Profile of Mrs. Pawde Aditi Anil

Name	: Mrs. Pawde Aditi Anil
AICTE Id	:
Department	: Department of Computer Science & Engineering (HE)
Designation	: Assistant Professor
Highest Qualification	:
Date of Birth	: 20/08/1987
Email-id: (official)	: aditi.pawde@walchandsangli.ac.in
Total Experience	: 14 Yrs 7 Months
Experience at this college	: 2 Years 8 Months
Date of Joining	: JUL/2025

About Faculty :

With a passion for training and research, I am a seasoned professional with a decade of industry experience in both research and training. I like addressing complex problem statements, employing cutting-edge technologies to tackle real-world challenges. My journey in the industry has equipped me with a profound understanding of research methodologies and design thinking. My area of interest is application of Machine Learning in Finance domain. Currently, I am motivated in the field of responsible AI where AI technologies are used to solve societal problems. With a robust background in both academia and industry, I am driven to continuously explore and implement novel approaches that bridge the gap between theory and real-world applications.

Qualification :

Degree : B E,Electronics Engineering,Savitribai Phule Pune University
Post Graduate Degree : M Tech,Computer Engineering,Savitribai Phule Pune University

Areas of Specialization :

Computer Science Artificial Intelligence

Personal Website :

https://www.linkedin.com/in/aditi-pawde/

Research Identity :

Google Scholar ID : HpT43-gAAAAJ

Orcid ID : 0000-0003-0485-783X

Scopus ID : 57212507385

Vidwan ID : 573511

Previous Experience :

1. Organization Name :- Infosys Ltd, Designation :- Senior Associate - Enr, Nature of Work :- , Work Tenure :- 14/09/2009 To 12/12/2014
2. Organization Name :- Tcs Research, Designation :- Researcher, Nature of Work :- , Work Tenure :- 31/08/2018 To 30/06/2023
3. Organization Name :- Walchand College Of Engineering, Designation :- Assistant Professor, Nature of Work :- Teach Technical, Work Tenure :- 10/07/2023 To 30/06/2025
4. Organization Name :- Walchand College Of Engineering, Sangli, Designation :- Assistant Professor, Nature of Work :- , Work Tenure :- 01/07/2025 To 30/06/2027

Publications :

Paper Published/Presented :

	1. "Identifying Emerging Information Needs of Library Users using Data Mining", Delhi Indian Library Association, National Journals, PP. , VOL. , 2022 **2.** "Needle in a Haystack: Generating Audit Hypotheses for Clinical Audits of Hospital", Springer Nature, International Journals, PP. , VOL. , 2022 **3.** "Explainability for Misinformation in Financial Statements", Association for Computing Machinery NY USA, International Level, PP. , VOL. , 2022 **4.** "Dig Here! Extracting and Using Knowledge from Financial Audit Reports", LibraryPressUF, International Level, PP. , VOL. , 2023 **5.** "Biodegradable and Non-Biodegradable Waste Classification for Smart Waste Management", IEEE Xplore, International Level, PP. , VOL. , 2025 **6.** "Data Envelopment Analysis for Energy Audits of Housing Properties", Springer Cham, International Level, PP. , VOL. , 2021 **7.** "Removing Named Entities to Find Precedent Legal Cases", Association for Computing Machinery New York USA, International Level, PP. , VOL. , 2019 **8.** "Synthesizing Data for Collusion-based Malpractice of Shell Companies in Money Laundering", IEEE, International Level, PP. , VOL. , 2019 **9.** "Audit Report Coverage Assessment using Sentence Classification", ACL Anthology, International Level, PP. , VOL. , 2023
Patents :	**1.** Identifying and categorizing adverse remarks from audit reports for knowledge base creation and generating recommendations, TCS Research, INTERNATIONAL,
Courses Handled/List :	
Additional Responsibilities :	Mini Project Coordinator - AY 2023 - 2024 NBA and NAAC data collection and SAR development
Area of Expertise :	**1.** Subject :- Engineering And Technology, Expertise :- Computer Science Artificial Intelligence
Other Information :	**Achievements : 1.** Worked as mentor for a team of 6 students for both semesters for Tomato Grand Challenge launched by Department of Consumer affairs, Govt. of India. The team was shortlisted in top 100 entries throughout India. A research paper would be submitted in journal soon. Considering the limitations in domain expertise, the team did not receive grant but the project gave us good learning. **2.** Received grant of Rs. 70,500/- for institute level seed funding project. **3.** Administrative position within WCE to act as coordinator for WCE's envisioned online edtech platform WalchandPRO **4.** Acted as mentor for RGSTC scheme cycle 8 phase 1 internship project **5.** Developed a portal for self-help groups **Consultancies : 1.** Recent Advances in Artificial Intelligence and Machine Learning **2.** HPC for NLP and Industry 4.0 **3.** Natural Language Processing and HPC **4.** Deep Learning and NLP **5.** Natural Language Processing and HPC

Aditi Pawde

Walchand College of Engineering, Sangli
AI
Machine Learning
Data Science

TITLE	CITED BY	YEAR
Removing Named Entities to Find Precedent Legal Cases. R More, J Patil, A Palaskar, A Pawde FIRE (Working Notes), 13-18	28	2019
Synthesizing Data for Collusion-based Malpractice of Shell Companies in Money Laundering A Pawde, M Apte, GK Palshikar, V Attar 2018 4th International Conference for Convergence in Technology (I2CT), 1-5	4	2018
Identifying and categorizing adverse remarks from audit reports for knowledge base creation and generating recommendations AA Pawde, AA Shinde, MM Apte, SS Pawar, SS Vaishampayan, ... US Patent 12,124,491	1	2024
Audit Report Coverage Assessment using Sentence Classification S Vaishampayan, N Ramrakhiyani, S Pawar, A Pawde, M Apte, ... Proceedings of the Sixth Workshop on Financial Technology and Natural …	1	2023
Dig Here! Extracting and Using Knowledge from Financial Audit Reports S Pawar, M Apte, A Pawde, S Vaishampayan, G Palshikar, A Shinde The International FLAIRS Conference Proceedings 36	1	2023
Explainability for Misinformation in Financial Statements. S Vaishampayan, A Shinde, A Pawde, S Pawar, M Apte, GK Palshikar CIKM Workshops	1	2022
Biodegradable and Non-Biodegradable Waste Classification for Smart Waste Management AA Pawde, SV Yadav, PP Herwade, PR Markam 2025 International Conference on Future Technologies (ICFT), 1-6		2025
Needle in a Haystack: Generating Audit Hypotheses for Clinical Audits of Hospital A Pawde, S Vaishamayan, A Shinde, M Apte, GK Palshikar, A Jamkar Springer Nature Computer Science 407, 18		2022
Data Envelopment Analysis for Energy Audits of Housing Properties S Vaishampayan, A Pawde, A Shinde, M Apte, GK Palshikar Joint European Conference on Machine Learning and Knowledge Discovery in …		2021
Identifying Emerging Information Needs of Library Users using Data Mining A Pawde, K Ingale, M Apte, GK Palshikar Journal of Indian Library Association 57 (4), 155-164		2021