Indian Space Science Olympiad 2024

Preliminary Level Examination Result

Student Name	Parent Name	Category	Place	Score	Status
Pratham J	Jagadeesh R	Senior	Karnataka	26.25	Eligible to attend Final Level Offline Workshop & Exam
Laksh Pandey	Rekha Pandey	Senior	Karnataka	23	Eligible to attend Final Level Offline Workshop & Exam
Atharv	Gayatri Mishra	Senior	Punjab	22.75	Eligible to attend Final Level Offline Workshop & Exam
Daksh Rathi	Niraj Kumar Rathi	Senior	Tamil Nadu	22.5	Eligible to attend Final Level Offline Workshop & Exam
Swanand Sanjay Bhagwat	Sanjay Manohar Bhagwat	Senior	Maharashtra	22.5	Eligible to attend Final Level Offline Workshop & Exam
Zishan Mohsin Kazi	Mohsin	Senior	Maharashtra	22.5	Eligible to attend Final Level Offline Workshop & Exam
Raghu Vamsi Krishna Gottumukk	Rama Krishna Gottumukkula	Senior	Telangana	21.5	Eligible to attend Final Level Offline Workshop & Exam
Kousiki Das	Koushik Das	Senior	West Bengal	21	Eligible to attend Final Level Offline Workshop & Exam
Anjali Menon	Dr Dilip Menon	Senior	Kerala	20.75	Eligible to attend Final Level Offline Workshop & Exam
Dikshha Sinha	Manoj Kumar Sinha	Senior	Maharashtra	20.75	Eligible to attend Final Level Offline Workshop & Exam
Parnasree Deb	Sumit Deb	Senior	Maharashtra	20.75	Eligible to attend Final Level Offline Workshop & Exam
Divit	Prashant Kumar Sharma	Senior	Rajasthan	20.5	Eligible to attend Final Level Offline Workshop & Exam
Drishti	Sunil Chopra	Senior	Haryana	20.25	Eligible to attend Final Level Offline Workshop & Exam
Safa Annam	Abul Barakat Sabir Ahmed Khan	Senior	West Bengal	20.25	Eligible to attend Final Level Offline Workshop & Exam
Trijal Malhotra	Harish Malhotra	Senior	Gujarat	20.25	Eligible to attend Final Level Offline Workshop & Exam
Aditya Kumar Nayak	Bidyadhar Nayak	Senior	Orissa	20	Eligible to attend Final Level Offline Workshop & Exam
Reona Jha	Ayati Bose	Senior	Maharashtra	20	Eligible to attend Final Level Offline Workshop & Exam
Rishab Prashant	Pramitha Prashant	Senior	Maharashtra	20	Eligible to attend Final Level Offline Workshop & Exam
Sunandh P Menon	P Saritha	Senior	Kerala	20	Eligible to attend Final Level Offline Workshop & Exam
Suprit Jena	Suprit Jena	Senior	Punjab	20	Eligible to attend Final Level Offline Workshop & Exam

Aadi Kapil	Nisha Kapil	Senior	Maharashtra	19.75	Eligible to attend Final Level Offline Workshop & Exam
Amritanshu Raj	Sunita Kumari	Senior	Bihar	19.75	Eligible to attend Final Level Offline Workshop & Exam
Himank Goyal	Pradeep Goyal	Senior	Uttar Pradesh	19.75	Eligible to attend Final Level Offline Workshop & Exam
Kenza Kareem N	Mohamed Kareem N	Senior	Kerala	19.75	Eligible to attend Final Level Offline Workshop & Exam
Krishna Kunal	Pawan Kumar	Senior	Bihar	19.75	Eligible to attend Final Level Offline Workshop & Exam
Vatnala Chaithrika	Vatnala Narsing Rao	Senior	Telangana	19.75	Eligible to attend Final Level Offline Workshop & Exam
Khush Dhoot	Sachin Dhoot	Senior	Maharashtra	19.5	Eligible to attend Final Level Offline Workshop & Exam
Advait Rammohan	Rammohan Natarajan	Senior	Maharashtra	19.25	Eligible to attend Final Level Offline Workshop & Exam
Akshaj Adhoksharaj Tarde	Adhoksharaj Ramesh Tarde	Senior	Maharashtra	19.25	Eligible to attend Final Level Offline Workshop & Exam
Manandeep Singh	Ruminder Kaur	Senior	Punjab	19.25	Eligible to attend Final Level Offline Workshop & Exam
Manjot Singh	Ninder Singh	Senior	Punjab	19.25	Eligible to attend Final Level Offline Workshop & Exam
Prathmesh Nagpure	Umesh Nagpure	Senior	Madhya Pradesh	19.25	Eligible to attend Final Level Offline Workshop & Exam
Shriyans Sachith	Sindhu Sachith	Senior	Maharashtra	19.25	Eligible to attend Final Level Offline Workshop & Exam
Skandan Nagarajan	Rajnjani Nagarajan	Senior	Tamil Nadu	19.25	Eligible to attend Final Level Offline Workshop & Exam
Stuti V Burli	Swetha Vasu Burli	Senior	Andhra Pradesh	19.25	Eligible to attend Final Level Offline Workshop & Exam
Harshit Jhala	Ghanshyamsinh Jhala	Senior	Gujarat	19	Eligible to attend Final Level Offline Workshop & Exam
Naitik Pramod Tasalwar	Pramod Tasalwar	Senior	Maharashtra	19	Eligible to attend Final Level Offline Workshop & Exam
Sudwit Tagore	Trisha Tagore	Senior	Haryana	19	Eligible to attend Final Level Offline Workshop & Exam
Yog Thakkar	Nikhil Thakkar	Senior	Maharashtra	19	Eligible to attend Final Level Offline Workshop & Exam
Nilayan Malik	Milan Malik	Senior	West Bengal	18.75	Eligible to attend Final Level Offline Workshop & Exam
Udantika	Anil Kumar Dalal	Senior	Haryana	18.75	Eligible to attend Final Level Offline Workshop & Exam
Akshiti Debroy	Amitava Debroy	Senior	Tripura	18.5	Eligible to attend Final Level Offline Workshop & Exam
Anaya Aggarwal	Nitin Aggarwal	Senior	Punjab	18.5	Eligible to attend Final Level Offline Workshop & Exam
Christy Mariya P A	Anil P Mani	Senior	Kerala	18.5	Eligible to attend Final Level Offline Workshop & Exam

Mokshda	Shrishti	Senior	Punjab	18.5	Eligible to attend Final Level Offline Workshop & Exam
Sarthak Shrivastava	Pratik Srivastava	Senior	Haryana	18.5	Eligible to attend Final Level Offline Workshop & Exam
Swarnadeep Kumar	Prakash Pramanik	Senior	West Bengal	18.5	Eligible to attend Final Level Offline Workshop & Exam
Avighna Daruka	Bishnu Kumar	Senior	West Bengal	18.25	Eligible to attend Final Level Offline Workshop & Exam
Ayush Katare	Suman Katare	Senior	Maharashtra	18.25	Eligible to attend Final Level Offline Workshop & Exam
Dhairya Sanjaykumar Panchal	Sanjaykumar Ganpatlal Panchal	Senior	Gujarat	18.25	Eligible to attend Final Level Offline Workshop & Exam
Het Vyas	Rajen Vyas	Senior	Gujarat	18.25	Eligible to attend Final Level Offline Workshop & Exam
Hitansh Agarwal	Priyanka Agarwal	Senior	Rajasthan	18.25	Eligible to attend Final Level Offline Workshop & Exam
Mridul Agrawal	Ritu Agrawal	Senior	Maharashtra	18.25	Eligible to attend Final Level Offline Workshop & Exam
Samriddhi Pore	Rajib Pore	Senior	West Bengal	18.25	Eligible to attend Final Level Offline Workshop & Exam
Samruddhi Subhash Gawali	Subhash Haribhau Gawali	Senior	Maharashtra	18.25	Eligible to attend Final Level Offline Workshop & Exam
Shardul Bhatkar	Sanjay Bhatkar	Senior	Maharashtra	18.25	Eligible to attend Final Level Offline Workshop & Exam
Antriksh Fulwani	Laxman Dass Fulwani	Senior	Rajasthan	18	Eligible to attend Final Level Offline Workshop & Exam
Aashi Dasoar	Indu Dasoar	Senior	Delhi	17.75	Eligible to attend Final Level Offline Workshop & Exam
Dhruv Vishal	Vishal Umed	Senior	Maharashtra	17.75	Eligible to attend Final Level Offline Workshop & Exam
Dhwani Bhatt	Preeti Bhatt	Senior	Uttarakhand	17.75	Eligible to attend Final Level Offline Workshop & Exam
Rishan Sandeep Gadhia	Zankhana Sandeep Gadhia	Senior	Maharashtra	17.75	Eligible to attend Final Level Offline Workshop & Exam
Anwesha Shukla	Bhavna Shukla	Senior	Haryana	17.5	Eligible to attend Final Level Offline Workshop & Exam
Archiman Mishra	Ashish Mishra	Senior	Uttar Pradesh	17.5	Eligible to attend Final Level Offline Workshop & Exam
Mantra Rajan Desai	Ankita Rajan Desai	Senior	Gujarat	17.5	Eligible to attend Final Level Offline Workshop & Exam
Mariya Biju	Biju Kuriakose	Senior	Kerala	17.5	Eligible to attend Final Level Offline Workshop & Exam
Medhansh Vemula	Deepthi	Senior	Telangana	17.5	Eligible to attend Final Level Offline Workshop & Exam
Pratyaksh Singh	Prabal Pratap Singh	Senior	Tamil Nadu	17.5	Eligible to attend Final Level Offline Workshop & Exam
Shubh Jagani	Vinesh	Senior	Gujarat	17.5	Eligible to attend Final Level Offline Workshop & Exam

