

Swati.S.Patil

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SUMMARY

Dedicated and accomplished academic professional with extensive experience in teaching, academic administration, departmental leadership and institutional development. Currently serving as the Head of the Department of Computer Science & Engineering at Maratha Mandal's Engineering College, Belagavi. Possesses strong expertise in Computer Science, Artificial Intelligence, Machine Learning, Cloud Computing, Computer Networks, and related domains. An active researcher, academician, and experienced in organizing national-level technical and cultural events. Currently pursuing a Ph.D. with research focused on the application of Deep Learning and Artificial Intelligence.

CAREER OBJECTIVE

To contribute effectively to academic excellence, research, innovation, and institutional development through dedicated teaching, progressive leadership, and continuous professional growth. To utilize my academic, administrative, technical, and research expertise to foster a collaborative learning environment and contribute meaningfully to the advancement of the institution.

EDUCATION

Angadi Institute of Technology and Management, Belagavi

Ph.D. in Computer Science & Engineering – Pursuing, University: Visvesvaraya Technological University (VTU), Belagavi, Research Area: Artificial Intelligence, Deep Learning and Healthcare Applications.

KLS Gogte Institute of Technology, Belagavi

Master's Degree in Computer Science, University: Visvesvaraya Technological University (VTU)

Maratha Mandal's Engineering College, Belagavi

Bachelor of Engineering in Computer Science, University: Visvesvaraya Technological University (VTU)

Govindram Sakseria Science PU College, Belagavi

Pre-University Education, Board: Department of Pre-University Education, Karnataka

St. Joseph's Convent School, Belagavi

Secondary School Education, Board: Karnataka Secondary Education Examination Board

EXPERIENCE

Head of the Department – Computer Science & Engineering

September 2024 – Present

Maratha Mandal's Engineering College, Belagavi

Responsible for providing academic and administrative leadership to the department, coordinating faculty and student activities, promoting research and innovation, facilitating academic planning, and contributing to the overall development of the department and institution.

Assistant Professor

May 2021 – September 2024

Maratha Mandal's Engineering College, Belagavi

Engaged in teaching, mentoring, academic coordination, student development activities, institutional committees, admissions, cultural activities, and organization of technical and academic events.

Lecturer

2017 – 2018

*Maratha Mandal Polytechnic College, Belagavi***Lecturer**

2010 – 2013

*Motichand Lengade Bharatesh Polytechnic, Belagavi***Content Writer***Local Health Academy, Australia**Worked as a Blog Writer for Local Health Academy, Australia.***SKILLS**

Academic Leadership and Administration
Department Management
Teaching and Mentoring
Artificial Intelligence and Machine
Learning Event Planning and
Coordination
Faculty and Student Coordination
Public Speaking and Compering
Cultural and Co-curricular Activity Management

CERTIFICATIONS

- Completed an online course on Management Foundations in the Hospitality Industry from the University of North Texas.
- Completed a five-month internship at Inficloud Pvt. Ltd. in Supervised Machine Learning Algorithms.
- Attended a one-day workshop on Cyber Security organized by Hackers' Era Cyber Security Consultancy & Training Pvt. Ltd.
- Completed a Diploma in Software Testing from Mindscripts, Pune, with an A Grade.
- Completed C#.NET and ASP.NET training from Seed Infotech, Pune, with an A+ Grade.

AREAS OF ACADEMIC AND RESEARCH INTEREST

Artificial Intelligence and Machine Learning; Deep Learning; Multimodal Data Analysis; Healthcare AI; Cloud Computing; Big Data Analytics; Internet of Things; Computer Networks; Network Security; Software Engineering; Data Communication; Information Storage and Management.

SUBJECTS TAUGHT

Software Engineering; Big Data Analytics; Internet of Things; Data Communication; Green Computing; Information Storage and Management; Software Testing; Cloud Computing; Computer Networks; Web Designing; Network Security; Operating Systems; Storage Area Networks; C Programming; and Computer Organization.

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

- Serving as Head of the Department of Computer Science & Engineering at MMEC, Belagavi.
- Serving as Alumni Committee Head since 7th July 2026
- Served as Convener of OJAS 2024, a National-Level Techno-Cultural Fest.
- Served as Cultural Head at MMEC since January 2022 to 7th July 2026
- Served as a Member of the Internal Quality Assurance Cell (IQAC) from May 2021 to May 2023.
- Served as Admission Coordinator from July 2021 to September 2022.
- Organized and coordinated the Kite Festival for Maratha Mandal Sister Institutions in January 2024.
- Organized and coordinated Dandiya Night for Maratha Mandal Sister Institutions in October 2023.
- Served as Staff Coordinator for OJAS 2022 National-Level Fest.
- Organized various activities for Maratha Mandal Sister Institutions on the occasion of National Girl Child Day 2022.
- Compered and coordinated various institutional, academic, and cultural events.

PUBLICATIONS

Book Publication: Forensic Accounting, Scientific International Publishing House (SIPH), 2024. ISBN: 978-93-6132-863-3

Research Publications and Conference Papers:

1. Swati Patil, Dr. D. G. Kulkarni, Shrishail Patil, and Vinayak Kolvankar, “Artificial Intelligence and Smart Recruitment,” presented at the 12th International HR Conference on Navigating Human Capital Management in the Digital Era, SDMIMD, December 2024.
2. Dr. D. G. Kulkarni, Swati Patil, Pradnya Patil, and Sneha Waingade, “Dynamics of Hybrid Work Culture,” presented at the 12th International HR Conference on Navigating Human Capital Management in the Digital Era, SDMIMD, December 2024.
3. Swati D. Killekar, Dr. Sanjeev S. Sannakki, Prashant Y. Niranjana, and Girish R. Deshpande, “An Analytical Approach for Stock Market Forecasting Based on Machine Learning,” International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Volume 7, Issue 2, pp. 414–420, March–April 2020.

PATENTS AND INTELLECTUAL PROPERTY

1. Indian Utility Patent: “System for Cyber Attack Prediction and Prevention Using Machine Learning Techniques and Method Thereof,” dated October 11, 2024. Application No.: 202441074555A
2. Applied for Design Grant for “Artificial Intelligence-Based Apparatus for Production of Niosomes.” Examination Report generated and online reply document received.

ACADEMIC ACHIEVEMENTS AND PARTICIPATION

- Paper titled “Virtual Diagnostician SpeechBot” selected for the International Academic Conference on Development in Science and Technology (IACDST), Marrakesh, Morocco.
- Paper titled “An Analytical Approach for Future Stock Price Forecasting Using LSTM” selected for the World Congress on Information Technology and Computer Science (WCITSC), Uganda.

- Presented a poster titled “Image Classification Using Convolutional Network Structure Using TensorFlow” during CTEMS ’18 at KLS GIT, Belagavi.
- Served as a Volunteer during CTEMS ’18 at KLS GIT, Belagavi.
- Participated in an IEEE paper presentation on “Eagle Eyes in Artificial Intelligence” in 2008. Participated in an IEEE paper presentation on “Biometric-Based Web Access” in 2009.

PERSONAL DETAILS

Name: Swati S. Patil

Nationality: Indian

Languages Known: English, Hindi, and Marathi

Interests: Reading, Painting, Music, and Exploring Emerging Technologies

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief. I am committed to contributing my academic, administrative, research, and leadership capabilities towards the growth and development of the institution.

Place: Belagavi

Swati S. Patil