**Abstracts**

**of accepted papers for publication**

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|  |  | Predicting Future Climate Trends: Temperature Anomaly & Sea Level Rise using ARIMA and SARIMA*R.P. Ram Kumar, Pulla Tejasri, Dhanyasree Muppala, Gabbita Yashaswini* |
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|  |  | Satellite Imagery-Driven Wildfire Prediction*Sampathirao Govinda Rao, Dukkipati Likithasree, Gopathi Kruthika, Merugu Reva* |
|  |  | Deforestation Detection and Oxygen Impact Analysis using Satellite Imagery*Voruganti Sreevani, Battula Sravani, Shaik Shameem, Tammineedi Naga Sai Tanusri* |
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|  |  | Satellite Imagery-based Water Level Analysis for Lakes using Deep Learning*M.V. Rama Sundari, Bethi Anuhya, Mailaram Shruthi, Gollalacheruvu Pranavi* |
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|  |  | Effective Battery Management System for E-Vehicles using Baseline and Optimized Deep Learning Model*R. P. Ram Kumar, K. Priyadarshini, A. Shivani, P. Kalpana* |
|  |  | Enhancing Battery Life Prediction: A Data-Driven Approach using Support Vector Regressor and Cross Validation*Sampathirao Govinda Rao, Ganapathi Yashwanth Kumar, Malluri Gnan Vivek, R.P. Ram Kumar* |
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