

Date/Day	Session Name	Time: 3 to 4.30 pm	Presenting Author	Affiliation
Day-1 (26 Feb)	Spacecraft Systems	40W Triple Output 500kHz DC-DC converter HMC for 100V bus	Ambati Janardhana Reddy	URSC, ISRO, BANGALORE
		A Review on High Voltage Subsystems for Satellite Applications: Design Criticalities	Christopher Parmar	Space Applications Centre, ISRO, Ahmedabad
		A comparative survey of performance, stability, and environmental adaptability of orbit propagators	Abhinav Krishnan	FuturifAI Pty. Ltd, Digantara Research and Technologies Pvt. Ltd & Turkish Aerospace Industries
		A Comprehensive Review of Attitude Determination and Control Systems	Mayur Vijay Pawar	MIT Art, Design and Technology University, FuturifAI Pty. Ltd.
		A Finite Element Based Approach to Design Bus Bars for High Power Spacecraft	Dr Rajeev Chaturvedi	URSC
		A Novel Technique for Low-Frequency Signal Generation: Application to Dielectric Spectroscopy for Future Planetary Missions	Chandan Kumar	Physical Research Laboratory
		An Efficient Anti-Spoofing Algorithm to Detect and Mitigate GNSS/GPS	krishna samalla,dr p naveen kumar	Research scholar
		Comparative Analysis of S4 index for L5 and S Band Signals for Indian NavIC Constellation	Perumalla Naveen Kumar	Osmania University, Hyderabad
		Concept Design of a Futuristic Lunar Lander Carrying a Heavy Rover; with Propellant Tanks Assembly as the Primary Load-Bearing Structure	Parth Tiwari	U. R. Rao Satellite Centre (URSC) Bengaluru, ISRO
		Conjunction Assessment for Chandrayaan-3 Mission	Ivanshu Mehta	ISRO-ISTRAC
		DESIGN AND OPTIMIZATION OF AN INTEGRATED SUPPORT STRUCTURE FOR MOUNTING MULTIPLE SENSORS IN A SATELLITE	Prajwalika K.S	MVJ College of Engineering, Bengaluru.
		Evaluation Methodology of High Density Interconnect (HDI) PCBs for Space Use	Mukesh Patel	Space Applications Centre (ISRO), AHMEDABAD
		Growth of room temperature polycrystalline Gallium Oxide thin film	Damanpreet Kaur	IIT Ropar, Rupnagar, Punjab
		High Efficiency Phase Shifted Full Bridge DC-DC Converter with Zero Voltage Switching for Medium to High Power applications	Divikshi Saran	ISRO
		Implementation of JESD204B protocol based Multi Gigabit Digital Modulator for Data Transmission System of Satellite	PRIYANKA DAS	U. R. Satellite Centre,Bangalore
		Implementation of Spacecraft data bus communication protocol in FPGA	sameer thakur	Space Applications Centre, ISRO
		LSTM based Dynamics Routing for Satellite Constellation	Gaurang Mathur	Indian Space Research Organization
		SABHASAT : A 1U CUBESAT WHICH WILL DETECT GAMMA RAY BURSTS	Snehadeep Kumar	Student
		Satellite Formation Flying - Bipartite Consensus	S Mathavaraj	U. R. Rao Satellite Center, ISRO
		Satellite Risk Assessment Studies and Protection Shield Design Using Developed MATLAB based GUI tool	Umesh singh , Rajeev Chaturvedi	U R Rao satellite centre
		Small Satellite Constellation for Lunar Communication System	Gaurang Mathur	MIT World Peace University
		Software Quality Analysis of Automatic Dependent Surveillance-Broadcast Ground Software System	Divya Jain	Space Applications Centre, ISRO
		Study of Defected ground on radiation pattern of UWB miniaturized discone antenna for inter-satellite communication	Sreya Ghosh	Indian Institute of Technology Indore
		Telemetry ASIC for Satellite Application	Dr. Sanjay Kumar Kasodniya	Space Applications Centre (ISRO), Ahmedabad
