

List of Paper selected for Oral Presentation
1st Technical Session (6th April: 2:00 to 4:00pm)

S.No	Abstract id	Paper Title	1st Author	Affiliation
1	19036	A Comparative Study on Fisheye Lens Performance Evaluation of Low-Cost UAV Systems for GIS Data Collection	Ö. Z. Özerdem	Yıldız Technical University,Turkey
2	19087	A Cooperative Localization Strategy for Direct Georeferencing of UAVS in Partially GNSS Denied Environments	Salil Goel	IIT Kanpur
3	19088	An Integrated Object and Machine Learning Approach for Tree Canopy Extraction from UAV Datasets	Abhishek Adhikari	IIRS-ISRO, Dehradun
4	19001	Cadastral Parcel Boundary Extraction from UAV Images	Ganesh Khadanga	IIT Roorkee
5	19020	Conceptual Design And Comparative CFD Analyses On Unmanned Amphibious Vehicle For Crack Detection	Rahul S	Kumaraguru College of Technology, TN
6	19051	Development of an Open Source Tool for UAV Photogrammetric Data Processing	Mayank Sharma	IIRS-ISRO, Dehradun
7	19149	Drone-based sensing for Leaf Area Index estimation of citrus canopy	Rahul Raj	IIT Mumbai
8	19073	Identification of Urban Slums Using Classification Algorithms – A Geospatial Approach	K. Nivedita Priyadarshini	Central University of Tamil Nadu
9	19004	Spatial-Spectral Image Classification with Edge Preserving Method	Suresh Merugu	CMR College of Engineering
10	19005	Topographic feature extraction from Unmanned Aerial Vehicle (UAV) Optical datasets	S.K.P.Kushwaha	IIT Roorkee

2nd Technical Session (6th April: 4:30 to 6:00pm)

S.No	Abstract id	Paper Title	1 st Author	Affiliation
1	19012	An end-to-end unsupervised RGB-IR image registration	Kanti Kumari	IIT Madras
2	19097	Analyzing the Effect Of Distribution Pattern & Number Of GCPs On Overall Accuracy Of UAV Photogrammetry Results	Basant Awasthi	Kathmandu University, Nepal
3	19050	Automatic extraction of building features from UAV using artificial neural networks	Prakash P.S	IIT Kharagpur
4	19099	Alternative Approaches for Remote Sensing: A Stratospheric Balloon Educational Experiment to Analyze NAVI and To Compare UAV Imagery-Derived NDVI, Satellite Derived NDVI	Balaguru M	Anna University, Chennai
5	19033	Developing intelligent fire alarm system and need of UAV	Girish Joshi	RGIPT
6	19044	Forest Degradation Assessment using UAV Optical Photogrammetry and SAR Data	Arunima Singh	IIRS-ISRO, Dehradun
7	19078	Object Based Automatic Detection of Urban Buildings Using UAV Images	S. Nitheshnirmal	Bharathidasan University, SRM, IIRS
8	19094	Polarimetric Calibration Of L-Band UAVSAR Data	Arun Babu	IIRS-ISRO, Dehradun
9	19166	LIDAR Aided Autonomous Landing And Vision Based Taxiing For Fixed Wing UAV	K. Senthil Kumar	MIT, Tamilnadu
10	19102	Spatial and Temporal Profiling of Below Boundary Layer Particulate Matter and Meteorological Parameters using UAV Observation	P. R. Sinha	IIST, Thiruvananthapuram

3rd Technical Session (7th April: 2:00 to 4:00pm)

S.No	Abstract id	Paper Title	1 st Author	Affiliation
1	19013	Object Detection and Tracking with UAV Data using Deep Learning	A.Ancy Micheal	Anna University
2	19148	An Adaptive Technique to Detect and Remove shadow from Drone data	Ankush Agarwal	IIT Roorkee
3	19104	Conceptual Design and Optimization of Flexible Landing Gear for Tilt-Hexacopter using CFD	Vijayanandh R	Kumaraguru College of Technology, TN
4	19153	Dynamics of Target Detection Using Drone Based Hyperspectral Imagery	Sudhanshu Shekhar Jha	IISST, Thiruvananthapuram
5	19079	Micro Level Hydrological Planning and Assessment of Tank Irrigation System	Balakumaran RM	Anna University, Chennai
6	19106	CityGML Based 3D Modeling of Urban Area Using UAV Dataset for Estimation of Solar Potential	Harikesh Singh	IIRS-ISRO, Dehradun
7	19072	Recognizing Mosquito Breeding Zones Applying Machine Learning - A Comparative Study between Dense Urban Area of Khanjarpur, Roorkee & Urban Slum Area of Chingrajpara slum, Chhattisgarh Utilizing UAV Images.	Joydip Datta	NIIT University, Neemrana
8	19103	Role of Unmanned Aerial Systems for Natural Resource Management	Prabuddh Kumar Mishra	University of Delhi
9	19021	Slope stability analysis for mine hazard assessment using UAV	M Shashi	NIT Warangal
10	19158	UAV Surveying to Design Water Supply System for a Community	Dipak Kumar	IIT Mumbai