

: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: PRADIP SAHOO

Designation: TECHNICAL TRAINER

Department: COMPUTER SCIENCE & ENGINEERING

School: School of Computer Science

Research Area: AI, ML, AGENTIC AI, VIRTUAL REALITY & AUGMENTED REALITY

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: - https://scholar.google.com/citations?user=Ky0lvXYAAAAJ&hl=en	Orchid ID:-0009-0003-7619-1771
Scopus ID :-	Vidwan ID :- 585190

B. Publication details:

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Title of the paper	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.
1	International Journal of Computer Sciences and Engineering	Designing Interpretable and Transparent Machine Learning Models for Early Detection of Breast Cancer	November 2023	P Sahoo, S Santra, A Sarkar, T Ghosh, S Gautam, A Bhowmik, S Majumdar, A Bhowmik, S Bhowmik, P Sarkar	International		2347-2693

2	International Conference On Integrative Science And Engineering	ChromaNet: Next-Gen Image Colorization with NoGAN	2024	Krishna Prasad Sahu, Biplab Saha, Sarvesh Soumil, Kamran Khan and Pradip Sahoo	International		978-93-584-625-1
3	International Conference On Integrative Science And Engineering	Augmented Reality and Virtual Reality in Education: A Transformative Journey into Immersive Learning Environments	2024	Md Asif, Aneek Mondal, Sarvesh Soumil, Anirban Das and Pradip Sahoo	International		978-93-5834-625-1
4	International Conference On Integrative Science And Engineering	AR3D Face Recognition : A New Frontier in Human-Computer Interaction	2024	PRADIP SAHOO	International		978-93-6135-962-0
5	Innovations Across Disciplines: Advancements in Engineering, Technology, and Sustainability	The Role of Blockchain Technology in Enhancing Cybersecurity and Data Protection	2025	Pradip Sahoo	International	10.62823/Inspira/2025/9788197442759	978-81-974427-5-9

6	Advances in Sustainable Technologies: Emerging Trends and Applications	A Comprehensive Analysis of Virtual Reality Therapy for Mental Health Conditions	2025	Pradip Sahoo	International	10.62823/RGRF/2025/9788197496226	978-81-974962-2-6
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2. Book chapter:

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1st author in every article)	Year	ISBN No.	doi no. (if applicable)
1	Cloud chronicles: Navigating the new era of distributed computing	Swami Vivekananda University	Pradip Sahoo	2025	978-81-974233-8-3	
2	Cyber fortresses: Adaptive cybersecurity in the age of AI and quantum threats	Swami Vivekananda University	Pradip Sahoo	2025	978-81-974233-7-6	
3	Ensemble alchemy: Crafting powerful models with diverse techniques	Swami Vivekananda University	Pradip Sahoo	2025	978-81-974233-1-4	
4	Unveiling deep learning: Innovations, techniques, and applications	Swami Vivekananda University	Pradip Sahoo	2025	978-81-974233-4-5	
5	Applications of Internet of Things (IoT) in Smart Cities	Swami Vivekananda University	Pradip Sahoo	2024	978-81-974233-0-7	

6	The Evolution and Future of Generative AI: From Theory to Practice	Swami Vivekananda University	Pradip Sahoo	2024	978-81-974233-5-2	
7	Application of Machine Learning in Smart Education Technology	Swami Vivekananda University	Pradip Sahoo	2024	978-81-974233-2-1	
8	Sustainable and Predictive Analytics Model	Swami Vivekananda University	Pradip Sahoo	2023		