		Thruster Reaction Control System Modelling of Mars Orbiter Mission	Bijoy Kumar Dai	ISRO
		Validation of a 2U CubeSat design for RFI Survey in LEO using Finite Element Analysis.	Kundan Sahu	Indian Institute of Technology Indore
Satellite Communication network for Gaganyaan mission	Sudhanshu Yadav	ISRAC		
DESIGN, ANALYSIS AND FABRICATION OF A CUBESAT WITH SPECIAL EMPHASIS ON PROPULSION SYSTEM & DEBRIS ANALYSIS	G Mokshanand	MLR Institute of Technology		

	Development of Resistojet for Nano satellites	Mnajesh N Sumukh	MVJ College of Engineering
	SPACE WEATHER EFFECTS ON SATELLITES DESIGN	Hariharan V K	ISRO
	Unravelling Orbital Complexities: A Comprehensive Study of Forces Shaping Aditya-L1 Interplanetary Satellite Mission	MADHAV HARIDAS MK	URSC, ISRO Bengaluru
	Ionospheric Scintillation activity during 2017 Geomagnetic Strom condition over Hyderabad Station	Perumalla Naveen Kumar	Osmania University, Hyderabad
	A proposal for development of a space borne LIDAR payload for profiling the atmospheric aerosol and clouds	N.Sangeetha	NARL-ISRO DOS
	A pulse pile-up model for X-ray detectors: Application in the analysis of Chandrayaan-2 XSM observations	Sreevaishnava	Physical Research Laboratory
	Advancements in High-Precision Polarimetry	Janarthanan Manickavasagam	CS Academy
	Augmenting landslide inventories using machine learning	Ritu Anilkumar	NESAC and PRL
	Connecting Continents from the Ice: The Vital Role of AGEOS-NRSC in the Indian Remote Sensing Satellite Program	Sahal Mohammed M. N.	ISTRAC-ISRO
	DESIGN, DEVELOPMENT AND TESTING RESULTS OF LIGHTNING INSTRUMENT FOR FUTURE VENUS ORBITER MISSION	Sonam Jitarwal	PRL
	Development of a Rotating Electric Field Mill for Atmospheric Electricity Profile Measurement	Diptangshu Sekhar Raj	Satish Dhawan Space Centre
	DFSAR data-based Integral Equation Modeling for Dielectric Characterization of Lunar Taurus-Littrow Valley	Dr. Shashi Kumar	Indian Institute of Remote Sensing (IIRS), ISRO
	Enhanced Polarimetric SAR Image Edge Detection: Integrating SIRV Paradigm with Crater-Shaped Filter	Abhay Pratap Shukla	NIT Hamirpur, Himanchal Pradesh, India
	Laser Interferometer Space Antenna in Remote Sensing Orbiters for Space Exploration	Dr. Ashok Kumar Srinivasan	Rajalakshmi Institute of Technology, Chennai, India
	Neutron dosimetry and shielding for space radiation using FLUKA	Ashwini U	Manipal Centre for Natural Sciences (MCNS)
	NEWBIE : Near UV Wide Band Imaging Experiment	SHUBHANGI JAIN	INDIAN INSTITUTE OF ASTROPHYSICS, Bangalore
	SEAMS: A space mission dedicated to ultra-low frequency radio observations	Abhirup Datta	IIT Indore
	Spatio temporal analysis of Lake encroachment in different parts of Hyderabad, Telangana – GIS based approach.	Kavilatha Akula	Bhavans New Science college osmania university
	Extracting Metals from Moon: Opportunity and challenges	Kamalesh Singh	IIT (Banaras Hindu University) Varanasi-221005 India
Date/Day	Session Name	Time: 3.30 to 4.30 pm	Presenting Author
Day-2 (27 Feb)	Payload Systems		Affiliation
	GNSS Interoperability: Time Offset between Navigation Systems	Naveen Kumar Perumalla	Osmania University, Hyderabad, Telangana
	Solar Radio Harvesting: An Innovative Approach to Powering Earth with Orbiting Amplification Satellites	Aishwarya meti	Research Scholar
	Spectral matching analysis for Hyperspectral sensor data products	ABDULLAH SUHAIL AYYUB ZINJANI	Space Applications Centre ISRO Ahmedabad
