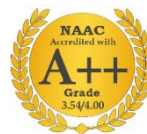





SETHU INSTITUTE OF TECHNOLOGY  
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### **Details of Journal Publication:**

1.Hybrid Parrot Optimizer and Dynamic Weighted Hypergraph Convolutional Network for Fast Electric Vehicle Charging Stations with Renewable Energy, Soundradevi, G., Jawahar, R., **Dani Abraham, J.**, Radhika, A. and Lawrence Sahaya Sundar, A., 2025. Iranian Journal of Science and Technology, Transactions of Electrical Engineering, pp.1-17.

2.Novel Fault Detection and Identification System for Solar Photovoltaic System using Truncated Arrangement of Active Cell (TAAC) Structure, **J.Dani Abraham**, R.M.Sasiraja, G.R.Rajesh Kanna, Journal of Intelligent and Fuzzy Systems, volume. 43, issue. 3, pp. 2549-2565, DOI: 10.3233/JIFS-213040, 2022.

### **Details of Conference attended:**

1. Integration of smart weighing and digital data transmission for error-free commodity distribution, in AI Applications in Smart Technologies and Manufacturing Proceedings of the Third International conference on Applications of AI in Smart Technologies and Manufacturing (AISTM 2025), March 07-08, 2025, Hyderabad, India.

2. An Investigation on Static Reconfiguration of Solar Photovoltaic Panels by Adopting Arithmetic Array Modelling” in IEEE sponsored International Conference on Energy, Materials and Communication Engineering, organized by Thiagarajar College of Engineering, Madurai on 14<sup>th</sup> and 15<sup>th</sup> December 2023. Paper ID:254.

3. Quality Span Prediction (QSP) of Solar Photovoltaic Panels”, in 3<sup>rd</sup> International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021) at Francis Xavier Engineering College, Tirunelveli, India.