

# Faculty Profile

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## Educational Qualifications

Degree	University	Year of Passing
M.E. Computer (Grade: Distinction)	Savitribai Phule Pune University	2019
B.E. Computer (Grade: Distinction)	Savitribai Phule Pune University	2017

## Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor (Computer Engineering), SCTR's Pune Institute of Computer Technology, Pune (Full-time)	2022 - Present
2	Assistant Professor (Artificial Intelligence & Data Science), AISSMS Institute of Information Technology, Pune (Full-time)	2021 - 2022
3	Assistant Professor (Computer & IT Engineering), G. H. Rasoni Institute of Engineering & Technology, Pune (Full-time)	2021
4	HR Manager & Technical Reviewer, {ATGWorld Pvt. Ltd, Banao Technologies Pvt. Ltd. & Employed India Pvt. Ltd.} (Part-time)	2020-2021
5	Open Source Contributor-Machine Learning, DevIncept Pvt. Ltd. (Part-time)	2021
6.	Data Science & Business Analytics Engineer, The Sparks Foundation (Part-time)	2021
7	Machine Learning Researcher, Pianalytix Pvt. Ltd. (Part-time)	2020

8	HR Manager Lawnics Technologies Pvt. Ltd. (Part-time)	2020
9	Student Counselor, Careers 360 Pvt. Ltd. (Part-time)	2019
10	Faculty, Reanas EduTech Pvt. Ltd. (Part-time)	2019
11	IT Recruiter, Team4Progress Pvt. Ltd. (Part-time)	2019
12	Jr. Software Engineer (Part-time) Globeminds Technologies Pvt. Ltd. (Part-time)	2017- 2018

### Research Publications

Sr. No.	Title	Publication
1	Campus Placements Prediction & Analysis Using Machine Learning	IEEE
2	Student's Performance Prediction using Decision Tree Regressor	Springer
3	Real Time Face Recognition Based Attendance System using Multi Task Cascaded Convolutional Neural Network	IEEE
4	Schizophrenia Detection using Deep Graph Convolutional Neural Network and Advanced Biomarker Identification	Springer
5	Levegering Blockchain and Interplanetary File System for Immutable Record Keeping of Intellectual Property and Will Documents	AIP
6	Automated Essay Grading using LDA Optimized LSTM-ALM	Elsevier
7	Flight Delay Prediction Using LSTM & XGBoost	Elsevier
8	Real-Time Attendance System using Machine Learning Algorithms & Bluetooth	AIP
9	Enhanced Intellectual Property and Death Will Protection Using Blockchain and OCR-Based Text Extraction	JETIR
10	Depression Detection from Social Media using Bidirectional Encoder Representations from Transformers & Convolutional Neural Network	JETIR
11	A Survey on Regression Algorithms in Machine Learning	BTH
12	Forecasting India's GDP using various Regression Algorithms	IRJET
13	Comparative Analysis of Early Stage Cancer Detection Methods in Machine Learning	IRJET
14	Student's Career Interest Prediction using Machine Learning	IRJET
15	A Survey on Face Recognition Techniques in Machine Learning	IJSRCSEIT

16	Real Time Object Detection using YOLO	IJRAR
17	Fake News Detection using Natural Language Processing and Ensemble Learning	IJRAR
18	A Comparative Study of Various Machine Learning Techniques for Brain Tumor Detection.	IRJET
19	A Survey on Book Recommendation Systems	IJARESM
20	Detection of Fake Profiles on Twitter using Random Forest and Deep Convolutional Neural Network.	IJMTE
21	Identification of Fake vs. Real Identities on Social Media using Random Forest and Deep Convolutional Neural Network	JETIR
22	A Survey on Classification Techniques to Determine Fake vs. Real Identities on Social Media Platforms.	IJRDT
23	Ontology Based Information Retrieval System Using Multiple Queries For Academic Library.	IRJET
24	Ontology Based Information Retrieval System Using Multiple Query	IJRCCE
25	Data Pre-processing	Pianalytix
26	Activation functions in Neural Networks	Pianalytix
27	Identification of High Credit Risk Customers using Machine Learning	Pianalytix
28	Deep Learning	Pianalytix
29	Identification of Fake vs. Real Identities on Social Media using Random Forest Algorithm	cpgCon
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### Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
1	5 <sup>th</sup> International Conference on Current Trends in Materials Science and Engineering (CTMSE)	2025
2	3 <sup>rd</sup> International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC)	2023
3	5 <sup>th</sup> IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI)	2023
4	1 <sup>st</sup> International Conference on Advanced Optimization Techniques and Applications (AOTA)	2023
5	4 <sup>th</sup> IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI)	2022
6	Woman in Data Science (WiDS) Worldwide Conference	2021

7	8 <sup>th</sup> Post Graduate Conference of Computer Engineering (cPGCON)	2019
8	7 <sup>th</sup> Post Graduate Conference of Computer Engineering (cPGCON)	2018
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### Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	‘Top 5% Researcher Award’ by Academia	2024
2	‘Best Paper Award’ by International Conference On Advanced Optimization Techniques And Applications	2023
3	‘Global Icon-Woman Researcher Award’ by MTTV News Media	2023
4	‘Top 2% Researcher Award’ by Academia.	2023
5	Invited as a reviewer by Asian Journal of Research in Computer Science, UK	2025
6	Invited as a reviewer by 15 <sup>th</sup> IEEE Symposium on Computer Applications & Industrial Electronics, Malaysia	2025
7	Invited as a reviewer by 21 <sup>st</sup> IEEE International Colloquium on Signal Processing & Its Applications, Malaysia	2025
8	Invited as a reviewer by 14 <sup>th</sup> IEEE Symposium on Computer Applications & Industrial Electronics, Malaysia	2024
9	Invited as a reviewer by ACM Journal on Computing and Sustainable Societies	2024
10	Invited as a distinguished speaker at 5 <sup>th</sup> International Conference on Future of Preventive Medicine and Public Health, London, UK	2025
11	Invited as a distinguished speaker at 3 <sup>rd</sup> Premier Global Conclave and Expo on Innovations in Drug Discovery, Development & Delivery, Canada	2025
12	Invited as distinguished speaker for SERB workshop by NIT	2023
13	Invited to deliver expert talk on ‘Prototype Design’ by SND COE	2023
14	Invited to deliver expert talk on ‘Deep Learning’ by SIEM	2022
15	Invited to deliver expert talk on ‘Deep Learning’ by DevIncept Pvt. Ltd.	2021
15	Invited to conduct a workshop on ‘Machine Learning’ by E&TC Department of AISSMS IOIT	2020
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### Areas of Interest

Sr. No.	Area
1	Artificial Intelligence
2	Deep Learning
3	Machine Learning
4	Data Mining