Advait Vilas Nimje	Vilas Nimje	Senior	Maharashtra	17.25	Eligible to attend Final Level Offline Workshop & Exam
Arnav Amar Salagare	Amar Suresh Salagare	Senior	Maharashtra	17.25	Eligible to attend Final Level Offline Workshop & Exam
Aryan Abhijeet Sheth	Abhijeet Sheth	Senior	Maharashtra	17.25	Eligible to attend Final Level Offline Workshop & Exam
Harish Sai	Saikala	Senior	Tamil Nadu	17.25	Eligible to attend Final Level Offline Workshop & Exam
Keshav Dadheech	Poonam Sharma	Senior	Rajasthan	17.25	Eligible to attend Final Level Offline Workshop & Exam
Mark Fonseca	Renita Fonseca	Senior	Maharashtra	17.25	Eligible to attend Final Level Offline Workshop & Exam
Y P Pranav	Y S Prabhu Kumar	Senior	Telangana	17	Eligible to attend Final Level Offline Workshop & Exam
Yashvi Mittal	Shilpa Mittal	Senior	Delhi	17	Eligible to attend Final Level Offline Workshop & Exam
Yashwant Valleru	Amarendra Valleru	Senior	Tamil Nadu	16.75	Eligible to attend Final Level Offline Workshop & Exam
Saniye Zahra	Syed Nazeer Rizvi	Senior	Delhi	16.5	Eligible to attend Final Level Offline Workshop & Exam
Siddhrajsinh	Balvirsinh Parmar	Senior	Gujarat	16.5	Eligible to attend Final Level Offline Workshop & Exam
Aarushi Pankaj Mohta	Pankajkumar Sureshkumar Mohta	Senior	Gujarat	16.25	Eligible to attend Final Level Offline Workshop & Exam
Anirudh Sathish	Anitha S	Senior	Tamil Nadu	16.25	Eligible to attend Final Level Offline Workshop & Exam
Daniel Christian Cijoy	Cijoy K Kuriakose	Senior	Tamil Nadu	16.25	Eligible to attend Final Level Offline Workshop & Exam
Karthik Chodavarapu	Sarvani Kasturi	Senior	Karnataka	16.25	Eligible to attend Final Level Offline Workshop & Exam
Prajit Kumar T	Thangaraj	Senior	Tamil Nadu	16.25	Eligible to attend Final Level Offline Workshop & Exam
S P Talis	K S R Periyaswaamy	Senior	Tamil Nadu	16.25	Eligible to attend Final Level Offline Workshop & Exam
Shourya Patil	Sukhadev Patil	Senior	Maharashtra	16.25	Eligible to attend Final Level Offline Workshop & Exam
Shreyans Jain	Nidhika Jain	Senior	Uttar Pradesh	16.25	Eligible to attend Final Level Offline Workshop & Exam
Smithra N	Girija Nagaraj	Senior	Karnataka	16.25	Eligible to attend Final Level Offline Workshop & Exam
Aharshi Guha	Subhanil Guha	Senior	West Bengal	16	Eligible to attend Final Level Offline Workshop & Exam
Bhadra M Nair	Manoj C M	Senior	Kerala	16	Eligible to attend Final Level Offline Workshop & Exam
Jatan Suthar	Rushabhadev Suthar	Senior	Gujarat	16	Eligible to attend Final Level Offline Workshop & Exam
Veer Chouksey	Preeti Chouksey	Senior	Madhya Pradesh	16	Eligible to attend Final Level Offline Workshop & Exam

R Srimathi	R Ramesh Ramasamy	Senior	Tamil Nadu	15.75	Eligible to attend Final Level Offline Workshop & Exam
Rijul Sharan	Nilesh Kumar Sharan	Senior	Bihar	15.75	Eligible to attend Final Level Offline Workshop & Exam
Siddhant Upadhyay	Sanjay Upadhyay	Senior	Uttar Pradesh	15.75	Eligible to attend Final Level Offline Workshop & Exam
Gaddam Snehith	Ramesh	Senior	Telangana	15.5	Eligible to attend Final Level Offline Workshop & Exam
M Sri Sai Koushik	Marku Srinivas	Senior	Telangana	15.5	Eligible to attend Final Level Offline Workshop & Exam
Prisha Vaishnav	Govind Vaishnav	Senior	Rajasthan	15.5	Eligible to attend Final Level Offline Workshop & Exam
Thiru Charran Murthi	Murthi Murugaiyan	Senior	Karnataka	15.5	Eligible to attend Final Level Offline Workshop & Exam
Vivaan Doshi	Janki Doshi	Senior	Gujarat	15.5	Eligible to attend Final Level Offline Workshop & Exam
Aarav Garg	Anuj Garg	Senior	Uttar Pradesh	15.25	Eligible to attend Final Level Offline Workshop & Exam
Karanbir Singh	Harmeet Singh	Senior	Punjab	15.25	Eligible to attend Final Level Offline Workshop & Exam
Karthikeya Devaram	Hitesh Devaram	Senior	Maharashtra	15.25	Eligible to attend Final Level Offline Workshop & Exam
Khushi Madan Ofalkar	Madan Ofalkar	Senior	Maharashtra	15.25	Eligible to attend Final Level Offline Workshop & Exam
Muskan Fathama	Md Mustaque Alam	Senior	West Bengal	15.25	Eligible to attend Final Level Offline Workshop & Exam
Vaikunth Bhavin Gajjar	Bhavin Gajjar	Senior	Maharashtra	15.25	Eligible to attend Final Level Offline Workshop & Exam
M Sai Pranav	M Bala Murali Krishna	Senior	Telangana	15	Eligible to attend Final Level Offline Workshop & Exam
Manaswini Kona	K Kesava	Senior	Andhra Pradesh	15	Eligible to attend Final Level Offline Workshop & Exam
N S Kaveen	N Sivakumar	Senior	Tamil Nadu	15	Eligible to attend Final Level Offline Workshop & Exam
Ponna Hemanth Kumar	Bhasker	Senior	Telangana	15	Eligible to attend Final Level Offline Workshop & Exam
Pratik Vilas Dighore	Vilas Dighore	Senior	Maharashtra	15	Eligible to attend Final Level Offline Workshop & Exam
Rutvij Bhatt	Rajiv Bhatt	Senior	Maharashtra	15	Eligible to attend Final Level Offline Workshop & Exam
Varshit Latiyan	Brijpal Singh	Senior	Uttar Pradesh	15	Eligible to attend Final Level Offline Workshop & Exam
Vedatman Prakash Padala	Prakash Padala	Senior	Maharashtra	15	Eligible to attend Final Level Offline Workshop & Exam
Vimalsinh Natvarsinh Chauhan	Natvarsinh Chauhan	Senior	Gujarat	15	Eligible to attend Final Level Offline Workshop & Exam
Yash Ganesh Bitode	Archana Bitode	Senior	Maharashtra	15	Eligible to attend Final Level Offline Workshop & Exam

