

Faculty Profile

Name Dr. Mukta Sunil Takalikar
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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D.	RTM Nagpur University	2021
M.E. (Computer Engg.)	Government College of Engg. Pune (C.O.E.P)	2005
P.G.D.B.M.	Bharatiya Vidya Bhavan Mumbai	1996
B.E. (Computer Science & Engg.)	S.G.G.S.C.O.E.T. Nanded	1993

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Associate Professor, PICT Pune	2022 - Present
2	Assistant Professor, PICT Pune	2007 - 2022
3	Lecturer, PICT Pune	1996 - 2007

Research Publications

Sr. No.	Title	Publication/Conference
1	Survey on Improving the Efficiency of Long Document Classification	Computer Research and Development journal 2025
2	Language augmentation approach for code-mixed text classification	ScienceDirect Natural Language Processing Journal 2023
3	MUSICAL FREQUENCY NOTE DETECTION	Journal PIJET 2023
4	DL Based Speech to Text Converter for Audio Visual Applications	IEEE ICTBIG Conference 2023
5	Applied Single Image Super-Resolution for Aerial Imagery Enhancement	IEEE Global Conference on Computing, Power and

		Communication Technologies (GlobConPT). 2022
6	DeCloud GAN: An Advanced Generative Adversarial Network for Removing Cloud Cover in Optical Remote Sensing Imagery	ACM Conference CIIS 2021

Consultancy Work

Sr. No.	Description	Duration and Amount
1	Industry Consultancy 1	2022-23 INR 3 Lacs
2	Industry Consultancy 2	2023-24 INR 3 Lacs

Intellectual Property Rights

Sr. No.	Description	Duration and Status
1	Indian Patent - "Method and System for Content Based Image Retrieval Using Ensemble Learning"	Status: Published Application No. 202421042745 2024

Books/Book Chapter Published

Sr. No.	Title of Book Chapter	Publisher & Year
1	Contextual Recommendation and Summary of Enterprise Communication - Part of Book series Algorithms for Intelligent Systems	Springer 2020
2	Segmented -Greedy for Solving a Redesigned Multi-arm Bandit Environment	LNNS : Springer Proceedings of International Conference on Advances in Data-driven Computing and Intelligent Systems ADCIS 2023

Resource Person /Reviewer at Conferences

Sr. No.	Description	Year
1	Invited Resource Person for NLP assignments in LP-VI -Faculty Orientation Program	2023
2	Conference Paper Reviewer - ICEI	2022
3	Conference Paper Reviewer IEEE IATMSI-2022	2022
4	Conference Paper Reviewer ICAIEE - 2022	2020

Workshops /FDP s Attended

Sr. No.	Conference/Seminar	Year
1	Workshop on Multidisciplinary Education for Computer Engineering	2024
2	Faculty Development Programme on NEP 2020 Orientation & Sensitization	2024
3	Training of Trainer: Augmented & Virtual Reality	2023
4	INNOVATIVE TEACHING STRATEGIES AND TOOLS IN THE Digital Age	2023

Major Responsibilities at PICT

Sr. No.	Responsibility	Year
1	Dean - Student Affairs	May 2024 till date
2	Head of Department - Computer Engineering	October 2019 till April 2022
3	Institute Autonomy Coordinator	Jan 2023 onwards

Awards & Recognitions

Sr. No.	Awards	Year
1	Best Paper Award for paper "Women Empowerment in Finance: A Catalyst for Economic Growth" at ICGEWE	2023
2	NPTEL Silver + Elite Certificate for course "Accreditation and Outcome based Learning"	2022

Areas of Interest

Sr. No.	Area
1	Multidisciplinary Natural Language Processing
2	Data Science
3	Computer Graphics, Augmented Reality & Virtual Reality
4	Software Engineering

Other Activities

Sr. No.	Description	Year
1	Member of Academic Council of PICT	2024-25 till 2026-27
2	Participated in Loksabha and Vidhansabha Election Duties	2024 and earlier twice
3	Member BoS - Artificial Intelligence & Data Science	2024-25 till 2026-27

	at PICT	
4	Member BoS - Computer Engineering at PICT	2024-25 till 2026-27
5	Training In-charge under Training and Placement Cell of PICT	2006-2009
6	Placement In-charge under Training and Placement Cell of PICT	2009-2012
7	Member Local Management Committee (LMC) - PICT	August 2011 - August 2016
8	Member ICC	
9	In-charge of Cultural Activity Committee at PICT	Since 2013 till date
10	ISO CACMT Process Owner ISO internal Auditor	2013 onwards July 2004 onwards