

# ISRO BHARATIYA ANTARIKSH HACKATHON 2024

Team Name	Problem Statement	Team Lead Name	College Name
10011	Identification of safe navigation routes on the Moon using Chandrayaan Images	Mankirat Singh	Thapar Insititute of Engineering and Technology
		Navdeep singh sidhu	Thapar Insititute of Engineering and Technology
		Riya Sachdeva	Thapar Institute of Engineering and Technology
		Aditya Sapra	Thapar Institute of Engineering and Technology
aa2r	How much the Crab pulsar has slowed down since launch of AstroSat? Finding rate of spin down rate of Crab pulsar with AstroSat LAXPC and CZTI observations	Ayushi Chhipa	Indian Institute of Astrophysics
		Amrit Dutta	Indian Institute of Astrophysics
		Rupesh Behera	Indian Institute of Astrophysics
air benders	Lunar surface image simulation and Visualization	Steve Aurick	Panimalar Engineering College
		Shanmugam V	Panimalar Engineering College
		Sam Uel Joel	Panimalar engineering
		praveenkumar	PANIMALAR ENGINNERING COLLAGE
antriksha	Feature Extraction from Remote Sensing High Resolution Data using AI/ML	Aditya Krishna Jaiswal	Indian Institute of Information Technology Guwahati
		Krish Kahnani	Indian Institute of Information technology
		Pratham Agarwal	Indian Institute of Information Technology Guwahati
		Keshav Jindal	Indian Institute of Information Technology
asteroidnoodle	Identification of safe navigation routes on the Moon using Chandrayaan Images	Keval Shah	Dwarkadas J Sanghvi college of Engineering
		Rajat Masanagi	DJ Sanghvi College of Engineering
		Krish Thakkar	Dwarkadas J. Sanghvi College of Engineering
		Maaz Saboowala	Dwarkadas J.Sanghvi College of Engineering

blazingcomets	Generation of Rooftop Solar Energy Potential Map Using ML/DL Based Building Footprint Extraction	Ayushi Kandpal	National Institute Of Technology Goa
		Rakshitha Kalkura	National Institute of Technology Goa
		Gabriel Allwyn Dsouza	National Institute of Technology
buttermilk	Optimizing Urban Futures: Leveraging Digital Twins for Comprehensive Infrastructure Management	SHASHANK BANKER	Silver Oak College of Engineering and Technology
		Sahil Sharma	Silver oak collage of engeneering and technology
		Jay Patidar	Davv indore
code one	Optimizing Urban Futures: Leveraging Digital Twins for Comprehensive Infrastructure Management	VIGNESH E	St. Joseph's College of Engineering
		SNEKAN B	St.Joseph's College of Engineering
		SARUMATHY P	St. Joseph's College of Engineering
		Srivatsan S	St. Joseph's College Of Engineering
codecrusaders	Generation of Rooftop Solar Energy Potential Map Using ML/DL Based Building Footprint Extraction	Yash pandey	Dr. Akhilesh Das Gupta Institute of Technology and Management
		Rakshit Dabral	Dr akhilesh das gupta institute of professional studies
		Aman kumar Singh	Dr akhilesh das gupta institute of professional studies
		Abhigyan Ranjan	Dr Akhilesh Das institute of Professional studies
falcons	Nowcasting of Precipitation Systems using C-Band Doppler Radar Observations	Raj Mathuria	Bhartiya Vidhyabhavan's Sardar Patel institute of Technology
		Vishwajit Sarnobat	Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology
		Jash Shah	Sardar Patel Institute of Technology
		Vinayak Yadav	Spit
		RAM KUMAR R	KPR institute of engineering and technology

future fixers	Feature Extraction from Remote Sensing High Resolution Data using AI/ML	Raja Ram	KPR institute of engineering and technology
		RAKUL S B	KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY
		Ravindran LogaSanjeev	KPR Institute of Engineering and Technology
jigyasa	Spectral classification of Chandrayaan-2 IIRS using AI/ML for understanding geological diversity of the Moon	Suraj	Indian Institute of information and technology
		Sadhana Thirumangai Kalidoss	Indian Institute of Information Technology Kottayam
		Laavanya Rajan	Indian Institute of Information Technology Kottayam
		Harsh Vardhan Singh Chauhan	Indian Institute of Information Technology
jujutsu high	Optimizing Urban Futures: Leveraging Digital Twins for Comprehensive Infrastructure Management	Vishal kushwaha	Chandigarh University
		vinayak katoch	chandigarh university
		Vishal Sharma	Chandigarh University
		Ayush Ragbhotra	Chandigarh university
karkataka	How much the Crab pulsar has slowed down since launch of AstroSat? Finding rate of spin down rate of Crab pulsar with AstroSat LAXPC and CZTI observations	Avinash Kumar Paladi	Indian Institute of Science
		Vibhor Singh	Indian institute of science
		Kenil Ajudiya	Indian Institute of Science
		Abhisek Tamang	Indian Institute of Science & Raman Research Institute
khagola	How much the Crab pulsar has slowed down since launch of AstroSat? Finding rate of spin down rate of Crab pulsar with AstroSat LAXPC and CZTI observations	Himanshu Grover	Indian Institute Of Technology Roorkee
		Aromal P	Indian Institute of Technology
		BIKI RAM	Indian Institute of Technology
		Shyam Prakash V P	URSC, Bangalore
		Khushi Singh Rajpoot	Chandigarh University

