

Firstname	Lastname	ID	Poster/Title	Date	Time	Screen
Siva	Gund	82021	Insatellite, Independent India: Galaxy, Moon and 21st Century Solar System Complete	2028-03-08	13:20-13:30	81
Vishvash	Sultakar	82030	AI-Driven Detection of Resident Space Objects (RSOs) Using Monochromatic Wide-Field Imaging for Space Situational Awareness (SSA)	2028-03-08	13:30-13:40	81
Venkata	REDDY	82108	System-Level Ground Experimental Simulation Tests on MCM Propulsion System	2028-03-08	13:10-13:20	81
Mayank	Kumar	82134	Aerothermodynamic Design & Characterization for a Typical Lunar Sample Return Module	2028-03-08	13:40-14:00	81
Jatya Bhattach	Shukla	82722	Re-Entry Vehicle Antenna Systems: Challenging Design, Development and Challenges	2028-03-08	13:40-13:50	81
Muhamad	Jassar	82034	Orbital Cleanup Rover (OCR)	2028-03-08	13:00-13:10	81
SRIJ, KAMU	JALAN	83608	Structural Dynamics Design and Validation through testing of PSLV Payload Fairing	2028-03-08	13:00-13:10	82
Ashray	Sharma	82724	Supply Chain Challenges and Solutions for SEE Parts in Space Applications	2028-03-08	13:40-13:50	82
Dai	Asah	82096	Lunar Polar Exploration (LUPER) Project: Latest Status of the Project	2028-03-08	13:10-13:20	82
Marlin	KryozU	83866	Challenges of scheduling Ground Infrastructure for Lunar Communication	2028-03-08	13:40-14:00	82
Anrogh	Vagh	83088	Hybrid Solar Sail and Electric Propulsion Systems for Deep Space Exploration	2028-03-08	13:20-13:30	82
Pijusika	Shukla	82988	Autonomous Swarm Robotics in Planetary Missions: Design, Applications, and Challenges	2028-03-08	13:30-13:40	82
Anish	Kabirum Madani	83389	Relevance and the scope of the development of physics based models for the Planetary atmosphere/ionosphere	2028-03-08	13:30-13:40	83
HRUDH	VERMA	82010	Evaluation of microstructure of multicoated substrate for additive manufacturing of dissimilar materials	2028-03-08	13:00-13:10	83
Prasen Kumar	Saha	83328	MICRO REACTOR PROCESS DESIGN FOR HYDROXYLAMMONIUM NITRATE (HAN) – A VERSATILE GREEN PROPELLANT FOR SPACECRAFTS	2028-03-08	13:20-13:30	83
Ananya	Mastakurandy	83271	Design of a Modular Docking Adapter for an Autonomous Cubesat Rendezvous and Docking Mission	2028-03-08	13:40-13:50	83
Deepan	M	83249	Multi-Sourced AI model for Comprehensive Spacecraft Operations	2028-03-08	13:10-13:20	83
Anantika	Bhagat	83803	Autonomous In-Situ Resource Utilization on the Moon: A Feasibility Study of 3D Printing with Lunar Regolith	2028-03-08	13:40-14:00	84
SHOME	SR	82084	Brain Artery in Microgravity (BRAB): Design and Development	2028-03-08	13:10-13:20	84
Dhruv Kumar	Jha	82380	Generalized Guidance Scheme for Descent of Launch Vehicle Terminal Stage Using Altitude Control Thruster	2028-03-08	13:00-13:10	84
SatishKumar	Ramachandran	83837	The Future of space infrastructure: orbital fuel stations for extended mission beyond	2028-03-08	13:20-13:30	84
and Kumar	singh	83328	Mission Operation management challenges and mitigation strategy for Aditya-L1 Mission	2028-03-08	13:40-13:50	84
BRUNO	PRACHIN	83800	Exploring India's optical surveillance strategy in the context of upcoming large constellations	2028-03-08	13:40-14:00	85
Mridul	Bengulya	83749	Development of In-House Variable Speed Control Moment Gyroscope based Satellite Attitude System Test Bench	2028-03-08	13:30-13:40	85
