

International Journal

- 1) Nilanjan Byabarta, Abir Chatterjee, **Swarup Kumar Mitra**, “Trajectory-based linearization of nonlinear dynamical systems : A novel approach for improved accuracy and applicability in advanced applications”, Journal of Information and Optimization Sciences, Page. 1-12, DOI: 10.47974/JIOS-1952, July 2024.
- 2) Trilochan Patra, **Swarup Kumar Mitra**, “Evaluation of MIMO Multipath Fading Channels based on the IEEE 802.11n Channel Models for Indoor Wireless Local Area Networks”, Advances in Transdisciplinary Engineering, Volume 61, 529-534, November 2024.
- 3) Nilanjan Byabarta, Abir Chatterjee, **Swarup Kumar Mitra**, “Overcoming Thermocouple Non-linearity: A Novel Algorithmic Framework for Improved Temperature Sensing” published in Journal of The Institution of Engineers (India) : Series B, 106, 647–660, <https://doi.org/10.1007/s40031-024-01116-w>, April 2025.
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- 5) Aveek Chattopadhyaya, **Suparna Biswas**, Saswati Rakshit, Nanda Dulal Jana, Abhijit Mondal “Statistical Signal Processing and Machine Learning Based Diagnosis of Arrhythmia”, International Journal of Computer Information Systems and Industrial Management Applications, Volume 17, Page.362–374, May 2025, <https://doi.org/10.70917/ijcisim-2025-0024> (Scopus Indexed)