Aditya Shankar Deka	H S Sunanda	Senior	Karnataka	14.75	Eligible to attend Final Level Offline Workshop & Exam
Adyut Pratap Singh	Anil Kumar	Senior	Uttar Pradesh	14.75	Eligible to attend Final Level Offline Workshop & Exam
Aryaman Soni	Sonal Amit	Senior	Uttar Pradesh	14.75	Eligible to attend Final Level Offline Workshop & Exam
Chitesh Rohila	Surender Kumar	Senior	Haryana	14.75	Eligible to attend Final Level Offline Workshop & Exam
Darsh Khandelwal	Dhiraj Khandelwal	Senior	Maharashtra	14.75	Eligible to attend Final Level Offline Workshop & Exam
Deekshita Tangri	Rajat Tangri	Senior	Punjab	14.75	Eligible to attend Final Level Offline Workshop & Exam
Dhruv Bhardwaj	Dhruv Bhardwaj	Senior	Uttar Pradesh	14.75	Eligible to attend Final Level Offline Workshop & Exam
Md Anas	Md Samsul Haque	Senior	West Bengal	14.75	Eligible to attend Final Level Offline Workshop & Exam
Shreyam Nandi	Debasree Roy Nandi	Senior	West Bengal	14.75	Eligible to attend Final Level Offline Workshop & Exam
Srivatsa K	Krishna R	Senior	Tamil Nadu	14.75	Eligible to attend Final Level Offline Workshop & Exam
Dhruva Gurrala	Vijayalakshmi G	Senior	Karnataka	14.5	Eligible to attend Final Level Offline Workshop & Exam
Henen Mariyam P	Abdu Sharif P	Senior	Kerala	14.5	Eligible to attend Final Level Offline Workshop & Exam
Kanth Khaitan	Anoop Kumar Khaitan	Senior	West Bengal	14.5	Eligible to attend Final Level Offline Workshop & Exam
Mrunmayi Manish Landage	Manish Landage	Senior	Maharashtra	14.5	Eligible to attend Final Level Offline Workshop & Exam
Pratham Shah	Khushbu Shah	Senior	Maharashtra	14.5	Eligible to attend Final Level Offline Workshop & Exam
Revati Praphulla Bhosale	Praphulla Janardan Bhosale	Senior	Maharashtra	14.5	Eligible to attend Final Level Offline Workshop & Exam
Aaradhye Aggarwal	Sandeep Kumar Aggarwal	Senior	Delhi	14.25	Eligible to attend Final Level Offline Workshop & Exam
Aayushi Patil	Dr Narendra Patil	Senior	Maharashtra	14.25	Eligible to attend Final Level Offline Workshop & Exam
Atharv Soni	Anant Prakash Soni	Senior	Madhya Pradesh	14.25	Eligible to attend Final Level Offline Workshop & Exam
Dron Maity	Ganesh Maity	Senior	West Bengal	14.25	Eligible to attend Final Level Offline Workshop & Exam
Jatin Kalwani	Manohar Kalwani	Senior	Chhattisgarh	14.25	Eligible to attend Final Level Offline Workshop & Exam
M Rhishivanth	R Munijayaram	Senior	Tamil Nadu	14.25	Eligible to attend Final Level Offline Workshop & Exam
R Akash	K Ravichandran	Senior	Tamil Nadu	14.25	Eligible to attend Final Level Offline Workshop & Exam
Rena Fathima	Noushaja K K	Senior	Kerala	14.25	Eligible to attend Final Level Offline Workshop & Exam

Ritaban Chakravorty	Dheeman Chakravorty	Senior	Telangana	14.25	Eligible to attend Final Level Offline Workshop & Exam
Rushikesh Bujone	Anagha Ansingkar	Senior	Maharashtra	14.25	Eligible to attend Final Level Offline Workshop & Exam
Siyona Sachith	Sindhu Sachith	Senior	Maharashtra	14.25	Eligible to attend Final Level Offline Workshop & Exam
Sparsh Tiwari	Shaily Tiwari	Senior	Uttar Pradesh	14.25	Eligible to attend Final Level Offline Workshop & Exam
Sumaiya Khatun	Dhalu Sarkar	Senior	West Bengal	14.25	Eligible to attend Final Level Offline Workshop & Exam
Tripti	Sudhir Singh	Senior	Haryana	14.25	Eligible to attend Final Level Offline Workshop & Exam
Vedant Jha	Vikrant Kumar Jha	Senior	West Bengal	14.25	Eligible to attend Final Level Offline Workshop & Exam
Vedant Ravindra Gowda	Chaya Ravindra	Senior	Karnataka	14.25	Eligible to attend Final Level Offline Workshop & Exam
Archith J	Dr Deepthy M R	Senior	Kerala	14	Eligible to attend Final Level Offline Workshop & Exam
K Niroop	Nanitha K	Senior	Tamil Nadu	14	Eligible to attend Final Level Offline Workshop & Exam
Marcus G	Dolly Flacia A	Senior	Tamil Nadu	14	Eligible to attend Final Level Offline Workshop & Exam
Muhammed Aslam M	Mohamed Appas M	Senior	Tamil Nadu	14	Eligible to attend Final Level Offline Workshop & Exam
Nidhi Mahesh Jaurkar	Varsha Mahesh Jaurkar	Senior	Maharashtra	14	Eligible to attend Final Level Offline Workshop & Exam
Ojas Dilip Ghonmode	Dilip Ghonmode	Senior	Maharashtra	14	Eligible to attend Final Level Offline Workshop & Exam
Rachakonda Harshavardhan	Nagaraju	Senior	Telangana	14	Eligible to attend Final Level Offline Workshop & Exam
Vaishnavi Mahesh Jadhav	Mahesh Jadhav	Senior	Maharashtra	14	Eligible to attend Final Level Offline Workshop & Exam
Harsh Musale	Milind Musale	Senior	Maharashtra	13.5	Waiting List 1
Kanika Chaudhari	Harshal Manohar Chaudhari	Senior	Maharashtra	13.5	Waiting List 1
Nishaptra S	Subha	Senior	Tamil Nadu	13.5	Waiting List 1
Sukhbir Singh	Gurinder Singh	Senior	Punjab	13.25	Waiting List 1
Abhinav Muni	Mahalaxmi Muni	Senior	Karnataka	13	Waiting List 1
Atulit Ajay Shah	Ajay Shah	Senior	Maharashtra	13	Waiting List 1
Rohitvishwa T	P A Priya	Senior	Tamil Nadu	13	Waiting List 1
Sukhada Katole	Gayatri Katole	Senior	Maharashtra	13	Waiting List 1

Akhilesh Punde	Vilas Punde	Senior	Maharashtra	12.75	Waiting List 1
Sayuj S	Sujith M	Senior	Kerala	12.5	Waiting List 1
Ayaan Das	Alo Paul	Senior	Uttar Pradesh	12.25	Waiting List 1
Krunal Arvind Patil	Arvind Patil	Senior	Gujarat	12.25	Waiting List 1
Parag	Vilas Sadashiv Dighore	Senior	Maharashtra	12.25	Waiting List 1
Ansh Singroha	Pardeep Singroha	Senior	Haryana	12	Waiting List 1
Atharvaa Velliyangiri	Velliyangiri	Senior	Tamil Nadu	12	Waiting List 1
B Pavan	Pavithra B	Senior	Telangana	12	Waiting List 1
B Rohith	B Srinivasulu	Senior	Telangana	11.5	Waiting List 1
Divyansh Gaurav	Amit Gourav	Senior	Uttar Pradesh	11.5	Waiting List 1
Mahek Giri	Gautam Giri	Senior	Rajasthan	11.5	Waiting List 1
Mayank Jain	Nilesh Jain	Senior	Maharashtra	11.25	Waiting List 1
Nazreen M L	Ameera	Senior	Kerala	11.25	Waiting List 1
Channabasava	Nagendra	Senior	Karnataka	11	Waiting List 1
Neha Batchu	Naveen Kumar B N R	Senior	Karnataka	11	Waiting List 1
Pranavvijay P	Puthiyavansamy R	Senior	Tamil Nadu	10.75	Waiting List 1
S J Jason King	J Stalin Christopher	Senior	Tamil Nadu	10.75	Waiting List 1
Sai Aditya Chepuri	Rajshekhar Chepuri	Senior	Maharashtra	10.75	Waiting List 1
Shreya Maheshwari	Shraddha Maheshwari	Senior	Uttar Pradesh	10.75	Waiting List 1
Veer Amol Satam	Amol Balkrishna Satam	Senior	Maharashtra	10.75	Waiting List 1
Gurpreet Kaur Randhawa	Gurinder Singh	Senior	Punjab	10.5	Waiting List 1
Manomay Gupta	Pramod Kumar Gupta	Senior	Maharashtra	10.5	Waiting List 1
Naitik	Surender Singh	Senior	Haryana	10.5	Waiting List 1
Harsh Ravi Shinde	Ravi Sukhadeo Shinde	Senior	Maharashtra	10	Waiting List 2

Ryan Jain	Jyoti Jain	Senior	West Bengal	10		Waiting List 2
Sadhu Abhimanyu	S V S Prasad Rao	Senior	Telangana	10		Waiting List 2
Adhishree Dahake	Ekanath Dahake	Senior	Maharashtra	9.75		Waiting List 2
Ariz Hossain	Golam Kabir	Senior	West Bengal	9		Waiting List 2
Darshan Dinesh Desai	Dinesh Baban Desai	Senior	Maharashtra	8.75		Waiting List 2
Manish Nayak	Mamata Nayak	Senior	Odisha	8.5		Waiting List 2
Ronit Vyankat Suryawanshi	Vyankat Suryawanshi	Senior	Maharashtra	8.25		Waiting List 2
Aarushi Khaire	Santhosh Khaire	Senior	Karnataka	8		Waiting List 2
Arnav Sushant Shegaonkar	Sushant Shegaonkar	Senior	Maharashtra	8		Waiting List 2
Chaitanya Rajesh Shete	Sujata Rajesh Shete	Senior	Maharashtra	8		Waiting List 2
S Kavin	T Samuel	Senior	Tamil Nadu	7.25		Waiting List 2
Sairaj Sandip Kumbhar	Sandip Padurang Kumbhar	Senior	Maharashtra	7.25		Waiting List 2
Shanaya Sheen Parihar	Daisy Parihar	Senior	Jammu and Kashmir	6.75		Waiting List 2
Md Hasan Mahmud Mazumder	Md Ubaidur Rahman Mazumder	Senior	Assam	6		Waiting List 2
Abirami A	Alagesan Arumugham	Senior	Tamil Nadu	5.75		Waiting List 2
Amra Anam	Khaleel Pasha	Senior	Telangana	5.75		Waiting List 2
Bhabishya Agarwal	Prativa Agarwal	Senior	Odisha	5.5		Waiting List 2
Gaurinandana R	Reji Kumar C R	Senior	Kerala	5.25		Waiting List 2
Parvana K Nair	Krishnakumar P K	Senior	Dadra and Nagar Haveli	5.25		Waiting List 2
Janhavi	Kuldeep Singh	Senior	Haryana	5		Waiting List 2
Renugasri S	Sumathi S	Senior	Tamil Nadu	5		Waiting List 2
Akshobhya H Joshi	Hanumesh Joshi	Senior	Karnataka	4.75		Need Improvement
Amrutha	T L G Rajan	Senior	Tamil Nadu	4.75		Need Improvement
Arnavjeet Singh Dhaliwal	Iqbal Singh Dhaliwal	Senior	Punjab	4.5		Need Improvement

