

List of Paper selected for Poster Presentation

S.No	Abstract id	Paper Title	1 st Author	Affiliation
1	19065	3D-Mapping and Volumetric Assessment of Open Cast Mining Using UAV and GIS tools	Geetanjali	IIT-ISM Dhanbad
2	19117	A Comparative Study of Drone and High Resolution Satellite Data for Detailed Land use /Land Cover Mapping	Ajay Mathur	Punjab Remote Sensing Centre
3	19011	A critical analysis of the 'requirements for operation of civil remotely piloted aircraft system' issued by director-general of civil aviation	Suyash Verma	Practising Advocate, High Court of MP
4	19116	A Fuzzy Sliding Mode Control Design for Quadcopter	Jagannath Samantaray	IIT Roorkee
5	19164	A Geospatial Approach to Develop LOD1 3D City Model Using UAV Dataset	Mohd Tanzeem Ansari	Quantum School of Technology, Roorkee
6	19147	A Review of UAV Regulations and Policies in India	Saurabh Srivastava	IIT Kanpur
7	19014	A Summarization of Collision Avoidance Techniques for Autonomous Navigation of UAV	Payal	UIET, Punjab University
8	19114	A UAV Traffic Management System for India: Requirement and Preliminary Analysis	Anshul Yadav	IIT Kanpur
9	19118	Accuracy evaluation of DEM and DTM generated from UAS Imagery	Abhrankash Kanungo	Andhra Pradesh Space Applications Centre
10	19112	Agriculture Crop Monitoring Using UAV	M.Navamu niyammal	Anna University, Chennai
11	19032	Application of UAV in 3D GIS to integrate AMRUT and Smart City in Indian Cities	Vignesh T	University of Madras
12	19075	Assessment of Its Development on Crop Yield and Site-Specific Weed Management Using UAV	Sivakumar S	-
13	19125	Assessment of Low-Cost Unmanned Aerial Systems for Engineering Surveys	Amit Rana	G.B. Pant Institute of Engineering and Technology
14	19080	Automated Tax Mapping From UAV Multispectral Imagery	Goutaam T	Anna University, Chennai

15	19063	Automatic Detection of Road Manhole Cover Using Point Cloud of Roadway Scene	Manohar Yadav	NIT Allahabad
16	19139	Automatic Extraction of Roads from UAV using Image Segmentation and Morphometric Parameters.	Sreeram R	IIRS-ISRO, Dehradun
17	19086	Automatic Extraction of Tree Crown for the Estimation of Biomass from UAV Imagery Using Neural Networks	Kishore Kowtham	Anna University, Chennai
18	19098	Automatic volume calculation using C++ from UAS Imagery	G.Harish Babu	VFSTR, APSAC
19	19155	Block Chain & UAV: Security, Challenges, Research Issues	Renu	Rajiv Gandhi Technological University, Bhopal
20	19010	Comparative Computational Analysis on High Stable Hexacopter for long range Applications	Balaji S	Kumaraguru College of Technology, TN
21	19042	Comparative study of Remote sensing data from various platforms in Crop health detection	Tarun	Bharat Rohan Airborne Innovations Pvt. Ltd.
22	19141	Comparative Study on Crop Classification Using Support Vector Machine on UAV Imagery	K. Venkata Reddy	NIT Warangal
23	19130	Comparing Classifiers for Feature Extraction	Vickyson Naorem	IIT Roorkee
24	19071	Comparison of Performance of Artificial Neural Network (ANN) and Random Forest (RF) In The Classification of Land Cover Zones of Urban Slum Region	Deepak Tyagi	NIIT University, Neemrana
25	19076	Comparison Of Performance Of Artificial Neural Network (ANN) And Support Vector Machine (SVM) In The Classification Of Land Cover Zones Of Dense Urban Regions	Vishnu Ghariwala	NIIT University, Neemrana
26	19074	Deep Learning Based Supervised Image Classification Using UAV Images for Forest Areas Classification	Gazi Rahaman	NIIT University, Neemrana
27	19160	Design Criteria of a UAV for ISTAR Application	Narayan Panigrahi	Center for AI and Robotics
28	19140	Detection of Waterbody Using Very High Resolution UAV SAR and Sentinel-2 Images	Ojasvi Saini	IIRS-ISRO, Dehradun
29	19101	Development of cost effective lightweight weather sensors for improving weather prediction	P. R. Sinha	IIST, Thiruvananthapuram

