

Arundhati Sudhir Mehendale

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Total Teaching Experience : 16 Years



Objective : Enthusiastic educator committed to delivering high-quality, engaging instruction in data science. Aiming to foster critical thinking, problem-solving, and technical excellence in students while contributing to curriculum development and interdisciplinary collaboration.

Educational Qualification :

Exam Passed	Class	Percentage	Year of Passing Month/Year	Name of Board/University	Medium through which studied	Subject of Specialization
Bachelor Degree	distinction	67.56 %	July, 2008	Shivaji University	English	Electronics Engineering
Master Degree	distinction	76.39 %	April 2013	Shivaji University	English	Electronics and Telecommunication
Ph.D.	Pursuing	-	-	Shivaji University	English	Electronics Engineering

Publications:

Sr.No.	Paper Title	Journal/Conference Name	ISSN Number Volume & Issue	Year	Impact Factor/Sponsored /Indexed by
1.	An Assistive System for Visually Impaired using Raspberry Pi	International Journal of Engineering Research and Technology	ISSN: 2278-0181 Vol. 8 Issue 05, May-2019	May, 2019	UGC approved,

2.	3D Holographic Display with Gesture Controller	International Journal of Engineering Science and Computing	Volume 9 Issue No.4	April, 2019	Published
3.	speaker recognition system and its applications	International Journal of Recent Technology and Engineering	ISSN:2277-3878, volume-8, Issue- 2	July,2019	UGC approved, SCOPUS Indexed
4.	Effect of Covid-19 on features of Speech Signal	PENSEE International Journal(UGC Approved journal)	Volume 51,issue -04-2021, Paper ID- PNS-0421-271,ISSN-0031-4773	May, 2021	UGC approved,
5.	Application of autoencoders in speaker recognition system in noisy environment	Journal of Integrated SCIENCE & TECHNOLOGY	J. Integr. Sci. Technol. 2024, 12(2), 742	October 2023	UGC CARED, SCPOUS Indexed
6.	Speaker Recognition Using Convolutional Autoencoder in Mismatch Condition with Small Dataset in Noisy Background	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering book series	LNICST,volume 536	January, 2024	SPRINGER SCOPUS indexed
7.	Exploring the Impact of Mismatch Conditions, Noisy Backgrounds, and Speaker Health on Convolutional Autoencoder-Based Speaker Recognition System with	EAI Endorsed Transactions on Scalable Information Systems	doi: 10.4108/eetis.5697	April 2024	Q2, Scopus indexed Journal

	Limited Dataset				
8.	Speaker recognition system using different feature extraction techniques using autoencoder	AIP Conf. Proc	3131 (1): 020009. doi.org/10.1063/5.0229785	September, 2024	Scopus indexed
9.	Feature extraction using WT and Euclidean Distance for speaker recognition system	IEEE conference at VIT Pune.	pp. 145-147, doi: 10.1109/I4Tech48345.2020.9102683.	February, 2020	Paper Presented and Published on IEEE Explore
10.	Speaker Recognition using CNN	National conference NCRTET-22		June, 2022	Paper Presented and Conference proceeding in process
11.	Speaker recognition system using CNN in noisy environment	IEEE conference at Noida	pp. 504-507, doi: 10.1109/ICSC56524.2022.10009544	December, 2022	Paper Presented and Published on IEEE Explore
12.	Speaker Recognition using Autoencoder in mismatch condition in noisy background	EAI IC4S 2023, Springer Conference at Andhra Pradesh	doi.org/10.1007/978-3-031-48888-7_27	August, 2023	Paper Presented in Conference and published
13.	Speaker Recognition System using Different Feature Extraction Techniques using Autoencoder	(UTCA 2023) organized by Department of Electronics & Communication Engineering, Nagarjuna College of Engineering and	doi.org/10.1063/5.0229785	October, 2023	Paper Presented, AIP, SCOPUS Indexed.

		Technology, Bengaluru, India			
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