Gauri Mandeep	Mandeep Singh	Senior	Haryana	4.5		Need Improvement
Poorav Nain	Sudhir Kumar	Senior	Haryana	4.5		Need Improvement
Saee Raj Mhatre	Raj Shekhar Mhatre	Senior	Maharashtra	4.5		Need Improvement
Sanskruti Sandip Jadhav	Sandip Ganpatrao Jadhav	Senior	Maharashtra	3.75		Need Improvement
Vindhya	Kuldeep	Senior	Haryana	3.25		Need Improvement
Yugratna S A	Saroj Kumar S A	Senior	Odisha	3		Need Improvement
Dhwanii Bhargava	Hiral Bhargava	Senior	Maharashtra	2.25		Need Improvement
Mohammad Owais Siddiqui	Fariduddin Siddiqui	Senior	Maharashtra	2.25		Need Improvement
Shubham Tulsaram Kadela	Tulsaram Kanaiyalal Kadela	Senior	Gujarat	2.25		Need Improvement
Aaradhya Sharma	Bajrang	Senior	Haryana	2		Need Improvement
Tarun Dalal	Pardeep	Senior	Haryana	2		Need Improvement
Vaidehi Ritesh Patil	Deepa Ritesh Patil	Senior	Gujarat	2		Need Improvement
A B Shashvanth	J Arul	Senior	Tamil Nadu	1.75		Need Improvement
Ananya Chandrapuria	Sanjay Chandrapuria	Senior	Maharashtra	0.5		Need Improvement
Harshit	Naresh Kumar	Senior	Haryana	0.5		Need Improvement
Parv Vaja	Amit Vaja	Senior	Maharashtra	0.25		Need Improvement
Rishita Sankhat	Ashvinbhai Sankhat	Senior	Gujarat	0		Need Improvement
Mihikanshu Kar	Mithilesh Kar Sharma	Senior	Chhattisgarh	-1.25		Need Improvement
P M Mithun	M Dharani	Senior	Tamil Nadu	-2		Need Improvement
Shrinkha Banerjee	Saurav Banerjee	Senior	Maharashtra	-2.5		Need Improvement

To learn more about the result status, please read the instructions below carefully.

INDIAN SPACE SCIENCE OLYMPIAD (ISSO) - 2024

FINAL LEVEL OFFLINE WORKSHOP & EXAMINATION INSTRUCTIONS

The final level of Indian Space Science Olympiad (ISSO) will comprise a 3-day offline workshop and examination. Candidates who are eligible to attend the final level offline examination can register through www.spaceolympiad.com.

Event Dates: 27, 28 & 29 DECEMBER 2024
Reporting time: 08.45 AM on 27th December 2024

Venue of final event and exam:
Day 1 and Day 2 (27th & 28th December 2024**): A V Rama Rao Auditorium, New Chemical Sciences Building, IISc Bangalore**
Day 3 (29th December 2024): **JN Tata Auditorium, IISc Bangalore**

Overview of the Venue:

The **Indian Institute of Science (IISc)** is a premier public research university located in Bengaluru, Karnataka. Established in 1909, IISc is renowned for its contributions to science and engineering research and education. The institute offers a range of undergraduate, postgraduate, and doctoral programs across various scientific disciplines.

Location: IISc is situated in the heart of Bengaluru, on a sprawling 400-acre campus. The institute's address is:

Indian Institute of Science (IISc)
C.V. Raman Avenue,
Bengaluru - 560 012,
Karnataka, India

Reachability to the Venue:

By Air:
The Kempegowda International Airport (BLR) is approximately 35 kilometers from the IISc campus. Travel time by taxi or airport shuttle is typically 45 minutes to 1 hour, depending on traffic conditions.

By Train:

- **Bengaluru City Railway Station (SBC):** About 7 kilometers from IISc. You can reach the campus via taxi, auto-rickshaw, or local bus services.
- **Yesvantpur Jn Railway Station (YPR):** Located less than 2 kilometers from the IISc campus. It is a convenient option for those traveling from this station, with taxis and auto-rickshaws readily available.

By Bus:

Bengaluru's BMTC (Bangalore Metropolitan Transport Corporation) bus network offers extensive connectivity throughout the city. Several bus routes service the IISc area. The nearest BMTC bus stop is located on the IISc campus or nearby on C.V. Raman Avenue.

Accessibility:

The IISc campus is accessible to visitors with proper identification. For ISSO events, edumithra will issue invitation and gate pass for candidates and parents.

GENERAL INSTRUCTION

- This program is structured with a defined schedule, rules, and decorum. It is not a luxury camping holiday.
- All candidates must report to the venue on time.
- Candidates must carry their original school ID card, Aadhaar card, or a Bona Fide certificate with a photograph.
- Candidates are not allowed to leave the venue without prior permission from the Camp Director. Any violation will result in immediate expulsion.
- Gadgets such as mobile phones and laptops are permitted at the venue but must be left in designated areas during examinations. This includes smartwatches.
- Candidates must remain in the exam hall until the end of the session.
- **The examination will be OMR-based with 50 multiple-choice questions**. Use a black or blue ballpoint pen to mark answers, and ensure the OMR sheet is undamaged and properly filled out.
- Any form of malpractice will result in disqualification.
- Parents must inform the registration desk if their child is on any medication. All medicines should be in their original containers.
- Parents must provide two contact numbers at the registration desk.
- On the 27th, parents should drop off their child at 8:30 AM and pick them up at 7:30 PM at the A V Rama Rao Auditorium, New Chemical Sciences Building, IISc Bengaluru.
- On the 28th, parents should drop off their child at 8:30 AM and pick them up at 8:00 PM at the A V Rama Rao Auditorium, New Chemical Sciences Building, IISc Bengaluru.
- On the 29th, parents should drop off their child at 8:30 AM and pick them up at 6:00 PM at the JN Tata Auditorium, IISc Bengaluru. Parents are also welcome to join the prize

distribution and closing ceremony from 2:00 PM to 6:00 PM.

- Unauthorized photography is prohibited during competition hours.
- Edu Mithra is not responsible for any costly belongings of the candidates.
- Participants must wear the ID cards provided to them throughout the Olympiad.
- Dress Code: Formal attire is required.
- Participants under the influence of drugs, alcohol, or other inappropriate substances will be expelled immediately.
- Candidates must maintain decorum and discipline on campus.
- Edu Mithra or IISc staff will not request any additional fees beyond the registration fee. Report any such incidents to the event director immediately.
- The organizers reserve the right to use photographs and videos taken during the competition for advertising, promotion, trade, or artistic purposes. If you do not consent to the use of your photos, please refrain from participating when Edu Mithra is taking photographs.
- Lunch (vegetarian/non-vegetarian) and snacks will be provided to candidates only.
- A water bottle will be included in the welcome kit.

Safety at the Camp
- Campers are supervised throughout the day to ensure safety.
- Staff continuously monitor the campsite for potential hazards. Safety is our top priority, and all activities are conducted with safety in mind.
- Each camper will receive an ID card with emergency contact information, including the Camp Director's number and the local sub-inspector's number.
- Our experienced team maintains an excellent safety record. First-aid and common medications are available on site. Hospitals are within a 10-15 minute distance.

FEE DETAILS

ISSO Final Level Workshop and Exam Registration Fee: INR 10000 (Exclude Lunch and Snacks)

Lunch and Snacks: INR 750 (can be paid at the venue)

IMPORTANT NOTE

Registration Process for Final Examination

1. **Registration Closure:**
   - The registration process will be permanently closed once the number of registered students in each category reaches 150.

2. **Eligibility for Final Examination:**
   - Candidates who are in the TOP 150 are eligible to register for the Final Examination.
   - Candidates not in the TOP 150 but who have cleared the examination will be placed on Waiting List 1 or Waiting List 2.

3. **Top 150 Registration Deadline:**
   - TOP 150 candidates must register for the Final Examination by 5:00 PM on September 30, 2024.
   - Candidates who fail to register by this deadline will have their candidature cancelled without prior notice and the top scorer from Waiting List 1 will then be moved into the TOP 150 list.

4. **Waiting List Registration:**
   - **Waiting List 1:**
     - If any of the TOP 150 candidates do not register for the Final Examination by the deadline, the top scorer from Waiting List 1 will be moved into the TOP 150.
     - Waiting List 1 candidates will have the opportunity to register from October 1 to October 10, 2024, if they are moved into the TOP 150.
   - **Waiting List 2:**
     - After October 10, any remaining slots will be filled with candidates from Waiting List 2.
     - Waiting List 2 candidates will be considered for registration from October 11 to October 20, 2024.

