year 2013-14,2014-15)
- 100 % Result of Image Processing B.E (2015-16)

➤ **Details of Faculty Development Programs(Workshop/Conference/Training Program)**

S. No.	Title of Program	Organized by (Venue)	Year	Duration
1	Advances and Research opportunities in E & TC Engineering	Department of E & TC Engineering, SVERI's college of Engineering Pandharpur.	2020	10 th -14 th June
2	Python	Department of E & TC Engineering, SKN Sinhgad College of Engineering Pandharpur in association with spoken tutorial by IIT Bombay.	2020	18 th to 23 rd May
3	Effective proposal writing for research and Funding	Department of E & TC Engineering Sandip Institute of Technology & Research Centre, Nashik in association with IEEE Women in Engineering.	2020	13th-18th May
4	Signal, Image and Video Processing: A practical	Department of E & TC Engineering, Government College of Engineering,	2020	23th-30th May

	Approach(SIVPAPA-2020)	Karad.		
5	Matlab 2018a Tools and its Engineering Applications	ADCET, Ashta	2018	24th-28th December
6	Deep Learning and Image Processing	MIT, Pune	2017	11 th to 16 th December
7	Image Processing	E-Infochips, Ahemadabad, At ADCET,Ashta	2016	25th Dec 2015-5 Jan
8	Research methodology & Latex	ADCET, Ashta	2014	13th to 18th Oct
9	Image Processing and soft computing Algorithm Implementations in Interdisciplinary area	DKTE Ichalkaranji.	2014	17th -19th & 24th -25th Jan.
10	Advances in Wireless Communication	ADCET, Ashta	2013	24th to 28th June
11	Numerical Methods For Engineers With Matlab	ADCET, Ashta	2012	17 th to 21 st December
12	Research Methodology in Engineering & Applied Sciences	ADCET, Ashta	2011	25 th April to 29 th April
13	Signal Processing Applications with Matlab	ADCET, Ashta	2010	27 th December to 31 st December
14	Hands on experience of virtual Instrumentation applications in Engineering and Technology	NIT, Warangal sponsored by MHRD	2009	7 th -13 th December
15	Embedded Systems and Applications	Core technologies Kolhapur	2008	15 th June – 30 th June

