Faculty Profile

Name	Ms. Pranali R. Navghare
Designation	Assistant Professor
Department	Computer Engineering
Email	prnavghare@pict.edu
Phone	+91-7066121972

Educational Qualifications

Degree	University/Institution	Year of Passing
MTech. (IT)	NIT Raipur	2021
B.E. (Computer Engineering)	RTMNU Nagpur	2017

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Assistant Professor, PICT Pune	2 March 2022 - Present
2	Assistant Professor, Zeal College of Engineering Pune	Dec 2021 – Feb 2022
3	Lecturer, KDKCE Umrer	July 2017 – May 2019

Research Publications

Sr. No.	Title	Publication/Conference
1	Fuzzy logic and meta-heuristic firefly algorithm based routing scheme to extend network lifetime of WSN	IEEE
2	Icode-an unified competitive coding profile platform	IEEE
3	Comparative Analysis of Machine Learning Algorithms for Cardiovascular Disease Risk Prediction	IEEE
4	Trading Insight AI: An Intelligent Research Tool Revolutionizing Financial Analysis with AI and NLP	Elsevier
5	Satellite Imagery Driven Flood Detection using Deep Learning	IEEE

6	Wireless TCP Congestion Control Based on Loss Discrimination Approach Using Machine Learning	Springer
7	A Review Paper on Different Deep Learning Methodologies for User and Entity Behavior Analytics(UEBA)	International Journal of Research Publication and Reviews
8	An MBS Model For Enterprise Security Using User and Entity Behavior Analytics	Mukt Shabd
	Using Virtual Reality to Improve Student's Job Interview Skills	IJSREM
9	Cryptography in Network Security: a Mini Review	Communications on Applied Nonlinear Analysis
10	Comparative Study of Functionality Isolation in Multi-Application Smart Cards	Communications on Applied Nonlinear Analysis
11	A Comprehensive Study of Text Summarization with Advent of Large Language Models	Communications on Applied Nonlinear Analysis

Books Published

Sr. No.	Title	Publisher & Year
1	Security & Privacy in Cloud based AI Challenges & Solutions	Black Horse Publish 2025

Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
1	6th International Conference on Communications and Cyber Physical Engineering ICCCE 2023; 28–29 April, Hyderabad, India	2023
2	2021 2nd International Conference for Emerging Technology (INCET) 21-23 May 2021 Belagavi, India	2021
3	2024 International Conference on Emerging Smart Computing and Informatics (ESCI) 05-07 March 2024 Pune, India	2024
4	2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA) 20-21 December 2024 Nagpur, India	2024
5	3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE-2024) Namakkal, India	2024
6	2024 1st International Conference on Trends in Engineering Systems and Technologies (ICTEST) 11-13 April 2024 Kochi, India	2024

Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	NPTEL with Silver medal in online Certification course on "Effective Engineering Teaching In Practice	2025

Areas of Interest

Sr. No.	Area
1	WSN
2	Machine Learning
3	Deep Learning
4	Cyber Security
5	Generative AI