Last Date of registration: 30TH SEPTEMBER 2024 visit www.spaceolympiad.com for registration

INDIAN SPACE SCIENCE OLYMPIAD 2024
PROGRAM SCHEDULE

Day 1 – 27.12.2024

Venue: A V Rama Rao Auditorium, New Chemical Sciences Building, IISc Bangalore

Time	Activity	Details
8:30 AM - 10:00 AM	Reporting Time and Registration	
10:00 AM - 10:30 AM	Ice Breaking	
10:30 AM - 11:00 AM	Tea Break	
11:00 AM - 1:00 PM	**Session 1:** Based on syllabus	**Speaker:** Mr. Sarath Prabhavu *Science Communicator and Astrophotographer*
1:00 PM - 2:00 PM	Lunch Break	
2:00 PM - 4:00 PM	**Session 2:** Based on syllabus	**Speaker:** Mr. Manosh TM *Science Communicator and PhD Scholar at Cochin University of Science and Technology (CUSAT)*
4:00 PM - 4:30 PM	Tea Break	
4:30 PM - 6:00 PM	**Invited Talk**	**Speaker:** Dr. Umamaheswaran *Distinguished Scientist & Former Director of HSFC, ISRO*
6:00 PM - 7:30 PM	Astro Photography Workshop	**Speaker:** Mr. Sarath Prabhavu *Science Communicator and Astrophotographer*

Day 2 – 28.12.2024

Venue: A V Rama Rao Auditorium, New Chemical Sciences Building, IISc Bangalore

Time	Activity	Details
8:30 AM	Reporting Time	
9:00 AM - 11:00 AM	Session 3: Based on syllabus	**Speaker:** Mr. Athul R T, Data Scientist & Researcher
11:00 AM - 12:00 PM	Tea Break and Preparation Time	
12:00 PM - 1:30 PM	OMR Exam 50 MCQ	Duration: 1 Hour
1:30 PM - 2:30 PM	Lunch Break	
2:30 PM - 4:30 PM	Hands-On Workshop and Activities:	On Space Science and Technology
4:30 PM - 5:00 PM	Tea Break	
5:00 PM - 6:30 PM	**Invited Talk**	**Speaker:** Dr. Lalithambika, Distinguished Scientist & Former Director of IHSP, ISRO
6:30 PM - 8:00 PM	Sky Watching and Star Hunting	

Day 3 – 29.12.2024

Venue: JN Tata Auditorium, IISc Bangalore

Time	Activity	Details
9:00 AM - 11:00 AM	**Career in Space Science & Technology**	Discussion
11:00 AM - 11:30 AM	Tea Break	
11:30 AM - 1:00 PM	**Invited Talk:**	**Speaker**: Dr. T K Anuradha *Distinguished Scientist & Former Director of SATCOM Project, ISRO*
1:00 PM - 2:00 PM	Lunch Break	
2:00 PM - 6:00 PM	**Prize Distribution and Closing Ceremony**	**Chief Guest:** Padmabhushan Dr. B N Suresh *Distinguished Scientist and Professor at ISRO, Chancellor of Indian Institute of Space Science and Technology (IIST), Former Director of Vikram Sarabhai Space Centre (VVSC)*
6:00 PM	National Anthem	

CODE OF BEHAVIOUR

All participants are required to maintain acceptable behavior at all times during Edu Mithra's Indian Space Science Olympiad, including outside official event hours. This includes respectful interactions with other members, trainers, guests, faculty, and staff. Unacceptable behavior, such as verbal or physical abuse, deliberate damage or danger to others, will result in immediate removal from the program without any refund.

FORCE MAJEURE

Edu Mithra will not be liable for any failure to perform any program due to unforeseen circumstances beyond its reasonable control. This includes, but is not limited to, acts of God, war, riots, embargoes, civil or military authorities' actions, natural disasters, accidents, labor disputes, service interruptions, communication failures, or shortages of critical materials.

CAMP VISITOR POLICY

Visitors are strictly prohibited during camp days. Candidates may bring smartphones to contact their parents during designated free times as outlined in the program schedule.

COMPLAINTS

Complaints that cannot be resolved between the student and instructor or Edu Mithra staff during the event should be mailed to:

Edu Mithra Intellectual Services Pvt. Ltd

Chengamanad P O, Aluva, Kerala, India 683 578

All disputes related to this event will be subject to the exclusive jurisdiction of the courts of Ernakulam, Kerala, India.

For further assistance, please call +919446321098 between 9 AM and 5 PM or email info@edumithra.com.
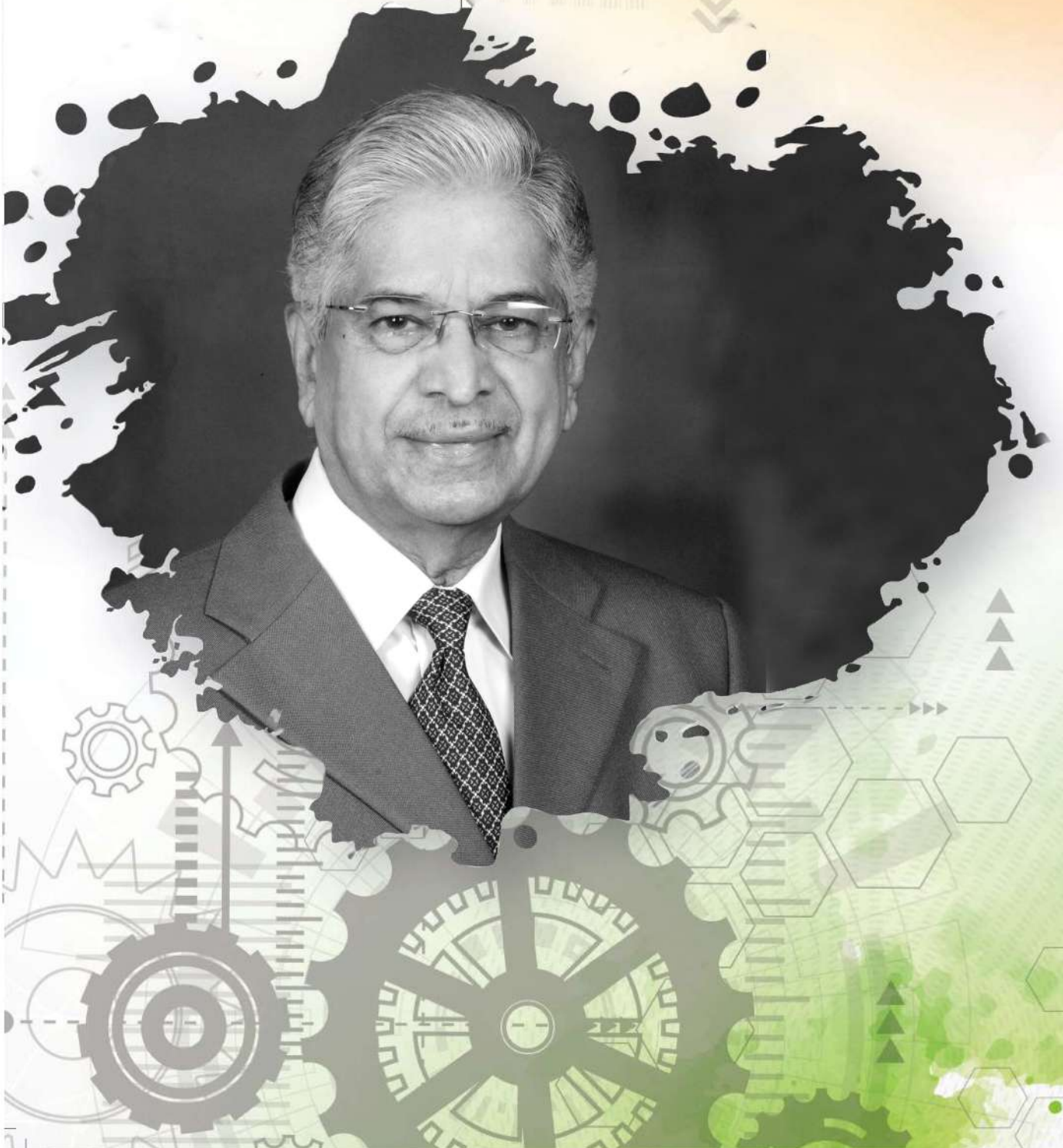
Indian Space Science Olympiad 2024

Meet the leading experts in space science and technology who are shaping the future of India's space exploration.

Dr. B N Suresh

Distinguished Scientist and Professor at ISRO Headquarters,
Chancellor, Indian Institute of Space Science and Technology (IIST) &
Former Director of Vikram Sarabhai Space Centre (VSSC)

Byrana Nagappa Suresh (Dr. B N Suresh) assumed charge as Chancellor, Indian Institute of Space Science and Technology (IIST) on 6th November 2017. Dr. B N Suresh, an aerospace scientist. served as the founder Director of IIST. He was the Director of Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram during the period 2003-2007. He is known for his contribution to Space Capsule Recovery Experiments (SRE). He retired from IIST in November 2010. Presently he is serving as Vikram Sarabhai Distinguished Professor at ISRO Headquarters since November 2010. He was also distinguished Professor at IIT, Mumbai and MIT, Manipal.

