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Day 2: Technical Session 4-A | 07 November 2023, 17:00 - 18:30 hrs
Venue: Hall-A (2nd Floor, RC-W Main Building)

Emerging Trends in AI/ML – II

Chair: ..... **Co-chair:** ..... **Rapporteur:** .....

Sl No.	Title	Authors
1	Predicting Forest Fire Susceptibility employing ML and DL approaches	Mukunda Dev Behera, Parthiva Shome IIT-Kharagpur
2	Modelling Canopy structure of forest using Open Big Geospatial Data AND Deep Learning.	Col Sunil S Fatehpur College of Military Engineering, Pune
3	A deep learning approach for monitoring urban growth and analyzing surface urban heat islands over Hyderabad, Telangana, and visualization through interactive leaflet web map	Ronald Singh, Sachin Gautam, Nikhilraj Deep, Swastika Mandal, Pondari Satyanarayana, Rajiv Kumar National Remote Sensing Centre, Hyderabad
4	Convolution Neural Networks Based Crop Type Classification Using Spatio-Temporal Remote Sensing Data	Preetilata Murmu, Ronald Singh, Porchelvan A, Satyanarayana P, Girish Shankar Pujar National Remote Sensing Centre, Hyderabad
5	Evaluation of Machine Learning Classifiers for Landsat 9 and Sentinel-2 Datasets	Tejash Anand, Aadrita Chowdhury, Anugya Shukla Tata Institute of Social Sciences
6	Deep Learning Approach for Classification of Horticulture Plantations Using Very High-Resolution Satellite Images	R Ganiger[1], Nagashree Mohan Kumar[2], S Rama Subramoniam[2], Mahesha D B[1], Gali Brahmavar[1], R Hebbar[2] [1]Karnataka State Rural Development and panchayat Raj University [2]Regional Remote Sensing Center-South, NRSC, Bengaluru
7	A Framework for Geo-spatial analytics using Deep Learning	Vijender Busi Reddy, D Sree kiran, K Raghavendra, D Mallikarjuna Rao Advanced Data Processing Research Institute
8	Discrimination of Transplanted and Direct Seeded Rice Using Multi-Temporal EOS-4 Sar Using Machine Learning Algorithm	Neetu, Akash Goyal, Amritpal Digra, Sameer Saran Regional Remote Sensing Centre-Central,

		NRSC, Delhi
9	Leveraging Geospatial Intelligence and Machine Learning for Enhanced Landslide Susceptibility Assessment in Nilgiri District, India	Aneesah Rahaman, Abhishek Job Dondapati, Stutee Gupta, V Madha Suresh National Remote Sensing Centre, Hyderabad.
10	Co-active neuro fuzzy inference system for estimating reference evapotranspiration over Indore district of Madhya Pradesh	Madhulika Singh[1], Ronald Singh[2] [1]AKS University [2]National Remote Sensing Centre, Hyderabad