

## Shortlisted Teams for Grand Finale of Bharatiya Antariksh Hackathon (BAH) - 2025

PS.No.	Problem Statement Description	Shortlisted Teams	Student Names	College/University
1	Simulation/Modelling of Forest Fire Spread using AI/ML techniques	DDR-3	Dashpreet Singh, Rishi Chauhan, Daksh Singhal	IIT Jammu
		Tri-Q-AI	TharunPrasath, Vivek Vuppala, Mohammed Shadhila V, Lokesh S	IIST
2	AI based Help bot for information retrieval out of knowledge graph created based on static/dynamic content at web portal	G14	Prashast Sidhant, Parth Sarthi, Sourabh Singh Chandel, Shashank Vishwakarma	National Institute of Technology, Raipur
		NeuroNetics	Tathagato Das, Suyatra Goshwami, Tirthabrata Jana, Sovan Mandal	Techno Main Salt Lake
3	Monitoring Air Pollution from Space, by an integrated approach using satellite observations, ground-based measurements, reanalysis data and AI/ML techniques.	VAAYURAKSHAK	Vibhor Mittal, Dev Taneja, Bhavika Panpalia, Atharva Joshi	Pune Institute of Computer Technology
		GeoMinds	Pragati Jain, Harsh Awasthi, Kunjai Varshney, Ayush Goyal	Aligarh Muslim University
4	Designing a chain of thought based LLM system for solving complex spatial analysis tasks through intelligent geoprocessing orchestration	GeoSync	Jainam Barbhaya, Mohammed Anus Khatri, Aditya Hakani,	Dwarkadas J. Sanghvi College Of Engineering; Fr. Conceicao Rodrigues College of Engineering; Vidyavardhini's College of Engineering and Technology;
		Thrishul	Santhana Srinivasan R, Bhadresh L, Yaswitha Nandu Yalamanchali	IIITDM, Kancheepuram

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5	Chase the Cloud: Leveraging Diffusion Models for Cloud Motion Prediction using INSAT-3DR/3DS Imagery	Rocket League	Mayank Jangid, Kushal Khemka, Kkartik Aggarwal, Krish Bansal	Delhi Technological University
		DOMinators	Krish Vaghasia, Nisarg Vashi, Heli Shah, Hensi Patel	Nirma University
6	AI/ML-driven automated feature detection and change analysis of glacial lakes, road networks, and urban drainage systems from multi-source satellite imagery	StratoLense	Nandini Jaiswal, Abhijeet Moghe, Snehal Tripathi, Eshank Ryshabh	G.H. Raisoni College of Engineering, Nagpur
		Technocrats	Rochan Awasthi, Sayali Bambal, Atharva Bhede, Uday Bhoyar	SVP CET
		Cosmos Warriors	Monty Milan Biswal, Bivesh Kumar Dalai, Sneha Pathak	SRMIST Kattankulathur
7	Developing Algorithm for Air Quality Visualizer and Forecast App to generate granular, real-time, and predictive air quality information, especially in smaller cities or rural areas.	VayuNetra	Vatsal Jindal, Ansh Jaiswal, Anisha Deb, Ayushi Gupta	Manipal Institute of Technology, Manipal
		The AI Alchemists	Bhargavi Macchi, Manush Sanchela, Mayur Kapadi	Government Engineering College Gandhinagar
8	Novel Approaches for Optimizing Deep Learning in Earth Observation with Imbalanced Data	Deep Trace	Tushar Das, Shubham Pandey, Rishav Kashyap, Swayam Agarwal	National Institute of Technology, Jamshedpur
		HACKANESH	Soumili Saha, Soumyajit Pramanik, Pushkar Mondal, Ricky Dey	B. P. Poddar Institute Of Management And Technology; Techno International New Town

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9	Developing an AI/ML-based algorithm for identifying tropical cloud clusters using half-hourly satellite data from the INSAT	Cloudnatics	Sagnik Mandal, Debmalya Paul, Swastidip Maji, Koushiki De	Heritage Institute of Technology, Kolkata; IISER Kolkata
		KaaryaKarthas	Karri Jaswanth, Villuri Sri Lakshmi Iswarya, Karri Keerthi, M.K.V Vinay	Vignan's institute of information and Technology
10	Identifying halo CME events based on particle data from SWIS-ASPEX payload onboard Aditya-L1	Bug Trio	Arpit Chaudhary, Deepesh Ahlawat, Chaitanya Sharma	Dr. Akhilesh Das Gupta Institute of Professional Studies
		Team Amrit	Divrose Kaur, Ishpuneet Singh, Uday Pratap Singh Atwal, Daraspreet Singh	Thapar Institute of Engineering & Technology
11	Novel method to detect landslides & boulders on the Moon: Using Chandrayaan images	ML Enthusiasts	Siddharth Doshi, Altamash Shaikh, Aniska Bachar, Jeet Jain	Sardar Patel Institute of Technology; Thakur College of Engineering and Technology
		Bloodbourne	Bhuwan B, Avinash A, Nishanth P, Padmanaban G	Rajalakshmi Engineering College
12	Dual image super resolution for high-resolution optical satellite imagery and its Blind Evaluation	HumbleOps	Cyril Jacob, Basil Shaji, Ayush David	Karunya Institute of Technology and Sciences
		Mangal Mandli	Saksham Gupta, Nalin Goel, Govid Akash Sanghani, Yashvi Mehta	IIT Guwahati
13	Generation of High resolution Lunar Digital Elevation Model from Lunar Images using Photoclinometry (Shape from Shading)	CXON	Tilak Devi, Raghav Gohil, Meet Bhesaniya, Parthavi Mahajan	D.J. Sanghvi College of Engineering, Mumbai

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		Moonpeaks	Paaritosh Jain, Ananthula Abhivardhan, Aatif Hasan	Indian Institute of Technology, Kanpur
		CRYPTARCHS OF SELENE	AJAY BHARATHI A, Sridhar.S, Neha J M, Vaishnavi Reddy	Anna University Regional Campus, Coimbatore; Presidency University, Bangalore; Sir M.V. Institute of Technology, Bangalore
14	Robust Change Detection and Monitoring and Alert System on user defined AOI using Multi-Temporal Satellite Imagery	The cache crew	Unnati Narayan, Raj Kumar Singh, Amol Chaurasia	Guru Nanak Institute of Technology
		Epoch-nauts	Komil Kantilal Parmar, Aaryan S. Gotad, Dhairya A. Pandya, Pushkar Kumar Vats	IIT Guwahati