He has been honoured with several awards for his significant contributions in the field of Space Technology.

- Padma Bhushan (2013)
- Padma Shri (2002)
- Distinguished Alumni Award - IIT Madras (2004).
- Dr.Biren Roy Space Science and/or Design Award, 1993 by the Aeronautical Society of India.
- ASI Award 1996, for Rocket & Related Technologies, by Astronautical Society of India, 1996
- "AGNI" Award for excellence in Self Reliance by Defence Research & Development Laboratory, Ministry Of Defence in 1999.
- "Ramanujam Memorial Award" PSG Coimbatore at National System Conference, 2005
- "Technical Excellence award' by Lions International, Trivandrum, Jan 2006
- "Outstanding Achievement Award" by Indian Space Research Organisation in June 2007.
- "Lifetime Achievement Award" by Indian National Academy of Engineering, INAE) Delhi, in Dec 2007
- "National Systems Gold Medal" for lifetime contributions for large Systems by System Society of India in Dec 2007.
- "Aryabhata Award" for excellent contributions in space technology by Astronautical society of India,for 2009

> **An esteemed aerospace scientist, he was the founding Director of IIST and later led the Vikram Sarabhai Space Centre (VSSC) as Director.**

TK
Anuradha

Distinguished Scientist & Former Director SATCOM Program, ISRO

TK Anuradha was born in 1960 in Tumkur, Karnataka. Her parents were TS Krishnamurthy, a Professor in Sanskrit and T K Sulochana Devi, a homemaker. Her spouse V Kiran is Retd. General Manager, Bharat Electronics and her daughters Shruthi K Harve and Sindhu K Harve are engineering Post Graduates. She has spent her childhood in Shivamogga and Bengaluru. She grew up with three sisters. She was brought up in an atmosphere emphasizing education and values; parents encouraging them to be independent and think freely.

Her primary schooling was in Kannada Medium at Sarodiya Elementary School, Shivamogga. Her secondary schooling was at Malleswaram Ladies Association, Bengaluru. She received the National Merit Scholarship and was active in extracurricular activities. She pursued Bachelor of Engineering, Electronics & Communication at University Visvesvaraya College of Engineering, Bengaluru with distinction and was a University topper.

She joined ISRO Satellite centre in 1982 as Engineer 'SB' and superannuated in 2020 as Distinguished Scientist holding the post as Director, SATCOM Programme at ISRO Head Quarters. She started her career as a Satellite Test Engineer with the responsibility of designing test systems and interfaces to satellites and carrying out tests for the operational effectiveness of the integrated satellites in various mission environments. Over the years, she has executed the responsibilities of project manager, deputy and associate project director and design team leader for several series of ISRO satellites with responsibilities overlapping in the timeframe. She was the Project Director for indigenous communication satellites of the GSAT series, the first woman to hold the post of Project Director at ISRO. She was Programme Director for Satellites in Geosynchronous orbit. She also acquired expertise in the design and realisation of embedded system, Automation, interface protocol development, digital and power electronics systems. She is experienced in system management of satellites for Remote sensing, Communication and Navigation and the related ground systems and in the launch interfaces and launch base operations, management of SATCOM systems.

Her major engineering contributions were designing and launching the indigenous GSAT-12 as the first ISRO I1K bus-based communication satellite compatible for launching on Indian soil, with PSLV. She designed extended Bus configurations for advanced communication satellites with All-electric propulsion systems and advanced interfaces for verifying the functional effectiveness of indigenously developed onboard systems of TES satellites. She contributed to the automation of Ground test systems using indigenous interface standards and protocols. She also played a role in the design & realisation of interface protection systems and Fault-tolerant systems for satellite interfaces and launch vehicle interfaces of the satellite.

She has been conferred with several awards and recognitions including the Space Gold Medal award by the Astronautical Society of India; ISRO Merit Award; ISRO Team Award as team leader for GSAT-12; Smt Triveni Devi Gupta Memorial Award by IETE; "Space Systems Management award" by Astronautical Society of India; Honorary Doctorate by Akkamahadevi University, Vijayapura, and ISRO Performance Excellence Award. •

> **As Project Director for indigenous communication satellites of the GSAT series, the first woman to hold the post of Project Director at ISRO, she contributed to designing and launching the indigenous GSAT-12.**

Lalithambika V.R.

Distinguished Scientist and
Former Director of IHSP, ISRO
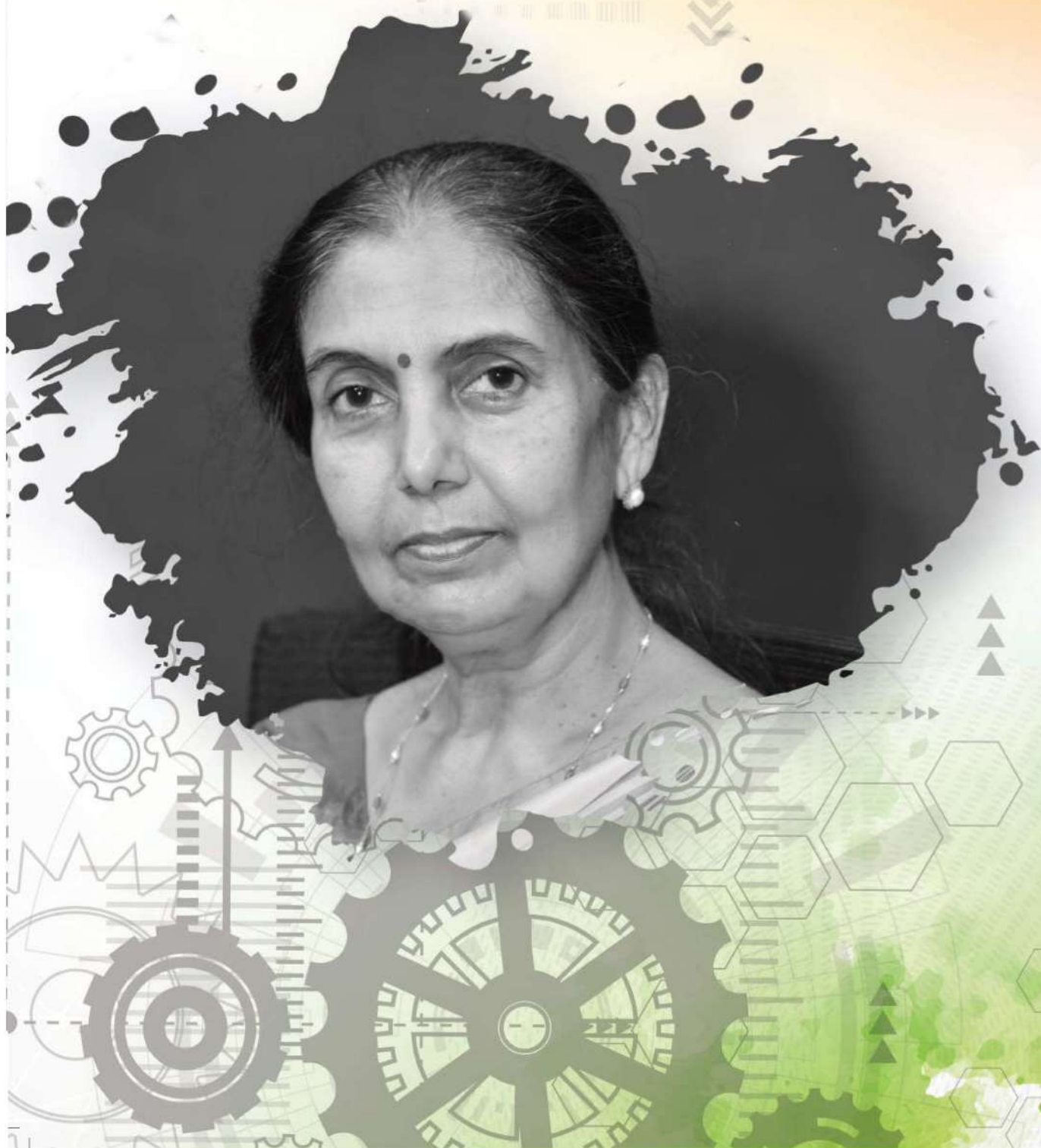
alithambika V.R. was born in Thiruvananthapuram, Kerala, in 1962 to V. S. Ramachandran Nair, a civil engineer, and Vijayalekshmi Amma, a homemaker. She is married to Pradeep Kumar (Chairman, Kerala State Pollution Control Board). She has two children, Poornima, a postgraduate doctor, and Aravind, a postgraduate engineer, and three grandchildren, Sidharth, Souparnika, and Parvathy.

During her childhood, she used to watch the regular-sounding rocket launches from Thumba near her hometown with her grandfather, M.N. Ramakrishna Pillai, a mathematician, and that made her interested in space program. Her education took place in Providence Convent, Kozhikode, Chovva High School, Kannur, and Holy Angels Convent, Thiruvananthapuram. She passed the SSLC examination as the South Kerala topper. She graduated with an Electrical engineering degree from the College of Engineering, Trivandrum, with the best outgoing student award and second rank (University of Kerala). Her MTech degree is from the same college, and her Ph.D. in Electrical Engineering from the University of Kerala (2009).

