

Department of Computer Applications**Conference publication (2024-25)**

SL. No.	Conference publication (2024-25)	Website link
1.	Sourish Mitra, Sandip Roy, Rajesh Bose, Indranil Sarkar, Biswajit Chaki Choudhury, Shirsendu Dutta, "IoT Based Energy Efficient Anti-Sprouting by Ethylene Removal and Tuber Moth Repellent System in Household Potato Cold Storage", 2nd International conference on Advancements in Power, Communication, and Intelligent systems (APCI 2025) technically co-sponsored by IEEE Kerala Section, IEEE Xplore, 27–28th June 2025	https://doi.org/10.1109/APCI65531.2025.11137113
2.	Samarendra Das, Ranjali Roy, Anusreya Sarkar, Rajesh Bose, Indranil Sarkar, Sandip Roy, "Revolutionizing Healthcare: Synergistic Integration of Genomics, Clinical Decision Support Systems, and Advanced Machine Learning for Precision Medicine", International Conference on 2025 AI-Driven Smart Healthcare for Society 5.0, Guru Nanak Institute of Technology, Kolkata, India, IEEE Xplore, 14th–15th February 2025, pp.1-6.	https://doi.org/10.1109/IEEECONF64992.2025.10963134
3.	Dola Saha, Pradipta Paul, Debasis Dhal, Biswapati Jana, "A Deep Learning Framework for Insect Sound Classification Integrating STFT, Log Mel Spectrogram with CNN", International Conference on Intelligent Systems and Security (ICISS), pp. 127-137, December 2024 (Springer).	https://link.springer.com/chapter/10.1007/978-981-96-4273-1_10
4.	Chiranjib Dutta, Sabyasachi Mazumder, Sayan Neogy & Sandip Roy, "Deep Learning Approaches for Automated Diagnosis of Polycystic Ovary Syndrome using Medical Imaging A Comprehensive Survey" in 2nd International Conference on Data Analytics and Insights (ICDAI-2024) organized by Techno International New Town on July 25-27, 2024. (Springer	https://link.springer.com/chapter/10.1007/978-981-96-2329-7_4

	Nature LNNS Book Series, SCOPUS indexed)	
5.	Rooprekha Baksi, Ananjan Maiti, Chiranjib Dutta. (2024), "The impact of AI-enhanced chatbots on psychological support for higher education students", Proceedings of the Third International Conference on Human-Centric Smart Computing (ICH CSC 2024), 25th–26th July 2024, Jaipur, India, (Springer Nature LNNS Book Series)	https://doi.org/10.1007/978-981-96-3420-0_36