	A Single Pixel Camera System: Modelling to Experimental Imaging and its applications for space borne missions	Jitendra Kumar	SAC, ISRO Ahmedabad, Gujarat, India
	Design & Development of Metal Mirror of Optical payload for Space Applications	Sahil Patel	SAC - ISRO, Ahmedabad
	Optical System Performance Optimization and Characterization of Ocean Colour Monitor-3 (OCM-3) Payload on-board Oceansat-3 (EOS-06) mission	Manoj Kumar	Space Applications Centre, ISRO
	Thermal background of SW-MWIR IDCA: Estimation and Measurement	sami ur rehman	ISRO
	A case study on Reliability Predication of a payload Electronics using FIDES Guide over MIL-HDBK-217	Akshaya Kumar Sahu or Satya Priya Mittal	SAC, Ahmedabad, India
	A comparative study in performance parameters of two convex sigle blazed metal diffraction gratings fabricated indigeniously	Moumita Dutta	Space Applications Centre, ISRO

A miniaturized Low Voltage High Current (5V, 8A) Hybrid dc-dc converter operating at 500kHz switching frequency for Space applications	GARIMA SINGH	URSC, ISRO, BANGALORE
Abstract_low voltage high current_5v_8A_500kHz_hybrid dc-dc converter.docx	GARIMA SINGH	ISRO
Advanced and Configurable Multi-Band Concurrent Real-time Data Processing Electronics for OCM-3	Pradeep Soni	Space Applications Centre
Advanced Digital Ionosonde System (ADIS) Developed by	Ajay Khandare	SAMEER
Analysis of Geometric Processing Algorithms for On-Board implementation	usha devi R	ADRIN, DOS, ISRO, Secunderabad
Automatic Lunar Control Points Identification for Chandrayaan-2 Optical Payloads	Hemant Kumar Lalwani	SAC, ISRO, Ahmedabad
Characterisation and Qualification of Channel Electron Multiplier detectors for space application	ANEESH A N	Space Physics Laboratory (SPL)-ISRO
Compact, Low-cost GNSS Hardware: Potentials in Positioning, Ionospheric Probing and Time Transfer Applications	Dr Anindya Bose	University of Burdwan, WB
Design & Development of On-Board Electronics for Black Body Calibration Mechanism for IR payloads	Mohammad Waris	Space Applications Centre, ISRO
Design and Development of an Optical Payload for Solar Occultation Experiments (SOE) in future Earth and Planetary Missions	Dr. Sunilkumar S. V.	Space Physics Laboratory - ISRO
Design and Development of Bi-CMOS Low Noise Amplifier at S-Band	SHOKEEN	SPACE APPLICATIONS CENTRE, ISRO
Design and Development of IDCA Dewar and Components: Structural, Thermal analysis and fabrication	Shlok Agarwal, Sami Ur Rehman	Delhi Technological University
Design and development of miniaturized Camera Head for Chandrayaan-3 Lander Cameras	Shweta Kirkire	SPACE APPLICATIONS CENTRE, ISRO
Design and Development of On-Board Precision Processing Electronics for Total Ionization Dose (TID) Measurement in LEO/GEO Payloads	Manish Kumar Dwivedi	SAC, ISRO, Ahmedabad
Design and Hardware Realization of On-Board High Speed, Low Noise IR Camera Electronics for Electro Optical Remote Sensing Systems	Dimple Garg	Space Applications Centre, ISRO
Design and Implementation of Dual Band SAR Joint Imaging Operation in S-Band SAR Payload Controller of NISAR	Kiral Ghodadra	SAC, ISRO, Ahmedabad
Design and simulation of the optical layer of an electro optical printed circuit board for high speed data transfer applications	SRIMANTA MITRA	Space Applications Centre, ISRO
Design of Transmit Receive Controller of NISAR for earth observation	Ajay Kumar Singh	Space Applications Centre, ISRO