She joined the Vikram Sarabhai Space Centre in 1988 as a launch vehicle autopilot design engineer. She subsequently expanded her sphere of activity and responsibility to include the entire gamut of design and validation activities and flight telemetry data management for ISRO launch vehicle missions. Over the years, she has held various positions such as Division Head, Group Director, and Deputy Director of the Vikram Sarabhai Space Centre. She took over as the first Director of the Directorate of Human Space Programme, ISRO in 2018 and was later designated as Distinguished Scientist. Her efforts were instrumental in the way forward for India's human spaceflight endeavour, Gaganyaan and in establishment of a Human Spaceflight Centre. Her contributions include evolving crew selection criteria, training curriculum, and enabling the selection of Indian Astronaut trainees.

> Her efforts have been instrumental in the way forward for India's human spaceflight endeavour, Gaganyaan. She has also designed the autopilot for PSLV, GSLV, and GSLV MkIII.

She has designed the autopilot for PSLV, GSLV, and GSLV MkIII and later led the team in developing guidance and autopilot systems, flight software, and validation of Navigation, Guidance and Control systems for all ascent and re-entry missions. She has played a significant role in the conceptualization and operationalization of day of launch wind biasing, enabling all-season launch. She has also been instrumental in devising innovative mission management strategy and robust guidance system design of India's first winged re-entry vehicle RLV-TD with a unique ascent/descent configuration. For ISRO's prestigious Mars Orbiter Mission, she has steered the team to manage mission design challenges while optimizing the design and validation cycle. For long-duration missions with an upper stage in orbit, innovative design strategies have culminated in versatile missions injecting multiple satellites in different orbits. Under her leadership, the integrated simulation facility of VSSC was expanded into a world-class facility with new testbeds, including the iron bird for actuator-in-loop simulation.

She has been conferred with several awards and recognitions, such as the Space gold medal by the Astronautical Society of India; ISRO merit award; ISRO performance excellence award; Doctor of Science (Honoris Causa), Satyabhama University; Marie Curie Mahila Vijnana Puraskara by Karnataka Swadeshi Vijnana Andolana and INAE Woman Engineer of the Year Award. •

Umamaheswaran R

Distinguished Scientist and
Former Director of HSFC, ISRO

Umamaheswaran R, born on May 20, 1963, completed his B-Tech in Electronics & Communication Engineering from College of Engineering, Trivandrum, a Master's in Software Systems from BITS, Pilani, and a Ph.D. in Electronics & Communication from the National Institute of Technology, Tiruchirapalli. He also holds a Master's degree in Russian Language from Kerala University. His professional interests include launch vehicle technology, program management, science and technology policies, and space policy planning.

Dr. Umamaheswaran has been with the Indian Space Research Organisation (ISRO) for nearly 35 years. At Vikram Sarabhai Space Centre (VSSC), he served for 31 years in various roles, including Project Director of GSLV from July 2014 and Deputy Director of VSSC Avionics from May 2017. He was Associate Scientific Secretary of ISRO from May to August 2018 and subsequently became the Scientific Secretary of ISRO. He assumed the role of Director of the Human Space Flight Centre in Bangalore on March 3, 2022.

Significant contributions include drafting the Space Activities Bill and sectoral reforms toward the Atmanirbhar Bharat vision. He chaired the High-Level Interim Committee to implement space sector reforms, enhancing private sector participation. His efforts facilitated private industry access to ISRO facilities, introduced a national registration mechanism for Indian space objects, and enabled the launch of four student satellites in PSLV.

Dr. Umamaheswaran has been a key player in ISRO's international cooperation, co-chairing Joint Working Groups with space agencies such as ROSCOSMOS (Russia), JAXA (Japan), ESA (Europe), NSSA (Bahrain), CRTS & CRERS (Morocco), ASAL (Algeria), CONAE (Argentina), MDAI (Kazakhstan), and EgSA (Egypt). He represented India in the UNCOPUOS meeting (June 2019) and led the ISRO delegation at APRSAF 2020. As Chair of the Working Group on Long-Term Sustainability of Space Activities in UNCOPUOS, he is working with UN member countries on international guidelines for the sustainability of outer space activities.

During his tenure at VSSC, Dr. Umamaheswaran played a crucial role in system integration, checkout, and avionics for ISRO's PSLV, GSLV, and GSLV-Mk III launch vehicles. Notably, he was Chief Designer (Integration) for major subassemblies and mission-critical circuits. He achieved success as Mission Director for three successive GSLV missions and as Vehicle Director for the GSLV D5/GSAT-14 Mission with the indigenous cryo stage. As Deputy Director of the Avionics Entity, he led the development of miniaturized avionics and Electro Mechanical Actuation Systems.

He is a member of several national and international bodies, including the Board of Trustees of the International Academy of Astronautics (IAA) and the IN-SPACe Board. He has held roles such as Chair of the Programme Review and Advisory Committee (PRAC) at the Centre for Nano Science and Engineering (CeNSE), IISC, and Co-Chair of the Joint Policy Committee of ISRO-IIT-B Space Technology Cell.

Dr. Umamaheswaran's accolades include the ISRO Individual Merit Award (2013), ISRO Team Awards (2006, 2014), ISRO Outstanding Achievement Award (2018), ASI-ISRO Award (2016), and honorary degrees from Sathyabama Institute of Science and Technology (2019). He also received the Dr. Biren Roy Space Science and Design Award from the Aeronautical Society of India (2019).

> On March 3, 2022, he took charge as the Director of the Human Space Flight Centre in Bangalore

Athul R T

Data Scientist & Researcher

Athul R. T. is a highly accomplished researcher and data scientist with extensive expertise in data processing, visualization, and analysis, utilizing advanced deep learning and machine learning techniques. With a strong foundation in physics and data science, Athul has made significant contributions across various projects and domains.

From 2022 to 2024, Athul served as a Project Manager (R&D) at Msigma Gokulam, where he led research initiatives in artificial intelligence and machine learning, focusing on areas such as computer vision, deep learning, embedded systems, and the Internet of Things (IoT). Prior to this role, he worked as a Researcher and Developer at Zackriya Solutions from 2020 to 2021, contributing to a range of projects in data science, machine learning, and software testing automation.

Athul's technical skills include operating specialized equipment, such as the Field Emission Scanning Electron Microscope at CUSAT during 2020-2021, and telescopes for astronomical observations from 2019 to 2020.

An active researcher and contributor of open science, open data and free and open source Software.

He has also conducted theoretical research on neutron star equations of state using Relativistic Mean Field theory.

He holds an MPhil in Physics from CUSAT (2017-2018), where his research focused on the orientation effects of disk galaxies through Monte Carlo simulations. Athul completed his MSc in Physics at the University of Kerala (2013-2015), where he reviewed the Lambda-CDM model of the universe, and earned a BSc in Physics from VTM NSS College (2010-2013), analyzing methods that advocate for the presence of dark matter.

Athul has been actively involved in astronomy-related activities since 2012. As a member of AASTRO Kerala, he has conducted various sessions on astronomy topics throughout the state. He is also engaged in citizen science projects, including those on the Zooniverse platform. Notably, he co-authored research related to Astrosat data analysis, which was published in "The Astrophysical Journal."