Anan	Bhaskar	83034	A Hybrid Hardware in-Loop Approach to Fault Prediction Simulation in satellite ADCS architecture based on 3-Axis Reaction Wheel: Integrating Probabilistic and Statistical ML Models with Traditional	2028-03-08	13:20-13:30	85
Priyam	Varma	83741	A Dual-Mode Pose Estimation Framework Using Monocular Vision and ArUco Markers for close proximity operation with cooperative targets	2028-03-08	13:40-13:50	85
Anuradha	V	82280	A Miniaturized Laser Firing Unit with Tunable Power Output	2028-03-08	13:00-13:10	85
Igor V.	Sorokin	82103	Commercial-satellite onboard the Russian Orbital Station	2028-03-08	13:10-13:20	85
Marina	Chouharian	82034	Jedrych: Sustainable LEO Vehicle for Supplying Space Stations and Enabling Space Tourism	2028-03-08	13:20-13:30	86
Shubini	Suresh	83798	Investigating potential applications of Lorentz force for spacecraft formation flying with reduced fuel consumption	2028-03-08	13:30-13:40	86
Surya Vakhari	QVR	83888	Life Support System in a Space Settlement	2028-03-08	13:00-13:10	86
YOJIA RAVI SUDH	KOTAMSETTY	82078	Gallium Nitride based Phase Shifted Full Bridge Electronics Power Conditioner with Energy Recovery Switcher for Life Support System Actuation	2028-03-08	13:40-14:00	86
Alivada	Raman	82017	COGNITIVE BEHAVIORAL THERAPY FOR LONELINESS AND ISOLATION OF ASTRONAUTS IN SPACE MISSION	2028-03-08	13:40-13:50	86
Giuseppe	Sacco	83070	Building an Extra-Vehicular Activity (EVA) baseline motor behavior reference system as a tool to detect atypical behavior	2028-03-08	13:10-13:20	86
Rakhiya	Gupta	82287	Thermal Effects of Air Gaps and Sweat Layers on Wearable Health Sensors: A Comparative Study of Earth and Space Environments	2028-03-08	13:30-13:40	87
Tajamdeen	Sharma	83817	Building a Global Framework for International Collaboration Through Satellite, Science Communication and Policy Generation	2028-03-08	13:40-13:50	87
Nishi	Nishi	83841	Exploring the Moon with Hopping Robots: Enabling Efficient, Dynamic Mobility for Lunar Surface Exploration	2028-03-08	13:10-13:20	87
Shivam	Swaminathan	82007	Real-Time Powered Descent Guidance for Mars using a Multi-Level Optimization Algorithm	2028-03-08	13:20-13:30	87
Anna	Estalache	82088	Cultural Imaginaries of Contemporary Space Exploration Missions in India, United States, New Zealand and Antarctica: A Comparative Analysis	2028-03-08	13:00-13:10	87
SCMESHI	S	83736	Challenges in Spacecraft Mission Operations of Next Generation Oceanographic Satellite SCOS-08	2028-03-08	13:40-14:00	87
Yamir	Noor	83003	International collaboration for an innovative electro-optical payload for EO	2028-03-08	13:40-13:50	88
Maxim	Puglov	83288	The concept of ballistic missions to redirect spacecraft from Station points to near-Earth asteroids	2028-03-08	13:20-13:30	88
Saath Chandra	Nar S	83870	Numerical and experimental evaluation of effect of propellant acquisition system in propellant tanks of a lunar lander mission on its slosh behavior for control stability studies for lunar exploration	2028-03-08	13:10-13:20	88
Anand Raj	Raju	82688	Open-Loop Trajectory Analysis for Lunar Soft Landing for Chandrayaan-3 Lander-Mission	2028-03-08	13:40-14:00	88
