

Curriculum vitae

Name	Pradip Sahoo	
Qualification	M.Tech in Computer Science & Engineering	
Designation, Department and School	Assistant Professor, Department of Computer Science and Engineering	
Subject teach	1. Data Structures & Algorithm 2. Software Engineering 3. Virtual Reality 4. Programming for Problem Solving using C 5. Java Programming 6. Object Oriented Programming 7. Design and Analysis of algorithm 8. Automata Theory 9. Compiler Design 10. Full Stack Development 11. Android Development 12. Web Application development 13. DBMS 14. Operating System 15. Python Programming 16. Competitive Coding 17. System Design	
Research Interest	Agentic AI, Android Development, Artificial Intelligence, Machine Learning, NLP, Virtual Reality(VR) and Augmented Reality(AR)	
Experience	• 7 Months of experience as Full Stack Developer at Horsemen Energy Technologies. • Working as Technical Trainer in Swami Vivekananda University from 2023 to till now	
	P Sahoo, S Santra, A Sarkar, T Ghosh, S Gautam, A Bhowmik,S Majumdar,A Bhowmik, S Bhowmik, P Sarkar, "Designing Interpretable and Transparent Machine Learning Models for Early Detection of Breast Cancer", International Journal of Computer Sciences and Engineering, Vol.11, Special Issue.01, pp.316-322, 2023. Pradip Sahoo - Regression Analysis - Sustainable and Predictive Analytics Model(2023). ISBN: 978-93-5967-752-1 Pradip Sahoo - Gamification and Engagement in Smart Classrooms - Application of Machine Learning in Smart Education Technology (2024). ISBN: 978-81-974233-2-1 Pradip Sahoo - Generative AI in Gaming: Creating Immersive Worlds - The Evolution and Future of Generative AI From Theory to Practice (2024). ISBN: 978-81-974233-5-2 Pradip Sahoo - Transportation and Mobility Solutions Using IoT - Applications of Internet of Things (IoT) in Smart Cities (2024). ISBN: 978-81-974233-0-7 Sahoo, P., Sahu, K. P., Saha, B., Soumil, S., Khan, K.(2024). ChromaNet: Next-gen image colorization with NoGAN. In Proceedings of the International Conference on Integrative Science and Engineering. ISBN: 978-93-584-625-1.	

Publications	Asif, M., Mondal, A., Soumil, S., Das, A., & Sahoo, P. (2024). Augmented reality and virtual reality in education: A transformative journey into immersive learning environments. In Proceedings of the International Conference on Integrative Science and Engineering. ISBN: 978-93-5834-625-1.
	Sahoo, P. (2024). AR3D face recognition: A new frontier in human-computer interaction. In Proceedings of the International Conference on Integrative Science and Engineering. ISBN: 978-93-6135-962-0.
	Sahoo, P. (2025). The role of blockchain technology in enhancing cybersecurity and data protection. In Innovations Across Disciplines: Advancements in Engineering, Technology, and Sustainability. https://doi.org/10.62823/Inspira/2025/9788197442759 . ISBN: 978-81-974427-5-9.
	Sahoo, P. (2025). A comprehensive analysis of virtual reality therapy for mental health conditions. In Advances in Sustainable Technologies: Emerging Trends and Applications. https://doi.org/10.62823/RGRF/2025/9788197496226 . ISBN: 978-81-974962-2-6.
	Pradip Sahoo - Reinforcement Learning in Deep Learning: Concepts, Algorithms, and Applications for Robotics and Autonomous Systems - Unveiling deep learning: Innovations, techniques, and applications (2025). ISBN: 978-81-974233-4-5
	Pradip Sahoo - Random Forests: The Wisdom of Crowds in Action - Ensemble alchemy: Crafting powerful models with diverse techniques (2025). ISBN: 978-81-974233-1-4
	Pradip Sahoo - Behavioral Biometrics and AI for Identity Verification - Cyber fortresses: Adaptive cybersecurity in the age of AI and quantum threats (2025). ISBN: 978-81-974233-7-6
	Pradip Sahoo - Edge and Fog Computing: Extending the Cloud to the Network's Edge - Cloud chronicles: Navigating the new era of distributed computing (2025). ISBN: 978-81-974233-8-3
Academic Awards	JIS Innovation Award 2025
Journal Reviewer	NIL
Other salient features	NIL
Symposium/Workshop/Conference/Seminar/Webinar	4 conference(Swami Vivekananda University)
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