Development of Control and Data-acquisition Electronics for Atomic Oxygen Sensor for Terrestrial Atmosphere	Pramod PP	VSSC/ISRO
Development of HMC based Space qualified DC-DC power supplies for VELC Payload of Aditya-L1 Mission	Rameshchandra G Paria	Space Applications Centre ISRO Ahmedabad
Development of Space borne Payload Power Supplies for MICROSAT-2A	Vivek Dholpuria	Space Applications Centre (ISRO) - Ahmedabad
Developmental results of Short-wave infra-red spectrometer for Earth observation from Geo-stationary platform	Mohit Saraswat	Space Applications Centre, Ahmedabad
Digital Pulse Processing approach for Si PIN Readout in Venus Radiation environment monitor (VeRad)	Sushil Kumar	Physical Research Laboratory, Ahmedabad
Exposure Control Implementation in Frame transfer CCD for Oceansat-3	Vivek Kumar Gupta	Space Applications Centre (SAC), ISRO Ahmedabad
Fault Tolerant Operations and Automated Gain-Offset Control for Millimetre-wave Humidity Sounder Payload of ISRO	Ganesh Mulay	Space Applications Centre, ISRO, Ahmedabad
High Performance and High SNR Payload Electronics For Ocean Imaging	Pradeep Soni	Space Applications Centre, ISRO
Indigenous Design and Development of Lens Assemblies with Optical Match Performance for Space-borne Observations	MANOJ KUMAR	Space Applications Centre, ISRO
Indigenous Development of area array CCD for HySIS VNIR channel	Parul Singh	Space Applications Centre (ISRO), Ahmedabad
In-House development of FTIR based airborne SAGNAC Imaging Spectrometer	Harish Seth	SAC-ISRO
Integration and characterisation of Pixelated polarisation camera for remote-sensing applications	K Ajay Kumar	ISRO

		Miniature space-grade integrated digital payload electronics for INS-2B Nanosatellite	Anirban Paul	Space Applications Centre, Ahmedabad
		Miniaturization of active solid-state relays and protection circuits for space	Vivek Dholpuria	Space Applications Centre (ISRO)
		Miniaturized Multi-Port, High Speed Generic Video Processor	Surbhi Wadhwa	ISRO
		Multi-Channel Large Area SDD X-Ray Spectrometer with ASIC Based Readout for Daksha Mission	Nishant Singh	Physical Research Laboratory, Ahmedabad
		Novel Indigenous Design Approach for Ku-Band Stripline Co-axial Junction Circulator	RAHUL GUPTA	Space Applications Centre, ISRO, Ahmedabad, Gujarat
		On-board Solid State Recorder for Geo High Resolution Camera (GHRC)	RANJAN PARNAMI	Space Applications Centre, ISRO, Ahmedabad-380015, INDIA
Date/Day	Session Name	Time: 3.30 to 4.30 pm	Presenting Author	Affiliation
Day-3 (28 Feb)	Human Space, LTS and Quantum	A Novel Exposure Time Control System Using Stepper Motor for CCD Camera used in Aditya L1 Mission's SUIT Payload	Dr Vijay Kumar Verma	ISRO
		STUDENTS SATELLITE PROGRAMME IN INDIAN UNIVERSITIES	GNV PRASAD	ISRO
		STUDENTS SATELLITE PROGRAMME IN INDIAN UNIVERSITIES	Adarsh V A	Dayananda Sagar University
		Detection and characterization of space debris using AI techniques with Advanced Indian MST Radar	Dr P Kamaraj	National Atmospheric Research Laboratory
		Fart space dust (FSD): A Low-Cost, Innovative Approach to Mitigating Small Debris in Low Earth Orbit	Prem A	Dayananda Sagar University, Bangalore, Karnataka
		Policies to control Space Debris for a Sustainable Future Space Environment	Aruna Devi T.M	International Space University
		Recent Advances in Space Debris Removal Techniques; A study	Ayan Deghuria	MDB DAV PUBLIC SCHOOL, Bankura, West Bengal