SHREEDITH	TV	83875	Intellectual property protection in space technology: Global perspectives	2028-03-08	13:30-13:40	88
VEDHA	K A	83811	Augmenting an S-Band Telemetry Reception Terminal for C-Band Satellite Telemetry Reception During Launch Phase	2028-03-08	13:00-13:10	88
Sai Venkata Laksh	A	82028	AI based Crater Detection on Moon and Planetary Surfaces	2028-03-08	13:20-13:30	89
Sateja	Rudhru	83034	Dynamics of alternative mechanisms for crew injury mitigation during water landing of space habitat modules	2028-03-08	13:00-13:10	89
Alberto	Bianchi Zamboni	82002	Theoretical Models for Peaceful Space Colonization: A Restorative Justice Approach	2028-03-08	13:10-13:20	89
Suresh	Suresh K	83003	Computer Vision aided Absolute Navigation and Hazard Avoidance for Powered Landing near Lunar South Pole	2028-03-08	13:40-14:00	89
Kishna	SRN	83198	Development of Hydroxyl-Catalysis Bonding for Hemispherical Resonator Gyroscope	2028-03-08	13:40-13:50	89
Rishabh	Mishra	83001	PGS-IV (PGS-RT Interface for TMTC, Health and Visibility Integrated System)	2028-03-08	13:30-13:40	89
Musafar	Shahid	82762	Financial Frameworks and Intellectual Property Evaluation for Successful Technology Transfers in the Space Sector - Indian Case Study	2028-03-08	13:10-13:20	90
ANSHUMAN	SHARMA	83786	Antenna Network planning for a Deep Space Mission	2028-03-08	13:40-14:00	90
Vladimir	Zakhu	82041	A Study on the Exploration of the Solar System Beyond Jupiter's Orbit by Using Small Satellites	2028-03-08	13:30-13:40	90
Sathish	Chandran	82228	Photovoltaic-Cyanide Ester Interpenetrating Network (PIN) as Matrix for Light-weight TPS Composites: Thermal and Kinetic Characteristics	2028-03-08	13:00-13:10	90
Jayden	Pradhep	83808	Climatical Characteristics of the Venusian Atmosphere: Insights for Future In-situ Exploratory Missions to Venus	2028-03-08	13:40-13:50	90
Musafar	Shahid	82088	Developing a Robust Supply Chain for the Indian Space Sector through Effective Technology Transfers	2028-03-08	13:20-13:30	90
Anil	Muthurjee	82900	India's Future Collaborations in Space: Prospects	2028-03-08	13:40-14:00	91
Pritha	Acher	83888	Advancing Mars Aerial Exploration: Preliminary Design, Analysis and Optimization of a Bio-Inspired Martian UAV	2028-03-08	13:20-13:30	91
Rajul	Rumale	83764	Decentralized Swarm for Planetary surface Exploration	2028-03-08	13:30-13:40	91
Kishna	Sudhakar	82043	Biocompatible Menstrual Hygiene Solutions for Microgravity	2028-03-08	13:40-13:50	91
Saladil	Das	83788	A detrimental relationship of Silicon biomineralization on calcium biomineralization: a vital issue in Space biomineralizing	2028-03-08	13:00-13:10	91
Shwami	Tendram	83804	Experimental Investigation and Development of Novel Flame-retarded Composites for Microgravity Environment	2028-03-08	13:10-13:20	91
Gagana	Y	83893	Enabling Swarm Bots Sustainability: Wireless Charging for Exploring Lunar Lava Tubes	2028-03-08	13:40-14:00	92
Nicholas	Zajack	83871	Gaganyaan and The Haven Program: Opportunities for Collaboration	2028-03-08	13:00-13:10	92
Joel Emanuel	Figueredo Lopez L	82828	The Impact of Microgravity on Tryptal Dysfunctions and Their Physiological Challenges	2028-03-08	13:20-13:30	92
Aagam	Jain	82078	Advancing Sustainable Martian Habitat Construction: In-Situ Resource Utilization and Biocast/Vinyl Composites for Enhanced Durability	2028-03-08	13:10-13:20	92
