



Department of Computer Engineering

Faculty Profile

Prof. Vijaylaxmi Patil

ME (Computer Science & Engineering)

Assistant Professor

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Research Areas / Areas of Interest

Artificial Intelligence, Machine Learning, Data Structures, Operating Systems.

Personal Details

Date of Birth : 10 /07/ 1992

Domicile: Maharashtra

Gender : Female

Blood Group: O+ve

Academic Background

Sr. No.	Qualification	Specialization	University	Class/Grade	Year of Passing
1.	M.E	Computer Science & Engineering	SPPU	1 ST Class with Distinction (9.18 cgpa)	2025
2.	B.E	Computer Science & Engineering	VTU	1 st Class	2014

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	4	00
2	Research	00	00
3	Industry	01	00
4.	Others	00	06
Total		05	06

Subjects / Courses Taught

S. No.	Subject	UG/ PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1.	System Programming and Operating System	UG	TE	1
2.	Computer Organization and Microprocessor	UG	SE(2024 PAT)	1
3.	BlockChain Technology	UG	BE	1

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved

Journals		3	pune		
Conferences		1	pune		

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	AI Based Smart Interview System	Vijaylaxmi	2025	International Journal of Innovative Research in Science, Engineering and Technology	ISSN: 2319-8753	IJRSET Journal
2	Explainable Multilingual Deep Text Clustering Using Transformer-Based Semantic Alignment	Vijaylaxmi	2026	International Journal of Advanced Research in Science, Communication and Technology		10.48175/IJAR SCT-32649
3	Elderly Monitoring System Using Computer Vision and Machine Learning	Vijaylaxmi	2026	International Journal of Advanced Research in Science, Communication and Technology		10.48175/IJAR SCT-32352
4	AI-Based Elderly Monitoring and Fall Detection System Using Computer Vision	Vijaylaxmi	2026	1st International Conference On “Recent Advances in Computer Engineering” [ICRACE 2026]	ISSN: 2347-3649	[ICRACE 2026]

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer
1	“RECENT TRENDS IN MULTIDISCIPLINARY RESEARCH (Season – 3)“	Workshop	29-April-2024 to 03-May-2024.	with IEEE Computer Society Pune Local Chapter,
2	Cognitive Computing for Smart Applications	Workshop	18-August 2024 to 22-August 2024	VIT AI&DS dept, Pune
3	Generative AI & Applications	Workshop	7 th July to 11 th July 2025	AISSMS,IOT,PUNE
4	Advances in augmented & virtual reality blockchain	1 week	29 th Sept to 4 th Oct	VIT(IEEE)
5	Generative AI Applications	5 days	7 th to 11 th July 2025	AISSMS IOIT
6	AI for Sustainable Development Goals	1 week	1 st to 5 th Dec 2025	VIT(IEEE
7	Cyber Defense Tools	1 week	22 nd to 27 th Dec 2025	MMCOE
8	Techno-Socio Impact of AI	1 week	9 th to 14 th Feb	AISSMSCOE
9	Foundation of Deep Learning	1 week	2 nd to 7 th March 2026	AISSMSCOE
10	Laws for Engineers(Workshop)	2 days	7 th to 8 th march	IOE pune local center

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	GFM
2	Mentor
3	Project Mentor
4	Seminar Coordinator
5	External Examine
6	Interanl Examine
7	Insem papers Assessor

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

Vijaylaxmi Prashant Patil