Manosh T M

Science Communicator &
Phd Scholar at Cochin University of Science and Technology (CUSAT)
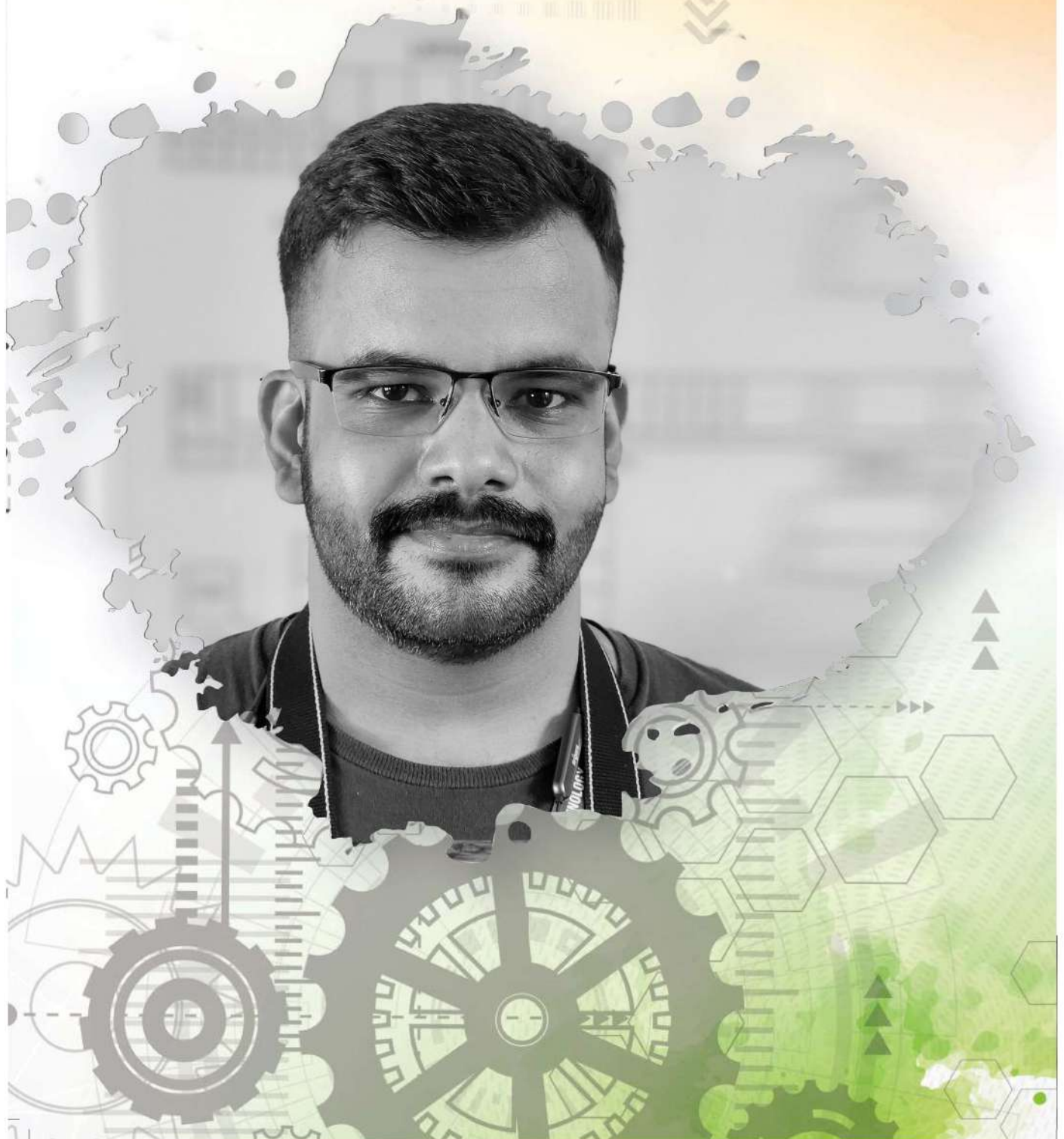
anosh T. M. (Manosh Tharayilparambil Manoharan) is a passionate researcher and Ph.D. student at the Department of Physics, Cochin University of Science and Technology (CUSAT), Kerala, India. His academic journey began at Maharajas College, Ernakulam, where he developed a deep interest in physics, later pursuing advanced studies in cosmology and theoretical physics. Currently, his Ph.D. research is centered on understanding the universe's late-time accelerated expansion, with a focus on constructing a dark energy model that adheres to thermodynamic principles and the holographic framework. Manosh's work is innovative in its approach, exploring entropic models such as Rényi entropy to provide new perspectives on dark energy, and addressing critical challenges like cosmic tensions in observational data.

Beyond cosmology, Manosh has also delved into neutrino physics through his involvement with the NOvA experiment at Fermilab, USA. His research in this area has provided significant insights into the geometric phases of neutrino mixing, examining their dependence on mass ordering and CP-violating phases. His work explores both vacuum conditions and matter effects, offering a nuanced understanding of how neutrinos interact and oscillate.

Active researcher who doesn't settle until the puzzle is better understood. Tries to bridge the gap between observations and theories.

Manosh's academic rigor is complemented by his experience as a project fellow and intern, where he honed his skills in high-energy physics and quantum optics. His contributions to research are widely recognized, with several published papers and conference presentations that showcase his commitment to advancing knowledge in cosmology and particle physics. Driven by a curiosity for the fundamental laws of the universe, Manosh continues to explore the intersection of quantum theory, cosmology, and high energy particle physics, making significant strides in his field.

Sarath Prabhavu

Science Communicator, Writer and Astrophotographer
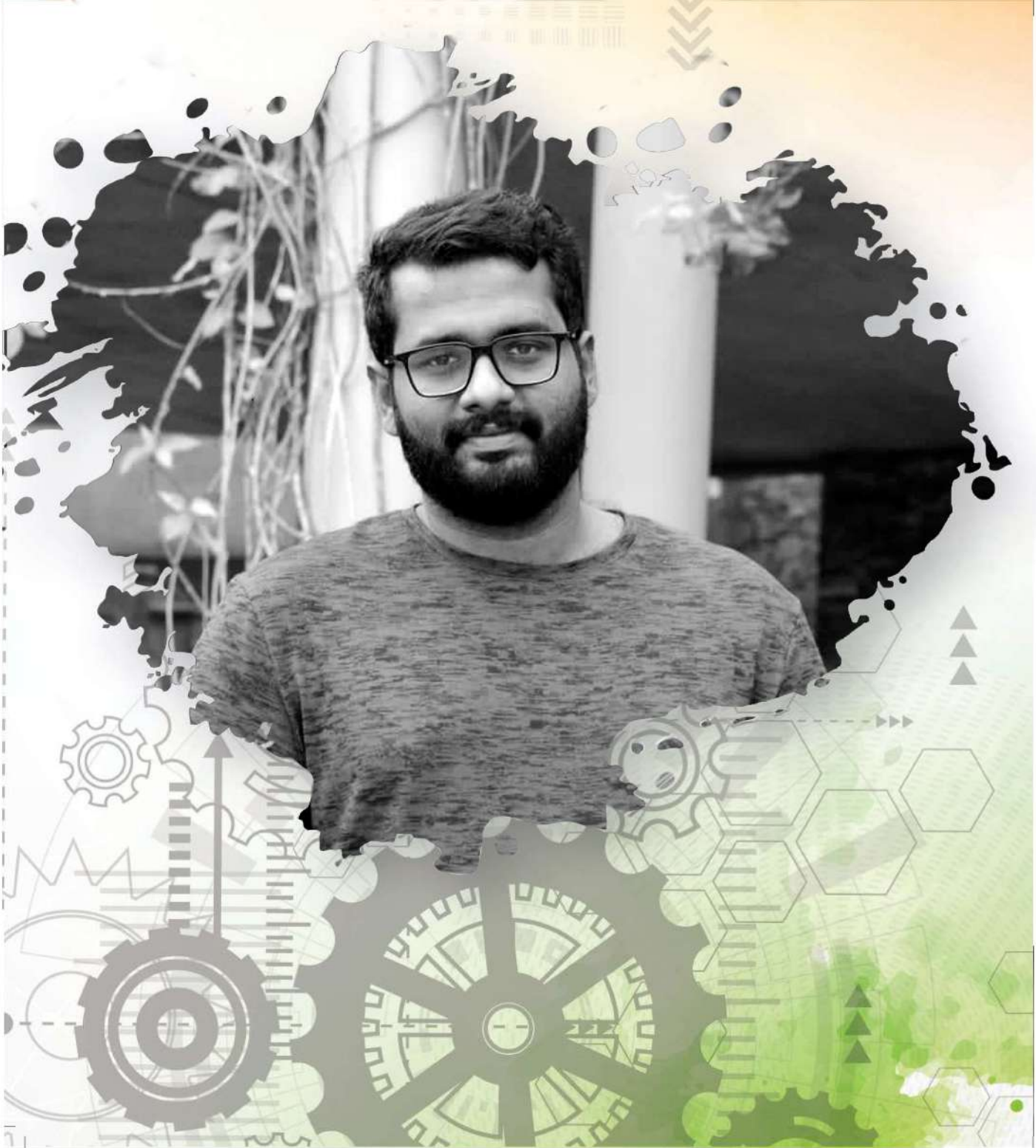
With over a decade of experience, Sarath Prabhavu is a passionate science communicator, writer, researcher, and astrophotographer, specializing in astronomy. His dedication to making space science accessible has touched audiences ranging from school children to the general public. As a coordinator of national and international astronomy classes and workshops, Sarath brings the wonders of the cosmos to people of all ages.

An avid stargazer, he has traveled across India, capturing the beauty of the night sky and organizing stargazing sessions. Sarath also hosts an astronomy show on Kerala Government's educational channel, Victers, inspiring young minds to look up to the stars.

He holds an MPhil in Physics with a specialization in Astrophysics, focusing on Gamma Ray Bursts (GRBs) in his research. Sarath has worked at the International Liquid Mirror Telescope (ILMT), the largest of its kind in Asia, at the Devasthal Observatory. His experience extends to working with the Devasthal Optical Telescope (DOT), India's largest solid mirror optical telescope, further enriching his deep engagement with observational astronomy.

a renowned astrophotographer and science communicator, inspires others to explore the cosmos through his research, writing, and educational programs.

Sarath is associated with numerous prestigious organizations and institutions, including Edu Mithra, AASTRO Kerala, Kerala State Science and Technology Museum and Planetarium, Starvoirs, Space-Up Cusat, IIST Students Camp, IEEE, OutGROW, PRAVAHA Foundation, Discoveralpas, UL Space Club, Sasthrasnehi, Kerala Sasthra Sahithya Parishath, Kerala State Institute for Children's Literature, EMRC (Calicut University), IUCKLAM CUSAT, Malayalam Mission (IGCAR, Kalpakkam), SIET, and ARIES. His collaborations with these groups reflect his deep commitment to fostering a love for astronomy and science education across various platforms and communities.

INDIAN
SPACE SCIENCE
OLYMPIAD