Rishi	Mahesh	83788	Dynamic Design for Roovers: Enhancing Mobility and Stability in Martian Terrains	2028-03-08	13:40-13:50	93
Suhani	Cuhari	83228	Neerby Box features study using Method of characteristics	2028-03-08	13:00-13:10	93
Ugur	Guven	82708	Establishing a Moon Village Using In-Situ Resources and Nuclear Energy	2028-03-08	13:10-13:20	93
Vidhi	Panshal	83887	an investigation of the effect of dust particles on the plasma thruster	2028-03-08	13:20-13:30	93
Devani	Hemavaram	82003	Robotic contributions in space: advancements, applications, and implications for future space missions	2028-03-08	13:40-14:00	93
Deep	R	83862	Thermal Protection System Architecture and Developmental Challenges for Human Space Flight Mission - A Perspective	2028-03-08	13:40-14:00	94
Aayush	Deshai	83700	Design and Implementation of a Soft Gripper Robotic Arm for Advanced Autonomous Operations in Space Exploration	2028-03-08	13:10-13:20	94
HIRSHMAN	V K	82000	Space science and technology education in Indian universities	2028-03-08	13:00-13:10	94
Mithun	Baruah	83042	Design of a Collapsible Testbed for Fatigue Study in Humans	2028-03-08	13:10-13:20	94
Prasanth	Gadik	83808	Helical Antenna Control System: An Indigenous Solution for Tracking Reusable Launch Vehicles and Re-entry Missions	2028-03-08	13:30-13:40	94
SMITHA	K K	82200	World defect detection and classification using Deep Learning	2028-03-08	13:20-13:30	94
Rijoy Kumar	Dai	83014	Automated Spacecraft Health Anomaly Detection Using YOLO Based Deep Learning Models	2028-03-08	13:00-13:10	94
Sushant Kumar	Sethur	83738	Thruster plume and regolith impingement effects on lander bottom deck, and consequent thrust requirement reduction during lunar soft landing using DSMC	2028-03-08	13:20-13:30	94
Mahesh	Bhattacharya	83827	Enhancing UNOOSA's Mandate: A Mission-Oriented Approach to Balancing Innovation and Regulation in Space Governance OR	2028-03-08	13:00-13:10	94
Nandakumar	KC	82288	Soft-ice Implementation for Lunar Resource Extraction	2028-03-08	13:10-13:20	94
Denis	Egashin	82728	Application of computer vision technologies for enhancing perspective deep-space propulsion	2028-03-08	13:00-13:10	97
ABHIRAM	Ghosal	82800	Autonomous Space Missions: Reinforcing Accuracy and Risk Mitigation in Extraterrestrial Exploration	2028-03-08	13:40-14:00	97
Aayusha	Singh	82087	Relativistic Effects on Spacecraft in Interstellar Travel: Examining Time Dilation and Relativistic Energy in Deep Space Missions	2028-03-08	13:00-13:10	98
Anish	Roy	82862	Investigating the Behavior of Dark Matter-Analogous Particles in Microgravity Environments: A Hypothetical Study	2028-03-08	13:10-13:20	98
Tashit	Kashik	83888	AI-Enhanced Bio-Inspired Design for Aerospace Structures to Improve Fuel Efficiency and Reduce Environmental Impact	2028-03-08	13:40-13:50	98
Chitra	Sumana	83848	Exploring the Efficacy of Landing Experiments	2028-03-08	13:00-13:10	98
Gengxin	Xu	82001	The first biological experiment on the moon and study on the construction of a habitation station base on planet lune	2028-03-08	13:20-13:40	98
Rakesh	Kumar	83078	Numerical Investigation of Dust Dispersion during Lunar Landing using a Two-way Coupled DSMC-DEM Approach	2028-03-08	13:00-13:10	99
