

Dr. Supriya Sameer Nalawade
Assistant Professor | CSE (AI & ML) | Academician & Researcher

Location: Kankavli, Sindhudurg, Maharashtra – 416602

ORCID: 0009-0009-7157-2691

Email: ssnalawade@sspmcoe.ac.in

Languages: English, Hindi, Marathi



PROFESSIONAL PROFILE

Academic professional with over 20 years of teaching experience in Engineering Education, with expertise spanning Computer Engineering, Electronics & Telecommunication, Artificial Intelligence and Machine Learning. Experienced in academic leadership, student mentoring, departmental coordination, research, technical training, and project guidance. Research interests include sentiment analysis, deep learning, machine learning, optimization techniques, computer vision, and intelligent systems.

CAREER OBJECTIVE

To contribute to an academically progressive and innovation-driven organization by applying my teaching, research, leadership, and problem-solving capabilities, while supporting student development, institutional growth, and continuous professional excellence.

ACADEMIC QUALIFICATIONS

Qualification	Institution / University	Period
Ph.D. in Electronics	Sanjay Ghodawat University	2021–2026
M.E. – Electronics & Telecommunication Engineering	D. Y. Patil College of Engineering & Technology, Kolhapur	2008–2012
B.E. – Electronics & Telecommunication Engineering	SSPM's College of Engineering, Kankavli – University of Mumbai	2001–2004
Diploma – Electronics & Telecommunication Engineering	MSBTE – Malvan	1999–2001

PROFESSIONAL EXPERIENCE

Assistant Professor | July 2022 – Present

CSE (AI & ML) Department, Sindhudurg Shikshan Prasarak Mandal College of Engineering, Kankavli

Assistant Professor | February 2006 – June 2022

Computer Engineering Department, Sindhudurg Shikshan Prasarak Mandal College of Engineering, Kankavli

Lecturer | June 2005 – June 2006

Dr. Supriya Sameer Nalawade

Computer Engineering Department, Sindhudurg Shikshan Prasarak Mandal College of Engineering,
Kankavli

Lecturer | August 2005 – January 2006

Electronics & Telecommunication Engineering Department, Sindhudurg Shikshan Prasarak Mandal
College of Engineering, Kankavli

ACADEMIC & ADMINISTRATIVE RESPONSIBILITIES

- Head of Department (HOD)
- Library Coordinator
- Student Council Coordinator
- Laboratory In-Charge
- Examination In-Charge

SUBJECT EXPERTISE

- | | |
|---|--|
| • Digital Logic Design | • Basic Electronics |
| • Television | • Electronic Devices and Circuits |
| • Principles of Communication Engineering | • Analog and Digital Communication |
| • Microprocessors | • Digital Signal Processing |
| • Digital Signal and Image Processing | • Computer Organization and Architecture |
| • Advanced Microprocessors | • Multimedia Systems |
| • Data Warehousing and Mining | • Microcontroller and Its Applications |
| • Numerical Methods and Optimization Techniques | • Environmental Science |
| | • DiscreteStructure |

CORE PROFESSIONAL SKILLS

- Academic leadership and departmental coordination
- Teaching, mentoring and student guidance
- Research and technical paper presentation
- Problem solving and analytical thinking
- Team collaboration and classroom management
- Management and time management

RESEARCH AREAS

- Sentiment Analysis and Emotion Analysis
- Deep Learning and Machine Learning
- Artificial Intelligence and Optimization Techniques
- Natural Language Processing
- Computer Vision and Image Processing
- Intelligent Classification Systems

SELECTED PUBLICATIONS & PRESENTATIONS

Dr. Supriya Sameer Nalawade

- PCA, LDA and Neural Network Based Face Recognition – National/International conferences, 2010–2012.
- Currency Recognition Android Application for Blind Person – IJIRE Journal, 2018.
- Fire Detection System Using RGB Color Model – International Journal of Engineering Science and Computing, 2018.
- Vision Based Fire Detection System – International Journal of Engineering and Science Invention, 2018.
- Recognition of Plants by Leaf Image Using ANN System – International Journal of Engineering Science and Computing, 2018.
- Credit Card Authentication Using Facial Recognition – International Research Journal of Engineering and Technology, 2019.
- Fake Currency Detection – International Journal of Emerging Technologies and Innovative Research, 2019.
- Attendance of Students Using Biometric Fingerprint Recognition – International Journal of Emerging Technologies and Innovative Research, 2020.
- Recognition of Human's Emotions by Facial Expression – International Journal of New Innovations in Engineering and Technology, 2020.
- Crop Yield Forecasting Using Machine Learning – Iconic Research and Engineering Journals, 2022.
- An Empirical Study of Sentiment Analysis Using Deep Learning – International Conference on Applied Artificial Intelligence and Computing, 2023.
- Sentiment Analysis Model Using Deep Learning – Springer, ICTSM23.
- Multiple Disease Prediction Using Machine Learning & Streamlit – Alochana Journal, 2024.
- Suspicious Activity Detection Using Human Pose Estimation – IJARESM, 2024.
- Recipe Generation from Food Image – IJARESM, 2024.
- Smart CCTV Camera – IJARESM, 2024.
- Effective Twitter Sentiment Analysis System with Ensemble Classifiers and Feature Selection – Nanotechnology Perceptions, 2024.
- Disease Prediction and Detection Using Machine Learning – JETIR, 2025.
- Twitter Data Sentiment Analysis Model: GuianSpin-Convolutional Network – Journal of Information Systems Engineering and Management, 2025. DOI: 10.52783/jisem.v10i47s.9447.
- ALGO-DeAM: An Improved Deep Ensemble Model for Twitter Sentimental Analysis Using Ateles Leading Gorilla Optimizer – Journal of Systems Science and Systems Engineering, 2026.
- AI Powered Business Intelligence Tool for Customer Sentiment Analysis – ICIVC 2026.

PATENT

- A Hybrid Deep Learning and Machine Learning Model for Real-Time Text Classification and Sentiment Analysis in Large-Scale Data Systems.

FACULTY DEVELOPMENT & TRAINING

Successfully participated in more than 30 faculty development programmes, short-term training programmes, webinars, and technical workshops sponsored/approved by recognized bodies including AICTE and ISTE.

PERSONAL DETAILS

Dr. Supriya Sameer Nalawade

Date of Birth	20 November 1981
Gender	Female
Nationality	Indian
Permanent Address	At/Post Kankavli, Near Bhalchandra Baba Math, Tal. Kankavli, Dist. Sindhudurg – 416602

DECLARATION

I hereby declare that the information provided in this biodata is true and correct to the best of my knowledge and belief.

Place: Kankavli

Dr. Supriya Sameer Nalawade
Signature

Dr. Supriya Sameer Nalawade