		SpaceTechXploration: New Space Race Frontiers for Technologies	UMESH CHANDRA AJMEERA	JNU & World Organisation of Students & Youth (WOSY)
		Operating Software for ISRO's indigenous Payload-Solid State Recorder	Vikas Singh	SAC, ISRO, Ahmedabad
		Performance of MADOCA PPP Service from India	SOMNATH MAHATO	Meteorological Training Institute, IMD, Pune
		Pre-flight radiometric calibration of dual-band High Resolution infrared camera and its dependence on operating environment	K Ajay Kumar	ISRO
		Progress in ENR based X-ray Optics Development for Future Science Missions	Radhakrishna V	U R Rao Satellite Centre, ISRO, Bengaluru et al
		Realization of Low Absolute Power Measurement System in the Range of -50 dBm – -110 dBm up to 40 GHz to Establish the traceability and its associated uncertainty	Shreeyansh Golhani	Space Applications Centre, ISRO
		Realization of Spectrometer operating in Visible and Near-Infrared	Kumar Rishav	Space Application Centre, ISRO
		Selection of Sensor placement for collaborative mapping of IRNSS with Signals of Opportunity	T SRIDHER	Chaitanya Bharathi Institute of technology, Hyderabad
		Sparse Aperture Deployable Telescope for High-Resolution Imaging	Dheeraj Adlakha	Space Applications Centre (ISRO), Ahmedabad
		SSPACE Astrobiology Payload -1 (SAP -1)	Lokaveer A	Indian Institute of Space Science and Technology, ISRO
		Stray light Analysis of a DYSON Spectrometer operating in Long wave InfraRed Region	Ayushi Malviya	Space Applications Centre, ISRO, Ahmedabad
		Stressed Mirror Polishing Demonstration using Kinematic Loading Configurations on a Scaled-down Model	Nishchith Bhat	Laboratory for Electro-Optic Systems, ISRO
		Structural Design and Analysis of Mirror Module Assembly for X-ray Telescopes for Cosmic Observations	Vivek Prabhakar	URSC Bangalore
The analog front-end in ASSR-VLF receiver	Ramesh Krishna B	Bangalore University, Bengaluru		
Thermal system performance of indigenous atomic clock on-board NVS-01 spacecraft	Vinod Kumar Gupta	U R Rao Satellite centre, ISRO, Bengaluru		
Wafer Scale Linear Charge Coupled Device for Space based Multispectral Remote Sensing	Ayush Kumar	Space Application Centre, ISRO		
Multi-Mode Data Processing Electronics for Space-Based Solar Observation Payload	Namita Singh	Space Application Centre, ISRO		

		Design and development of Neutral and Ion Mass Spectrometer (NIMS) for future planetary space missions	Mr. Piyush Sharma	Physical Research Laboratory
		In-house Design and development of Readout electronics for the high sensitivity of PAT detector	Prathamesh Santosh Rane	SAC, ISRO
		Development and characterization of focal plane assembly for panchromatic channel of high-resolution optical payload	Mr. Ravi Prakash Atreya	SAC, ISRO
		Optical design of an extreme-ultraviolet (EUV) spectropolarimeter for coronal observations of the Sun	Raveena Khan	Indian Institute of Astrophysics, University of Calcutta
		Prediction of Android GNSS Smartphone Navigation Path using Machine Learning Algorithms for Future Navigation Applications	DR PERUMALLA NAVEEN KUMAR	Osmania University, Hyderabad and Survey of India, Hyderabad
		REALISATION OF OPTICAL IMAGING SENSOR FOR OCM-3 OF OCEANSAT-3 MISSION	Dhrupesh Shah	SPACE APPLICATIONS CENTRE, ISRO
		Venus Solar Soft X-ray Spectrometer (VS3) on-board Venus Orbiter	Tinkal Ladiya	Physical Research Laboratory
		Silicon Carbide (SiC) thin films-based hydrogen gas sensors for aerospace applications	Yogendra K. Gautam	Charan Singh University Meerut, U.P
