Profile of Mrs. Patil Manasi Madan



Name	: Mrs. Patil Manasi Madan
AICTE Id	: 1-7518282338
Department	: Artificial Intelligence and Machine Learning
Designation	: Associate Professor
Highest Qualification	: PhD
Date of Birth	: 12/12/1976
Email-id: (official)	: manasi.patil@walchandsangli.ac.in
Total Experience	: 24 Yrs 2 Months
Experience at this college	: 1 Yrs
Date of Joining	: JUL/2025

About Faculty :	Dr. Manasi Patil is working as an Associate Professor in Artificial Intelligence and Machine Learning Department of Walchand college of Engineering Sangli, Maharashtra. Her main research interests are in the areas of AI based solutions for Biomedical Image Processing. She has published 35 papers in various journals and conferences. She was recognized as PG and Ph.D.Guide by Solapur University. Worked as BOS member of Solapur University, Solapur. She has academic experience of 24 years. She has worked on various posts like HOD, Dean Academics and Dean R&D in SVERI, Pandharpur. She has guided numerous students for UG and 22 students at PG till date.
Qualification :	**Phd** : PhD,ANN based diagnosis of Neurodegenerative Diseases,Shivaji University **Post Graduate Degree** : M E,Electronics Engineering,Shivaji University **Degree** : B E,Industrial Electronics,Shivaji University
Areas of Specialization :	Computer Science Artificial Intelligence
Personal Website :	https://walchandsangli.irins.org/profile/139349
Research Identity :	**AICTE Faculty ID :** 1-7518282338 **Google Scholar ID :** WMMt2uwAAAAJ **Orcid ID :** 0009-0009-0921-5191 **Scopus ID :** 57214618784 **Vidwan ID :** 13949 **Web of Science :** CAA-2006-2022
Previous Experience :	**1.** Organization Name :- Sveri'S Coe Pandharpur, Designation :- Professor, Nature of Work :- Teaching , Hod, Dean Academics, Work Tenure :- 01/07/2002 To 02/05/2019 **2.** Organization Name :- Walchand College Of Engineering, Sangli, Designation :- Professor, Nature of Work :- Pg Wing Of Electronics-Teaching And Research Guidance, Pg Coordinator, Work Tenure :- 01/06/2019 To 30/06/2021 **3.** Organization Name :- Walchand College Of Engineering, Designation :- Professor, Nature of Work :- Teach Technical, Work Tenure :- 17/08/2021 To 28/02/2024

	4. Organization Name :- Walchand College Of Engineering, Sangli, Designation :- Associate Professor, Nature of Work :- Teaching And Research Guidance ,Pg Wing Of Electronics, Pg Coordinator, Work Tenure :- 30/08/2022 To 31/07/2023 **5.** Organization Name :- Walchand College Of Engineering, Designation :- Associate Professor, Nature of Work :- Ug Aiml Teaching, Dac, Dec, Dqac, Work Tenure :- 01/07/2025 To 30/06/2026
Publications :	**Paper Published/Presented :** **1.** "IOT Based Epilepsy and Paralyzed Patient Support System", Gradiva Review Journal, International Journals, PP. 129-138, VOL. 9, 2023 **2.** "Energy-Aware And Performance Enhanced Mobile Computing", IEEE, International Journals, PP. 1-6, VOL. , 2026 **3.** "Development of IoT based Support System for Epilepsy and Paralyzed patients", Journal of Electronics Information Technology and Science and management, International Journals, PP. 29-44, VOL. 13, 2023 **4.** "From CPUs and GPUs to Neuromorphic Chips: A Paradigm Shift in Computing Architecture", Science Press, International Journals, PP. 155-164, VOL. 25, 2025 **5.** "Energy-Aware And Performance Enhanced Mobile Computing", IEEE Explore, International Level, PP. , VOL. , 2026 **6.** "Street View Text Detection Methods", IEEE, International Level, PP. , VOL. , 2021
Courses Handled/List :	**1.** Computer Communication Networks **2.** Embedded System Design **3.** Broadband Communication **4.** Analog Communication **5.** Cryptography and Network Security **6.** Research Methodology **7.** Digital VLSI Design **8.** Advanced Communication Networks and IoT **9.** Sensors and Actuators **10.** Cyber Physical Systems **11.** Computer Fundamentals **12.** Computer Architecture and Networking **13.** Operating System **14.** Data Structures **15.** Computer Programming **16.** PSPICE **17.** Mechatronics **18.** Python Programming Lab
Additional Responsibilities :	SVERI -Hostel Rector, Student Council Coordinator, Head of Department, Dean Academics, Dean Research and Development, WCE - PG Coordinator, Department Exam Coordinator, Department Academic Coordinator, Department QA Coordinator
Area of Expertise :	**1.** Subject :- Engineering And Technology, Expertise :- Computer Science Artificial Intelligence
Other Information :	**Achievements : 1.** Completed AI Infinity course in a span of 2 months **Awards & Recognitions : 1.** Ph.D. Guideship **2.** Best Teacher **3.** PG Teacher **Membership of Professional Societies/Bodies : 1.** Indian Society for Technical Education (ISTE)