

## Indo - U.S. Youth Space Talent

A series of Programmes in Indian & U.S. Universities celebrating & identifying  
Youth Talent and to promote Global Collaboration in Space Education, Research & Industry

**July 10, 2023**

### Inaugural Address



**Dr. A.S. Kiran Kumar,**  
Former Chairman, ISRO

Dr. A. S. Kiran Kumar is a distinguished Scientist and former Chairman of the Indian Space Agency - ISRO. A highly accomplished space scientist and engineer with a distinguished career spanning over four decades in ISRO in the satellite payload and applications domains, he has made immense contributions to the design and development of Electro-Optical Imaging Sensors for Airborne, Low Earth Orbit and Geostationary Orbit satellites. He has also made significant contributions for evolving the observation strategy encompassing land, ocean, atmospheric and planetary studies.

### Special Addresses



**Tim Dyer,**  
Executive Director, Fralock Inc., USA &  
President, MatSci Innovations LLC, CA, USA



**Prof. Subash Risbud**  
Distinguished Professor Emeritus  
Materials Science and Engineering  
UC Davis College of Engineering, USA



**Cassondra Brayfield**  
Ph.D Scholar,  
UC Davis College of Engineering, USA



**Kevin Yates**  
Ph.D Scholar,  
UC Davis College of Engineering, USA



**D. V. Venkatagiri, CEO**  
Explore The Space  
Chennai

# INDO – U.S. YOUTH SPACE TALENT



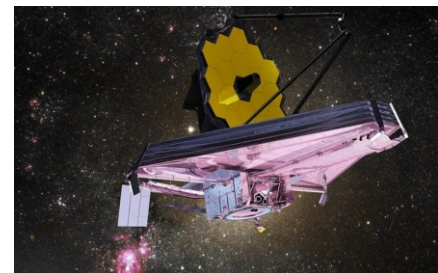
## Celebrating Youth Talent in STEM & Space Technology



**ISRO's Rocket**

- Indo – U.S. Space Education, Research & Business Cooperation
- Programs in University campuses in India and USA
- Launching on 10th July, 2023 @ University of California, Davis, USA
- Indo – U.S. cooperation in Space - India and the United States have agreed to advance space collaboration in several areas, under the 'initiative on critical and emerging technology' umbrella, including human space exploration and commercial space partnership.
- Global Space Industry Market value - \$ 360 Billion (2023).
- No. of Satellites today (2023) in the Orbit – 7000 plus.  
No. of Satellites predicted to be in the Orbit in 2030 – 60,000.
- Many new Space Technologies are emerging - like new materials, new chemicals, energy storage, propulsion engines.
- Improved knowledge of space and the origin of the universe is available now.
- The growing demand is resulting in increased manufacturing of Satellites, ground equipment, launch vehicles and various sub-systems and this is driving the

### Technologies & Ideas driving Space Exploration...



**James Webb Space Telescope looking at galaxies (Photo Illustration by NASA)**



## Advisory Team



**S. Ramasamy**  
Senior Executive Member,  
Computer Society of India,  
Head - IT, Great Lakes Institute  
of Management, Chennai



**Dr. L.K. Sharma**  
CEO, Mahamana Ceramic Development  
Organisation, New Delhi,  
President, Indian Ceramic Society (2021-22)