		A new approach in pulse amplitude measurement technique for radiation or particle detectors	Arpit Patel	Physical research laboratory
		DEVELOPMENT OF AUDIO COMMUNICATION SYSTEM FOR MANNED SPACE MISSIONS	HARSH TRIVEDI	SAPCE APPLICATIONS CENTRE, ISRO
		Experimental Studies Using COTS Magnetic Sensor for Measuring Magnetic Fields in Geospace Environment	Chintamani Pai	Kumaraguru College of Technology, Coimbatore
		On-board Radiation Spectrometer for the upcoming Indian Human Spaceflight Missions	Kiran M Jayasurya	UR Rao Satellite Centre, ISRO, Bengaluru
		Thickness dependent persistent photoconductivity in β -Ga ₂ O ₃ thin film photodetectors	Rohit Dahiya	Research Scholar
		Ultra-Fast Photodetection Using Conformal Deposition of Ultra-Thin Amorphous Ga ₂ O ₃ Films on Nano-rippled Substrate via Unconventional Si Doping	Rakhi	Indian Institute of Technology Ropar, Nangal Road, Rupnagar, Punjab
		A Comprehensive analysis of Android Smartphones' GNSS Positioning and Signal Strength in Indoor and Outdoor Environments	DR PERUMALLA NAVEEN KUMAR	Osmania University, Hyderabad and Survey of India, Hyderabad
		A Comprehensive Approach to Integrity Monitoring through Broadcast Ephemeris of NavIC	Dr.P.Naveen Kumar	Chaitanya Bharathi Institute of Technology, Hyderabad, India
		Towards trapping of a single atom for quantum information application	Dr. Gunjan Verma	Raja Ramanna Centre for Advanced Technology, Indore-452013
		Advancements in Quantum Communication for Secure Space-Based Data Transmission	Gourav Mohanan	Dayananda Sagar University(DSU), Vellore Institute Technology(VIT)
		design and development of helio gyro solar sail for sustainable space exploration	Oscar Michel N	MVJ College of Engineering
		DESIGN OF ORBITAL PAYLOAD TRANSFER VEHICILE	DHARUN M	Mvj college of engineering,vtu
		PCO Configuration Design with Optimal Acquisition and Maintenance using Continuous Thrust	Anand Kumar	UR Rao Satellite Centre, ISRO, Bengaluru
		Quantitative comparison of important plasma propulsion engine parameters for deep space missions	Dr Subrata Jana	Mody University of Science and Technology
Date/Day	Session Name	Time: 3.30 to 4.30 pm	Presenting Author	Affiliation
Day-4 (29 Feb)	AI-ML	Aeromedical Support to Short-duration Human Spaceflight	Squadron Leader (Dr) Gaurab Ghosh	Institute of Aerospace Medicine, Indian Air Force
		Post Flight Rehabilitation of Astronauts: Aeromedical Considerations	Dr Polash Sannigrahi	Indian Air Force
		Space Pharmacovigilance: Safeguarding Astronaut Health in the Era of Human Spaceflight	Subhajit Hazra	University Institute of Pharma Sciences (UIPS), Chandigarh University, Mohali
		USING SIMULATED MICROGRAVITY TO GENERATE THREE-DIMENSIONAL BIOENGINEERED LUNG ORGANIDS	DAN C. WILKINSON	David Geffen School of Medicine at the University of California, USA

Can Lunar Regolith Support Crop Plant Growth	Ravikumar Hosamani	1University of Agricultural Sciences, Dharwad (UASD), Karnataka, 580005, India
Passive Resistive Exercise Device for Astronauts in Microgravity	Affan Nadeem Qazi	BITS Pilani(KK Birla Goa Campus)
Automated Re-entry Prediction of Uncontrolled Space Objects	Pooja Dutt	Vikram Sarabhai Space Centre (VSSC)-ISRO
Design of Uneven Step Angle Technique Based Asteroid Mitigation for Future Planetary Mission	Mr.C.Sathiyavel	Vivekanandha College of Technology for Women,Tiruchengode.