30	19090	Development of IOT Enabled Remote operated Autonomous UAV	Jagadees P.M.	Cochin University of science and technology, Kochi
31	19070	Drones in Disaster Management and Humanitarian Action: A Case Study in the Aftermath of Nepal Earthquake 2015	Uttam Pudasaini	Ministry of Land Management, Nepal
32	19152	Effectiveness of Spectral Similarity Measures for Crop Health Analysis	Hasmukh Chauhan	Birla Vishvakarma Mahavidyalaya, Gujarat
33	19077	Estimation of Forest Tree Heights and Crown Diameter Using High Resolution Images from UAV: A Case Study of Kalesar, Haryana	S. Nitheshnirmal	Bharathidasan University
34	19150	Estimation of single tree parameters and measuring Carbon biomass using airborne UAV image	Swayam Vid	IIRS-ISRO, Dehradun
35	19120	Fusion based change detection of snow cover using SETNet: The spectra and elevation of targets deep network	Ajay K. Maurya	IIT Kanpur
36	19113	Geospatial Approach's For Value Added Services and Land Cadastral Management Using UAV'S (Unmanned Aerial Vehicle) Data: Mapping Area under on Gurgaon case study	Sultan Singh	HARSAC & Gurugram metropolitan development
37	19163	High Precise True Digital Orthoimage Generation and Accuracy Assessment based on UAV Images	Mohammad Shoab	Shaqra University, Kingdom of Saudi Arabia
38	19040	High Resolution DSM Generation from UAV and Its Evaluation for Landslide/ Debris Flow Modelling: A Case Study	Raghavendra S	IIRS-ISRO, Dehradun
39	19161	How High It Can Fly! UAV Applications And Challenges	Jatin V. Raval	BKNM University
40	19135	Integration of LIDAR Data in Topographical Feature Extraction from Aerial Imagery	Kuldeep	Bennett University, Uttar Pradesh, India
41	19111	International Law on Operation of Unmanned Aerial Systems	Saurabh Kumar	NLU, Jodhpur
42	19157	Investigation on the effects of Polarization Orientation Angle shift in the UAVSAR Polarimetric Decomposition	Arun Babu	IIRS-ISRO, Dehradun
43	19123	Landslide Early Warning System Using UAV: Overview	Jaldi Anitha	National Institute of Rural Development
44	19060	Machine Learning Based Approach To Identify Pole-Like Objects From Point Cloud Data Of Roadway Scene.	Parvej Khan	NIT Allahabad
45	19081	Monitoring Of Medicinal Plant Using UAV/Drone Multispectral Image Data	Raju Aedla	Kumamoto University, Japan

46	19093	Multi Frequency Polarimetric Decomposition of UAVSAR Data	Udit Asopa	IIRS-ISRO, Dehradun
47	19162	Open Source Python Based NDVI Assessment Toolset For Uav Multispectral Imagery	Vaibhav Sonkar	IIT Roorkee
48	19035	Performance Evaluation of Low-Cost UAV Systems for GIS Data Collection	Ö. Z. Özerdem	Yıldız Technical University, Turkey
49	19069	Perpetual Solar Potential of A Village In UAV By Machine Learning And Feature Extraction	Immanuel A	MIT Chennai
50	19128	Pertinence of ‘Unmanned Aerial Vehicles’ in smart city planning process	Rewati Raman	IIT Roorkee
51	19024	Population Coding of Neuronal Cells for Collaborative Decision Making in UAV Based SLAM Operations	Ankush Rai	VIT
52	19089	Profiling and Validation of Surface Features from Multispectral UAV Reflectance Value –An Interleaved Pixel Approach	Kishore Kowtham	Anna University, Chennai
53	19156	Remote Sensing Analysis of Agricultural Drone	S. Meivel	M.Kumarasamy Engineering College, Karur, TN
54	19144	Retrieval of Forest Canopy Density Using UAV Optical Data and Comparing It with Landsat Thematic Mapper Derived Forest Canopy Density	Shanti Kumari	IIRS-ISRO, Dehradun
55	19145	Review of Inpainting Techniques for UAV Images	Garima Kadian	Thapar Institute of Engineering and Technology, Patiala
56	19137	Slum Characterization and Rehousing For Smart City Using Very High Resolution UAV Images	Yoganshu Patel	College of Agricultural Engineering, JNKVV, Jabalpur
57	19062	Smart Agriculture - The age of drones in agriculture	Vaishnavi Gautam	University of Petroleum & Energy Studies
58	19154	Spectral Mixture Modelling and Surface Material Dimensions in Drone Based Hyperspectral Imagery	Rama Rao Nidamanuri	IISST, Thiruvananthapuram
59	19133	Survey in Closed Environments through UAS Technology. Methodological Approaches to the Study and Image Processing of Religious Furnishings.	Rita Valenti	Special Educational Structure of Architecture, DICAR, University of Catania, Syracuse, Italy
60	19129	System of UAV for Defence Technology	N.Prudhvi Kumar Reddy	CMR College of Engineering & Technology

