



B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR: 2025-26
LIST OF STUDENT PUBLICATIONS

Journal (SCI/SCIE)	Journal (Scopus)	Other Journals	Book/ Book Chapters	Conference Proceedings	Total
		4		11	15

Journal

1. **Navoneel Dey**, Sudipta Kumar Dutta, Health Hub: AI Diagnosis, Ambulance Booking, and Expert Doctor Recommendations in One Seamless App, International Journal of Scientific Research in Engineering and Management, September 2025, DOI: [10.55041/IJSREM52546](https://doi.org/10.55041/IJSREM52546).
2. **Souvik Dey**, Sudipta Kumar Dutta, Intelligent Flight Ticket Price Prediction Using Data-Driven Machine Learning Models, International Journal of Scientific Research in Engineering and Management, January 2026, DOI: [10.55041/IJSREM55984](https://doi.org/10.55041/IJSREM55984).
3. **Koustav Podder, Shubhradip Saha**, Sudipta Kumar Dutta, Multimodal Heart Disease Prediction System Using Tabular and Image Data, International Journal of Scientific Research in Engineering and Management, January 2026, DOI: [10.55041/IJSREM56067](https://doi.org/10.55041/IJSREM56067).
4. **Suryanshu Paul, MS Jagadeesh**, Deep Learning-Based Attention-Guided Framework for Multi-Source Diabetic Retinopathy Screening [Paper Status: under review]

Conference Articles

1. **Ahona Bhattacharyya, Meghna Gupta, Arpan Ghosh, Mayukh Mandal**, Ananya Kanjilal, User-Driven Multimodal Sentiment Analysis: Enhancing Emotion Recognition through Audio-Text Integration in Clinical Contexts, Proceedings of 2nd International conference on Artificial Intelligence and Sustainable Computing (AISC'25), July 2025, (In press).
2. **Sayandip Bhattacharyya**, Bikromaditty Mondal and Subhasis Mallick, BestNet: Advancing MNIST Handwriting Recognition, In Proceedings of the IEEE International Conference on Computing, Intelligence, and Application (CIACON 2025), Durgapur, West Bengal, India, July 2025, DOI: [10.1109/CIACON65473.2025.11189322](https://doi.org/10.1109/CIACON65473.2025.11189322).
3. **Arpita De**, Bikromaditty Mondal, A Translucent and Explicable AI Design for MRI Brain Tumor Classification,” 4th Doctoral Symposium on Human Centered Computing (Human - 2026), Kolkata, March 28-29, 2026. **(Accepted)**.
4. Bikromaditty Mondal, **Rahul Sinha**, Arpita Ghosh, HyperNet: An Advanced Approach to Handwritten Bengali Digit Recognition, International Conference on Advancement of Intelligent Computing in Data Analysis and Knowledge Discovery (AICDAKD 2025), Kolkata, December 2025. **(In Press)**
5. **Sayandip Bhattacharyya**, Bikromaditty Mondal and Rajarshi Chowdhury, GreenNet: A Low-Cost Solution for Plant Disease Detection, In Proceedings of the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, West Bengal, India, July 24-26, 2025. **(In Press)**

6. **Suryanshu Paul, Dipon De, Argha Mallick, Ajay Raj**, and Pratap Chandra Mandal, Deep Learning-Based Automated Violence Detection and Identification System for Video Surveillance Applications, Seventh International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN), Kalyani Govt. Engg. College, February 2026, pp. 72-77, IEEE, DOI: [10.1109/ICRCICN68210.2025.11364799](https://doi.org/10.1109/ICRCICN68210.2025.11364799)
7. **Kuheli Banik**, Amlan Raychaudhuri, Intelligent Fall Detection with Optical Flow and LSTM Ensuring Safety Through Vision-Based AI, International conference on Artificial Intelligence and Sustainable Computing, AISC 2025, Springer [**In press**]
8. **Snigdha Chandra, Sayandip Bhattacharyya**, Amlan Raychaudhuri, GlauNet:A Novel and Computationally Sustainable Glaucoma Detection System, International conference on Artificial Intelligence and Sustainable Computing, AISC 2025, Springer [**In press**].
9. **Soumili Saha, Soumyajit Pramanik, Soham Paul, Sougata Daw, Sayandip Bhattacharyya**, and Proshanta Sarkar, Identification of Clinical Significance of Genetic Variants Using LightGBM Blended with Attention Mechanism, International Conference on Digital Innovations for Sustainable Solutions (ICDISS), January 2026, pp. 1-6. IEEE. DOI: [10.1109/ICDISS68238.2025.11320790](https://doi.org/10.1109/ICDISS68238.2025.11320790)
10. **Suryanshu Paul**, Gopal Sharma, Ionospheric TEC Anomalies Detection using LSTM Autoencoder Analysis: A Case of 2010 El Mayor-Cucapah Earthquake, ISG-ISRS National Symposium 2025, Summary: https://isgisrs2025.com/Summary_of_Abstracts.pdf.
11. Subhasish Das, Adrija Ghosh, **Navoneel Dey**, Oindrilla Mishra, Poulami Sarkar, Sabuj Bhattacharya, Intelligent crop monitoring: An IoT and machine learning approach to disease detection and remediation, International conference on Artificial Intelligence and Sustainable Computing, AISC 2025, Springer [**In press**].