lunarlegends	Voice enabled user interface for geospatial map based web-applications.	Anjali	Chandigarh University
		Ishani Jauhari	Chandigarh University
		Aastha Singh	Chandigarh University
lusine	Automatic detection of craters & boulders from Orbiter High Resolution Camera images using AI/ML techniques	Sambit Mallick	Heritage Institute of Technology
		Chitradeep Saha	Heritage Institute of Technology
		Aishik Paul	Heritage Institute of Technology
		Snigdha Paul	Heritage Institute of Technology
pragati	Feature Extraction from Remote Sensing High Resolution Data using AI/ML	SHREYASH VERMA	Indian Institute of Information Technology Nagpur
		Abhijeet Kaithwas	Indian Institute of Information Technology Nagpur
		Rishikesh dwivedi	Indian Institute of information technology nagpur
radar explorers	Nowcasting of Precipitation Systems using C-Band Doppler Radar Observations	Vaibhav Tyagi	Indian Institute of Technology Indore
		Nitig Singh	Indian Institute of Technology Indore
		Lekhraj Saini	IIT Indore
		Parvathy Thankachy	Indian Institute of Technology
radicals	Identification of safe navigation routes on the Moon using Chandrayaan Images	Arpeet Chandane	G.H Raisonni College of Engineering and Management
		Devesh Mhaske	Gh Raisonni
		Sahil Nichat	GH Raisonni College of Engineering and Management
rcode	Lunar surface image simulation and Visualization	Arpita Samal	the northcap university
		Ananya Sharma	The Northcap University
		Shubham Jain	The NorthCap University
spaceve	Automatic detection of craters & boulders from Orbiter High Resolution Camera images using	Abhinav Kumar Garg	Thapar university
		Prisha Sharma	Thapar university

spacexe	Orbiter High Resolution Camera Images using AI/ML techniques	Avneet Singh	Thapar institute of engineering and Technology
		Aayush Grover	Thapar Institute of Engineering and Technology
suryakiran	Voice enabled user interface for geospatial map based web-applications.	TYCOB128_Chaitanya Kshirsagar	Pimpri Chinchwad College Of Engineering
		Rudraksha M J	PCCOE
		Siddhi Shirsath	Pimpri Chinchwad College Of Engineering
		Anushka Lahare	Pimpri Chinchwad College of Engineering
sysexit	Image based Search of Lunar craters from global mosaic	Yadu Krishnan	Birla Institute of Technology and Science Pilani
		Soumya Gupta	Birla Institute Of Technology and Science
		Sohil Khan	Bits Pilani KK Birla Goa Campus
team geoawaregpt	Context-Aware Geospatial Data Retrieval using LLM/NLP	Akshay Govind S	Indian Institute of Technology
		Ryan Jacob George	Indian Institute of Technology Madras
		Mahendra Kurup	Indian Institute of Technology Madras
team lander vikram	Voice enabled user interface for geospatial map based web-applications.	SOURODIP KAR	Narula Institute Of Technology
		DANISH JAMIL	Narula Institute of Technology
		Pradhuman Kumar	NARULA INSTITUTE OF TECHNOLOGY
		Dev Jyoti Patra	Narula Institute of Technology
techtide	Image based Search of Lunar craters from global mosaic	bhomik	jecrc university
		Pritam ray	Jecrc university
		Harshit Sinha	JECRC University
		Atiksh Gidwani	jecrc university
		Parth Kalani	Vishwakarma Institute of Technology

the fine tuners	Context-Aware Geospatial Data Retrieval using LLM/NLP	Nidhish Wakodikar	Vishwakarma Institute Of Technology
		Parth Petkar	Vishwakarma Institute of Technology
		Hritesh Maikap	Vishwakarma Institute of Technology
unplanned spacewalk	Spectral classification of Chandrayaan-2 IIRS using AI/ML for understanding geological diversity of the Moon	Utkarsh Chaudhary	Delhi Technological University
		Sarthak Asotra	Delhi Technological University
		Ishan Srivastava	Delhi Technological University
		Kanishk Jain	Delhi Technology University
wifilost	Context-Aware Geospatial Data Retrieval using LLM/NLP	KHUSHI VERMA	IIT Jammu
		Vedika Aggarwal	Indian Institute of Technology Jammu
		ADITI ANAND	Indian Institute of Technology Jammu
		Kritika Patidar	IIT Jammu