Chandrayaan-3 Propulsion Module Return to Earth Orbit: An experiment	Satyendra Kumar Singh	U R Rao Satellite Centre, ISRO, Bengaluru- 560017, India
Investigating Temporal Variability in the Black Hole Binary GRS 1915+105 through Energy-Dependent Analysis	Ruchika Dhaka	IITK, IUCAA, IITK, IITK
Design of 3D Printing Satellite to Hoard the Space Debris by using Impediment of Water	Mr.C.Sathiyavel	Vivekanandha College of Technology for women,Tiruchengode.
On the modelling of planetary drilling mechanics in the context of a lunar sample return mission	Nirbhay Kumar Upadhyay	Physical Research Laboratory, Ahmedabad-380009, India
Data association filter for Onboard Tracking of Space Objects for Rendezvous	Piyush Kumar Gaurav	ISRO, ISRO, IIT Kanpur, IIT Kanpur
ECOSYSTEM AND INCUBATION CENTRE FOR SPACE START-UPS	Hariharan V K	ISRO
A Sensitivity Analysis of Conjunction Assessments Using Diverse Data Types	Subramanian Arumugam	Digantara Research and Technologies Pvt. Ltd
Case Study of AI and ML Applications in Human Space Programme	Utkarsh Saxena	Human Space Flight Center (HSFC), ISRO
CROP HEALTH MANAGEMENT IN MILLETS USING SATELLITE IMAGERY AND NEURAL NETWORKS.	Apameya M Haritsa	JAIN (Deemed-to-be University), Bengaluru, Karnataka India
Endmember Bundle-based Spectral Unmixing for Lunar Surface Mineral Mapping using Chandrayaan-2 IIRS Hyperspectral Imagery	Dr. Touseef Ahmad	Space Applications Centre, Ahmedabad, ISRO
Enhancement of Lunar Digital Terrain Model from High Resolution Images using Deep Learning	Md Aminur Hossain	Space Applications Centre, ISRO, Ahmedabad-380015
Feature optimized ensemble Deep Learning for Solar Flare forecasting across varied intensity classes	Pinaki Ranjan Sarkar	Satish Dhawan Space Centre
Multispectral Image Denoising using Deep Residual Learning based Denoiser	Subhajit Paul	Space Applications Centre ISRO
Predictive Modelling of Stellar Chemical Abundances from Low Resolution Spectra using Machine Learning	Vibhav S. Mangalore	Central University of Kerala
Radiometric Correction Using AI Techniques	Dimpy Sharma	Space Applications Centre , ISRO
Random Frame Loss Reconstruction in Satellite Imagery using Deep Neural Network	Abhishek Kumar Sinha	Space Applications Centre, ISRO
Satellite Photometry Image Data Processing (SPIDAP) software for space object detection and identification in geosynchronous regime)	M. R. Rajesh Kannan	Master Control Facility, ISRO
Small object detection in Remote sensing data using Deep Learning	Reedhi Shukla	NRSC,ISRO
Unsupervised Learning Techniques for Hyperspectral Image Segmentation of EMIT dataset	Kanav Avasthi	Nirma University, Ahmedabad, India
Planetary explorations using laser induced induced breakdown spectroscopy: Detection limits and sensitivity	Prashant Kumar	Physical Research Laboratory, Ahmedabad
Deformable-Attention based Network for Effective Restoration of Satellite Images via Surrogate Paired Datasets	Ashutosh Gupta	SAC-ISRO
Closing		