

Faculty Profile

Name Ms. Bhakti D. Kadam
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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D. (Pursuing)	MKSSS's Cummins College of Engineering for Women, SPPU, Pune, India.	
Master of Technology (M. Tech.) Digital Systems.	College of Engineering, SPPU, Pune, India.	2014
Bachelor of Engineering (B.E.) E&TC Engg.	Pune Institute of Computer Technology, SPPU, Pune, India	2011

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor, Pune Institute of Computer Technology, Pune.	1 st January 2021 - Present
2	Assistant Professor, Vishwakarma Institute of Technology, Pune.	15 th July 2019 to 31 st May 2020
3	Assistant Professor, Vishwakarma Institute of Technology, Pune.	8 th July 2014 to 31 st May 2019

Research Publications

Sr. No.	Title	Publication/Conference
1	Multi-head attention with reinforcement learning for supervised video summarization	Journal of Electronic Imaging, vol. 33, no. 5, 2024. https://doi.org/10.1117/1.JEI.33.5.053010 (SCIE Indexed Q3 Journal)
2	Query-attentive video summarization: a comprehensive review	Multimedia Tools and Applications, pp. 1-40, 2024 https://doi.org/10.1007/s11042-024-19977-0 (Scopus Indexed Q1 Journal)
3	Leveraging 3D Convolutional	Indonesian Journal of Electrical Engineering and

	Networks for Effective Video Feature Extraction in Video Summarization	Computer Science, [S.l.], v. 37, n. 3, p. 1616-1625, mar. 2025. http://doi.org/10.11591/ijeecs.v37.i3.pp1616-1625 (Scopus Indexed Q3 Journal)
4	Query-Based Text Summarization: A Comparative Investigation and TextRank Implementation	5th International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications. ICMISC 2024, Lecture Notes in Networks and Systems, vol 1181, Springer, Singapore. https://doi.org/10.1007/978-981-97-8861-3_20
5	Video Activity Classification: A Comparative Analysis and Deep Learning Based Implementation	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS), Bangalore, India, 2024, pp. 1-6. https://ieeexplore.ieee.org/document/10625012
6	A Comparative Investigation of Deep Feature Extraction Techniques for Video Summarization	Next Generation Systems and Networks: Proceedings of BITS EEE CON 2022, pp. 459-468, 2023. https://doi.org/10.1007/978-981-99-0483-9_37

Books Published: --

Sr. No.	Title	Publisher & Year

Conferences / Seminars Attended: --

Sr. No.	Conference/Seminar	Year

Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	Recipient of VIT SHRI 2019 Award- Top 10 faculty based on Overall Student Feedback.	2019

Areas of Interest

Sr. No.	Area
1	Computer Vision
2	Deep Learning
3	Machine Learning
4	Signal Processing