61	19119	Technology for Power Supply to UAV'S Through Medium of Air.	Devineni Pavan	CMR College of Engineering & Technology, Hyderabad
62	19100	The Potential of UAV based remote sensing for monitoring Hindu Kush Himalayan glaciers	Aman Rai	University of Delhi, Delhi Technological University
63	19127	Thermal Imaging in Unmanned Aerial Vehicles – A New Approach to Road Patrolling	Jaspreet Singh	Sant Longowal Institute of Engineering and Technology, Punjab
64	19143	Towards the Automatic Detection of Geospatial Changes based on Digital Elevation Models Produced by UAV Imagery	Tal Bauman	Mapping and Geo-Information Engineering, The Technion, Haifa 3200003, Israel
65	19052	Track & Trace Management System Integrated With Accurate GPS Location Data Pinging Using IOT	Shaik Khaja Moinuddin	CMR College of Engineering & Technology, Hyderabad
66	19146	Tree Height Computation Followed By Tree Biomass Estimation Using UAV Point Cloud Data	Triparna Set	IIRS-ISRO, Dehradun
67	19091	UAV based Cost-Effective Real-Time Abnormal Event Detection using Edge Computing	Md Shahzad Alam	NIT, Surathkal
68	19122	UAV based Framework for Industrial Air Pollution Monitoring	Harpinder Singh	Punjab Remote Sensing Centre
69	19002	UAV Based Geospatial Surveillance Framework for Aerial Crisis Mapping in Dark	Ankush Rai	VIT, IITR
70	19003	UAV Data Processing Using Akaze Features	Surendra Kumar Sharma	IIT Roorkee
71	19034	UAV in Construction Site Monitoring and Concrete Strength Estimation	Kumar K	NIT Warangal
72	19159	UAV in Visibility Analysis For Optimal Placement Of Surveillance Cameras in Urban Spaces	Divyasree Gaju	NIT Warangal
73	19006	Unmanned Aerial Systems in Water Resource Management and Monitoring: A Review	Vishal Mishra	IIT Roorkee
74	19015	Unmanned Aerial Vehicle (UAV) for monitoring architectural health	Ekta Baranwal	JMI, IIRS-ISRO, Dehradun

75	19022	Unmanned Aerial Vehicle based Environmental Monitoring System for Smart Cities	Anuj Kumar	CBRI
76	19115	Unmanned Aerial Vehicle (UAV) Enabled Stringing	Sandesh Mishra	Director, ASES Business Solutions INTNL LLP
77	19068	Unmanned Aerial Vehicle: Vulnerability to Cyber Attacks	Susheela Dahiya	University of Petroleum & energy Studies
78	19007	Unmanned Aerial Vehicle's Vulnerability To GPS Spoofing – A Review	Eshta Ranyal	IIT Roorkee
79	19151	Use of drones for inspections of other areas in power Plant including fuel management	Pradipta Mohanty	IB Thermal Power Station, OPGC Ltd.
80	19165	Using UAV in development of 3D Model Heritage Monument: A Case Study of Kota Gullu, Warangal, India	D Sirish	NIT Warangal
81	19023	Using Unmanned Aircraft Systems for Calculating Transmission Towers Grid Benching Volume	Shadman Hussain	Aerizone Creative Labs Pvt. Ltd, Maharashtra
82	19132	Wireless Protection System	Jyothi	CMR College of Engineering & Technology