



## DEPARTMENT OF AEROSPACE ENGINEERING

### Report for Webinar on “Opportunities in the Space Industry for All Engineering Domain”

<b>Name of the Event</b>	:	Technical Webinar
<b>Resource Person</b>	:	<b>Mr. Ravindra Raj BM</b> <b>CEO, Omspace Rocket and Exploration Pvt Ltd.</b> Ahmedabad.
<b>Date &amp; Time</b>	:	18.04.2023 & 11.00 AM
<b>Venue</b>	:	IV Floor Seminar Hall.
<b>No. of Participants</b>	:	47 Students.

### About the Webinar

The Department of Aerospace Engineering in association with IEI & Space and Rocketry Club organized the technical webinar titled “**Opportunities in the Space Industry for All Engineering Domain**” to impart the knowledge of Job opportunities in space industries to the Aerospace Engineering students.

The program was started at 11.00 AM with the welcome speech by Dean of the AS Department Dr. P. Theerthamalai and also introduction about the chief guest. The resource person handled a very interesting session about the space industry and its requirements. The resource person outlined the following points.

List of companies related to Space activities.

About Omspace

Job Opportunities in Omspace and other space industries.

Training courses offered by Omspace

Projects, Startups and Consultancy services.

At the end of the session, students interacted with the resource person to clarify their doubts in the topic. Students expressed their gratitude that the program was highly informative and interesting. Finally, the seminar ended with the vote of thanks.



# ACS College of Engineering

#207, Kambipura, Mysore Road, Bangalore – 560 074.

Affiliated to VTU, Belgaum. Approved by AICTE, New Delhi & Govt. of Karnataka



## DEPARTMENT OF AEROSPACE ENGINEERING

Event Poster:

**ACS COLLEGE OF ENGINEERING**  
 Affiliated to VTU, Belagavi, Approved by AICTE New Delhi and Govt. of Karnataka  
 (A Unit of RajaRajeswari Group of Institutions)  
 Mysore Road, Bengaluru, Karnataka.

**DEPARTMENT OF AEROSPACE ENGINEERING**  
 In Association With  
**SPACE AND ROCKETRY CLUB**  
 Organizes

**A WEBINAR ON**  
**"OPPORTUNITIES IN THE SPACE INDUSTRY FOR ALL ENGINEERING DOMAIN"**

**Date: 18.04. 2023**  
**Time: 11:00 am to 12:30 pm**

Join Zoom Meeting Link:  
<https://zoom.us/j/99170963269?pwd=bmhQUEhwYzdpYmtBbjd4d2kzZEIQQT09>

**Resource Person:**  
**Mr . Ravindra Raj BM**  
 CEO and Founder  
 Omspace Rocket and Exploration Pvt. Ltd  
 Ahmedabad.

**EVENT COORDINATOR**  
 Dr. C. SURESH  
 Ph:9840515678

**DEAN**  
 Dr. P. THEERTHAMALAI  
 FORMER SCIENTIST – DRDO.

**HEAD OF THE INSTITUTION**  
 Dr. M. S. MURALI  
 PRINCIPAL





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## DEPARTMENT OF AEROSPACE ENGINEERING

### Gallery:

**Opportunities in Space Industry For all Engineering Domain**  
**Speaker:** Mr. Ravindra Raj  
 Organized by ACS College of Engineering in Collaboration with OmSpace Rocket and Exploration Pvt Ltd.

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**DEPARTMENT OF AEROSPACE ENGINEERING**  
 In Association With **SPACE AND ROCKETRY CLUB**  
 Organizes **A WEBINAR ON "OPPORTUNITIES IN THE SPACE INDUSTRY FOR ALL ENGINEERING DOMAIN"**

**Date:** 18.04.2023  
**Time:** 10:00 am to 12:30 pm

**Resource Person:**  
 Mr. Ravindra Raj Bhat  
 CEO and Founder  
 OmSpace Rocket and Exploration Pvt. Ltd  
 Ahmedabad.

**Participants:** Sruvati, Spairi, Sbr, Sbr, Theerthamal P, Theerthamal P, OnePlus 7, OnePlus 7, MURALI SRIPAL

**Now Using the International Space Station**

**2020s Operating in the Lunar Vicinity (proving ground)**

**After 2030 Leaving the Earth-Moon System and Reaching Mars Orbit**

**Phase 0:** Continue research and testing on ISS to solve exploration challenges. Evaluate potential for lunar resources. Develop standards.

**Phase 1:** Begin missions in cislunar space. Build Deep Space Gateway. Initiate assembly of Deep Space Transport.

**Phase 2:** Complete Deep Space Transport and conduct yearlong Mars simulation mission.

**Phase 3:** Begin sun crew expo to Martian and surfa Mars.

**Participants:** Vasanth Kumar M, Vasanth Kumar M, Rangan, Rangan, GANESHAN K, Theerthamal P, Theerthamal P

**Opportunities in the SPACE INDUSTRY?**

- \$242 MILLION: SPACE MANUFACTURING
- \$150 MILLION: SPACE OPERATIONS
- \$1,001 MILLION: SPACE APPLICATIONS
- \$229 MILLION: ANCILLARY SERVICES
- \$119 MILLION: RESEARCH & DEVELOPMENT
- \$10 MILLION: GOVERNMENT

**Participants:** Sagarika K R, Sagarika K R, Sruvati, Spairi, Sbr, Theerthamal P, Theerthamal P