Hemik	Kumar	83738	Mapping the Stars Together: The Added Value of Gamification	2028-03-08	13:30-13:40	99
Sangeetha	Geetha Rajasekh	83887	Simulation study of end-on end motion of serial robotic manipulator for spatial maneuverability	2028-03-08	13:40-14:00	99
Rishika	Aravathi	82781	Propelling Without Expelling Fuel: Examining the Potential of Reactionless Propulsion in Deep Space Exploration Missions	2028-03-08	13:20-13:30	99
Aagam	Jain	91800	Optimizing Solar Sail Deployment for Space Exploration Using Novel Shape Memory Alloys	2028-03-08	13:00-13:10	99
Mangalika	Hemika	83878	Sustainable practices for ensuring labor rights in outer space	2028-03-08	13:40-13:50	99
Devendra Kumar	Jangir	82078	Telecommand(TC) Encoder and Telemetry(TM) Acquisition System for BRD NanoSatellite-2 (NB-2) Series Spacecrafts	2028-03-08	13:10-13:20	99
Pijushu	Kumar	82808	A Cubesat-based On-Orbit Additive Manufacturing Experiment in LEO	2028-03-08	13:10-13:20	99
Suhag	Hansa	83888	Does Microgravity Impact Membrane Potentials and Neuronal Excitability? - A Hypothesis	2028-03-08	13:30-13:40	99
Genika	Enika Sankar	82738	Alternative Funding Models for Advancing the Space Industry in Developing Countries: The Role of International Development Cooperation	2028-03-08	13:40-14:00	99
Vishal	Shukla	83788	Comparison of error control code for spacecraft docking operations	2028-03-08	13:00-13:10	99
Zarnail	Chakraborty	83894	Ground-Based AI Simulations for Asteroid Resource Mapping and Extraction: A Preparatory Framework for Space Missions	2028-03-08	13:20-13:30	99
PEELIA	MANJSA	82738	Legal Aspects of Space Traffic Management: Ensuring Safe and Sustainable Operations in Orbit	2028-03-08	13:40-13:50	99
Aagam	Jain	91888	Ascension on Ares: An Integrated Dual-Lander System for Fuel Transfer and Crew Operations on Mars	2028-03-08	13:40-14:00	99
Ananda	Pedraza-Rodriguez	82001	A study on the effect of Oncolytic viruses on Tumor cell-line under Microgravity	2028-03-08	13:20-13:30	99
Kanya	Musali Pathirana	82738	Neuromonomics: Optimization of In-Situ Resource Utilization for Sustainable Long-Duration Space Missions	2028-03-08	13:00-13:10	99
Sanjay Joseph	Chacko	83700	Lower dimensional Modeling of Water Impact on Crew Module	2028-03-08	13:10-13:20	99
Devika	Peterson	83808	Applicability of the ENMCO Convention to Outer Space	2028-03-08	13:30-13:40	99
Tellu	Chacko	83014	Orbit determination system for Aditya-L1 Mission	2028-03-08	13:30-13:40	99
DURG PRASAD	KARANAM	83888	In-situ Routing for Waterfall at Lunar Poles using PRATHIMA experiment onboard BRD-JANA LuPEX Rover	2028-03-08	13:00-13:10	99
SUBARNA	BAZARPA	83000	moving outside instruments from defunct satellites	2028-03-08	13:40-13:50	99
Puneet Kumar	Agrawal	83882	High-Accuracy Relative Navigation on HAPISLEO platforms	2028-03-08	13:10-13:20	99
Priya	Alain de Carvalho	82008	The colonization of space: law and the international governance of the moon	2028-03-08	13:40-14:00	99
Neha	Bony	82781	Design of a Self-Checking Processor Pair Based Radiation-Tolerant Onboard Computer Using COTS Components for Deep Space Missions	2028-03-08	13:10-13:20	99
Rishi	Shukla	83880	Novel guidance and navigation suite for enabling autonomous landing and hazard avoidance	2028-03-08	13:40-13:50	99
