AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय
An Autonomous Institute Affiliated with
Savitribai Phule Pune University
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes

Department of First Year Engineering

Faculty Profile



Ms. M D Katole

M.Tech (Software Engineering)

Assistant Professor in Fundamentals of computer science & engineering

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meenalkatole1999@gmail.com

☎ 9156018158

Research Areas / Areas of Interest

Diabetic retinopathy detection using CNN

Software engineering

Database and management system

Personal Details

Date of Birth :	05 / 10 / 1999	**Domicile:**	Maharashtra
Gender :	Female	**Blood Group:**	AB+ve

Contact Details: Teacher colony, Bamni, Tal.Ballarpur, Dist.Chandrapur – 442701

Academic Background

S. N0.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.Tech	Software Engineering	Mumbai Univ.(VJTI)	Distinction	June 2025
2	B.E	CSE	SGBAU	First Class	June 2022

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	00	01
2	Research	00	00
3	Industry	00	00
4	Others [Teaching Assistant (TA)]	02	00
Total		**02**	**01**

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Fundamentals of computer science & engineering	UG	FE	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	00	02	00	00	--
Conferences	00	00	00	00	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	Transfer learning model with ensemble learning to detect diabetic retinopathy from retinal images, enhancing early diagnosis: A Survey	Meenal Katole, Prof. Pramila M Chawan	2024	International Research Journal of Engineering and Technology (IRJET), 73-76.	e-ISSN: 2395-0056 p-ISSN: 2395-0072	Fast Track Publications
2	CNN-based architecture with attention mechanisms for enhanced diabetic retinopathy detection and classification	Meenal Katole, Prof. Pramila M Chawan	2025	International Research Journal of Engineering and Technology (IRJET), 823-829.	e-ISSN: 2395-0056 p-ISSN: 2395-0072	Fast Track Publications

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	-	-

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1		-	-	-	-

Details of Worshop / STTP / FDP / Seminar / Conferences Organized

S. No	Program	Duration	Funding Agency	Grant Amount
1	-	-	-	-
2				

Research Grants Received

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
1	-	-	-	-	-
2					

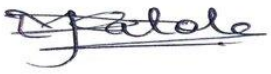
Details of Worshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Designing Outcome-Based Question Papers	Workshop	17/10/2026 to 17/10/2026 = 01 day	AISSMS, College of Engineering, Pune	-

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Worked as a “Mentor Faculty, FE Students”

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.



Ms. M D Katole