

International Webinar Series on Future of Space Technology & Exploration



Dignitaries who have inaugurated the webinar series so far...



Dr. T. V. Nagendra Prasad
Consul General
Consulate General of India
San Francisco, USA



Her Excellency
Ms. Grace Akello
High Commissioner of the
Republic of Uganda to New Delhi



His Excellency
Mr. Nitirooge Phoneprasert
Consul General, Royal Thai
Consulate General Chennai,
India



Mr. Joseph Avraham
Consul - Trade & Economic Affairs
Consulate General of Israel in
Bengaluru, India

Explore The Space
(Promoting STEM Education & Space Exploration
awareness in Schools across Geographies)

ELCON
PRECISION LLC

Key Takeaways

- Networking
- Certificate for each Participant
- Exposure to latest developments in Space Technologies

Webinar Series Topics

- Edition 1 - June 25, 2021 - **Advanced Materials for Space Exploration Vehicles**
- Edition 2 - September 14, 2021 - **NASA's Artemis Mission - Humanity's return to the Moon**
- Edition 3 - November 24, 2021 - **Micro Satellites - Manufacturing and Operational Technologies & Challenges**
- Edition 4 - February 24, 2022 - **Human Exploration of Outer Space - Past, Present & Future**
- Edition 5 - June 23, 2022 - **Materials for Planetary Exploration**



Tim Dyer,
President, Elcon
Precision LLC.



Dr. Jaydeep Mukherjee,
Director
NASA - FSGC, Florida, USA



Ed Tomasek, Director,
Business Development
Elcon Precision LLC
San Jose, California, USA



Dr. Ram Prasad Gandhiraman
Founder & CEO
Space Foundry Inc., San Jose, USA



Scott J. McCormack, Asst. Prof.
Dept. of Materials Science & Engg.
Peter A. Rock Thermochemistry
Lab. University of California, Davis



Nikki Do, Data Analyst
Elcon Precision LLC
San Jose, USA



**Rebacca Salcedo, Process
Engineer, Elcon Precision LLC,**
San Jose, USA



D.V. Venkatagiri
Chief Executive Officer
Explore The Space, Chennai

Key Points discussed at the Webinar Series:

- Advanced materials - that can withstand high temperatures and that will be lighter in weight - very essential for the advancement of space exploration.
- The Artemis program is a human spaceflight program that is being led by NASA with multiple international and US domestic partners with a primary to return humans to the Moon, specifically the lunar south pole, by 2025
- The miniaturisation of electronics chips and development of Nanotechnology has brought in the great concept of Microsatellites. Satellites that were the size of a room are today as small as a loaf of bread! And they do more work with greater efficiency and speed.
- Space Tourism and In Space Manufacturing are great ideas which can make travel to space a regular phenomenon in the near future.

Objectives of the Webinar Series:

- To encourage the global youth to pursue Space Education
- Facilitate Industry Institution Linkages in Space and Allied Industries
- To emphasize on Global Space Cooperation

Who Can Register - Research Scholars, Entrepreneurs, Senior / High School, College and University Students from all over the World and with background in Engineering, Mathematics, Physics, Chemistry, Management, Life Sciences, Astronomy, Metallurgy and Material Science, Aerospace and Aeronautics.

Do you want to participate in this webinar

Please contact : +91 9790186633 or email: explorespace360@gmail.com