**S. Balagurunathan**  
Science Writer  
NCERT & Times of India  
Awardee



**S. Narendra Kumar**  
Executive Director  
Apex Solutions Pvt. Ltd.  
Guntur, Andhra Pradesh



**K. Balachander**  
Sr. Consultant  
Explore The Space



**R. Kailasam**  
Sr. Consultant  
Explore The Space



**N. Shankar**  
Sr. Consultant  
Explore The Space



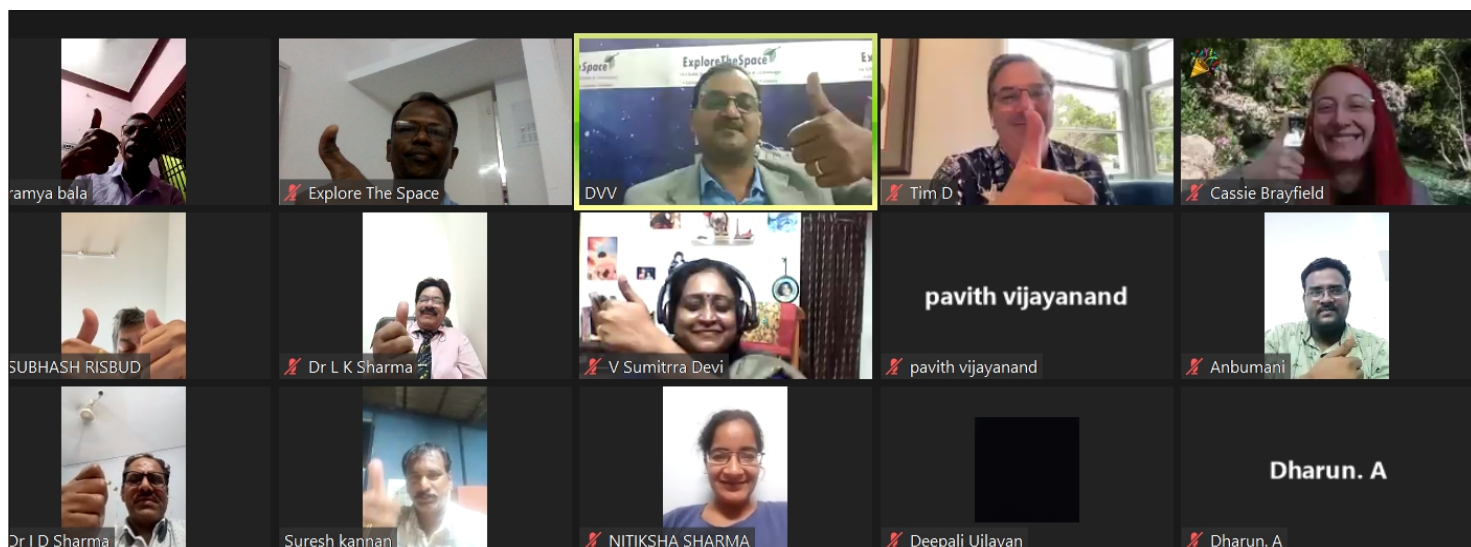
**Prof. V. Sumittra Devi**  
Chief Administrative Officer  
Explore The Space



**Prof. Ar. Shakila Devi,**  
Architect,  
"Thalam" Architecture  
and Planning  
Consultancy Services,  
Madurai, Tamil Nadu

## Glimpses

Launching the Online Course from  
Silicon Valley, USA and India on May 21, 2023



"Explore The Space (ETS)" is an educational venture and an NGO working to promote awareness on Space Sciences and Technology among Schools and Colleges through seminars, quiz programmes, study tours and research. ETS connects Institutions and Industry through its programmes



## Participation in Space Tech Expo, Long Beach, USA, May 2022



## International Moon Day workshops at Schools & Colleges (Conducted 6 different states in India) July 20, 2022



Shree Narayan Guru Vidyalaya, Jodhpur Tekhra, Ahmedabad, Gujarat  
in association with SERF



C S Jain Matriculation School, Thethampet, Srimushnam,  
Cuddalore District, Tamil Nadu - 23rd July, 2022

## Raman - Armstrong Memorial Lecture on Space - Sciences, Technology & Industries (3<sup>rd</sup> Edition) - 21 December, 2022 at GCECT, Kolkata



## Bengaluru Space Expo - 2022 at BIEC on September 5 - 7, 2022



S. Somanath, Chairman, ISRO visited our stall and signed the visitors record. N. Sudheer Kumar, Director & K. Sathish Kumar, Asst. Director, CBPO, ISRO, Bengaluru along with D.V. Venkatagiri, CEO, Explore The Space & The Global Trade Driver explained "Global Space Business Bulletin"

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## Sponsorship Opportunities for Space Related Industries

- Space Technology
- Test and Measurement
- Space Situation Awareness
- Electronics
- Materials
- Mechanical

## Key Benefits

- Network Opportunities with Potential Customers
- Linkages with Educational Institutions
- Find common goals and interests with  
National Space Agencies
- Client discovery and referrals
- New Business Networks

## Sponsorship Options

- Main Sponsorship - Rs.1,00,000
- Co-Sponsorship - Rs.50,000



**NASA's Rocket**



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### Sponsorship Opportunities for Educational Institutions

- Arts and Science Colleges
- Engineering Colleges
- MBA Colleges
- Private Universities

### Key Benefits

- Exposure to latest developments about Space Technology
- Improved knowledge of Space and the origin of the universe
- Network with other stake holders
- Possible Internship opportunities
- Connect with Industry

### Sponsorship Options

- Rs.50,000
- Rs.25,000
- Rs.10,000



ISRO's Rocket