

Mrs.Sonali Patil

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Objective

To be part of an institution that values innovation and quality in education, where I can apply my expertise in computer science to support learning, research, and professional growth..

Skills set

● Academic Qualifications

Pursuing Ph.D. in Computer Applications at DYP ATU, Talsande, Kolhapur

Master of Computer Science from Savitribai Phule Pune University (SPPU), 2007

Diploma in Management from IGNOU, 2012

● Certifications:

Certified Course in .NET from ATS INFOTECH, Pune (2007)

NPTEL Certification – Introduction to Machine Learning(2024)

Udemy Certification – Generative AI(2025)

SAP Certified Associate - SAP S/4HANA Cloud Private Edition, Sourcing and Procurement(2025)

● Technical Skills:

Programming Languages: C, C++, VB.Net, Java, JavaScript, Python, Oracle, Android

Operating Systems: Windows XP, Linux

● Soft Skills

Excellent interpersonal skills

Excellent written and verbal communication skills

Academic Experience

- Center of Excellence Coordinator at GCE Karad (From 2nd Feb 2025 - Present)
- 10 year's experience as Assistant Professor(Visiting) at MCA Dept. GCE karad.(From 26th June.2013 – 30th Jan 2025)
- 3 year experience as assistant professor in Y.C.I.S Satara (From 2009 – April 2012)

Key Responsibilities Handled

- Serving as **Faculty In-Charge** for the **Image Processing Lab** at the Center of Excellence, GCE Karad.
- Working as **Assistant Training and Placement Officer (TPO)** for the **MCA Department**, GCE Karad.
- Active **Member of the Syllabus Setting Committee**, contributing to academic development and curriculum updates.
- Preparing and delivering lectures for **undergraduate and postgraduate students** on subjects including **programming, data structures, and software design**.
- Designing and developing teaching material to support and enhance student learning.
- Initiating, facilitating, and moderating **classroom discussions** to encourage interactive learning.
- Guiding students in **career planning**, and exposing them to various **career opportunities** and professional pathways.
- Providing continuous academic support and mentoring to students, particularly in **project work and research activities**.
- Evaluating student performance and offering **feedback and personalized support** for academic improvement.
- Organizing and participating in **campus and community events**, fostering institutional engagement.
- Assigning tasks and exercises that promote the **development of students' technical and analytical skills**.
- Analyzing academic content and ensuring it aligns with learning outcomes and industry relevance.

Subjects Taught

- **Postgraduate Level:**
Business Process Management, Web Programming and Scripting Languages, System Programming & Operating Systems, IoT Lab, Advanced Database Systems, Network Technology, Discrete Mathematics, Principles of Management, Data Structures and Algorithms using C, Computer Organization and Architecture.
- **Undergraduate Level:**
Artificial Intelligence & Machine Learning (AIML), Image Processing, Software Engineering, Operating Systems, Networking.

Book Publications

1. Introduction to Computer & Data Processing (Year-2010)
----- Dreamtech Publication
2. Introduction to Programming using 'C' (Year-2010)
----- Dreamtech Publication

Paper Publications

Sr. No.	Title	Details	Authors	Publication/Conference	Date
1	A bird's eye view on finding out the effectiveness of Services provided in e-education for professional institutes of Satara district	Published in International Journal of Emerging Technologies and Innovative Research (JETIR) , Volume 8	-Dr. S. P. Patil, Prof. S. V. Patil	JETIR	19 July 2021

2	Personality Prediction System Using Textual Data – A Machine Learning Approach	Presented at National Conference on Advances in Science, Engineering & Technology for Sustainable Development (NCASETSD2022)	-Kausar Mujawar, Apurva Patil, Mahananda Malkauthekar, Bhagwat Patil, Sonali Patil	NCASETSD 2022	2022
3	DESIGN OF SUPER PREMIUM EFFICIENCY CLASS INDUCTION MOTORS - A REVIEW	Published in European Chemical Bulletin (UGC CARE, Scopus Journal)	Prof. R. S. Ambekar, Mr. Omkar Pradip Patil, Prof. R. M. Holmukhe, Prof. S. V. Patil, Dr. S. P. Patil	ECB (Scopus Journal)	Feb 2023
4	Data Mining Techniques for Enhancing Public Health Care Systems: A Review	Book Chapter in Futuristic Trends in Computing Technologies and Data Sciences	Prof. S. V. Patil, Dr. S. P. Patil	Book Chapter	Dec 2023
5	A Comprehensive Review of Expert Systems in Professional Education: Current Trends and Future Directions	Book Chapter in Futuristic Trends in Computing Technologies and Data Sciences	Dr. S. P. Patil, Prof. S. V. Patil	Book Chapter	Dec 2023
6	Deep Learning-Based Analysis, Selection, and Detection of Soybean Seeds: A Comprehensive Review	Accepted for Publication in Springer , presented at International Conference (MIND2024), NIT Goa	-Prof. S.shinde Patil, Dr.Varsha Desai	Springer / MIND2024	20-21 Dec 2024

Personal Details

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Date of Birth
: 30th May 1985

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Languages Known
: English, Hindi, Marathi

Gender
: Female