Nicole	Lee	82808	Analysis and Forecast of Direct-to-Cellular Satellite Communication in the Space Economy	2028-03-08	13:20-13:30	99
Nashib	Mishra	83814	Ethical considerations in implementing AI systems in Space Activities	2028-03-08	13:00-13:10	99
Chinmay	Roy	83862	Robotic Ambassadors: Legal and Policy Challenges in AI-Driven Space Exploration	2028-03-08	13:00-13:10	99
Sudhansu	Sahu	83887	Adaptive Control and Time-Delay Compensation in Teleoperation of Free-Flying Space Manipulators in Low-Earth Orbit	2028-03-08	13:40-13:50	99
Subrahmanya	Shinde	82738	Autonomous path-planning for rovers using pseudoglobal calibration	2028-03-08	13:40-14:00	99
Dipendranath	Swain	91884	Indian Launch Vehicle Options for Building Bharatya Antariksha Station (BAS) and Beyond	2028-03-08	13:40-13:50	99
ARUNAM	CHAKRABORTY	83880	Approach to Spacecraft Mission Assurance through Pre-Launch Preparatory Activities	2028-03-08	13:00-13:10	99
Bhattachajen	K	82808	Theoretical Analysis of Zipline system for Crew Emergency Egress at Launchpad	2028-03-08	13:30-13:40	99
Lucia	Nicolina	82888	Virtual Planetarium: A dynamic immersive tool for the exploration of possible exoplanet surfaces and atmospheres	2028-03-08	13:40-14:00	99
Anji	Mithun	83078	High-Peak Power Solid-state Transponder for Critical Applications	2028-03-08	13:30-13:40	99
Ranjani	K	82096	Fault Handling Schemes in the Embedded Software for Sequencing Systems in Orbital Missions	2028-03-08	13:00-13:10	99
SURAJEST	MOHANTY	82738	Single-Step High-Pressure Electrochemical Oxygen and Hydrogen Generation Systems for Sustainable Space Habitatation	2028-03-08	13:20-13:30	99
Saurabh	GuptaRajy	82740	Superresolution Image Processing for Planetary Navigation Maps with Semi-Global Matching and Superpixel Segmentation	2028-03-08	13:40-14:00	99
Geetan	Shree	82881	Design and Analysis of a Vacuum Rocket Launch System for High-Altitude-Orbital Insertion	2028-03-08	13:40-13:50	99
Heda	Eimengherbel	83800	Survey of challenges and technologies for navigation, communication and autonomous operations on the far side of the moon	2028-03-08	13:00-13:10	99
PALLABHARICI	SHREECHAKR	82008	Empowering the Next Generation of Space Explorers - A multidimensional approach followed by ISRO, ISMR, ISRO	2028-03-08	13:10-13:20	99
Deepo	Priest Reyes	82764	Optimizing Deep Space Operations: The Impact of LoRa on Crew Communication and Productivity	2028-03-08	13:00-13:10	99
Shreshth	Shankar	82843	Multidisciplinary applied microbiology research to improve human health and enable longer stays in space: of microbes and modeling	2028-03-08	13:40-13:50	99
SAJU	S	83078	BigData Analytical Framework For Launch Vehicle Astoria System Automated Clearance Using Advanced ML Algorithms	2028-03-08	13:40-14:00	99
R M	Manohara	82887	enhancing spacecraft autonomy with transfer learning and generative ai	2028-03-08	13:20-13:30	99
Chippy	V	83008	Application of Machine Learning for Real-Time Fault Detection and Predictive Maintenance during Structural Testing of Cryogenic Launch Vehicle Hardware	2028-03-08	13:30-13:40	99
R M	Manohara	82880	Integrating space science and STEM education: preparing the next generation of space explorers	2028-03-08	13:10-13:20	99
Sabin	S Sabin					