

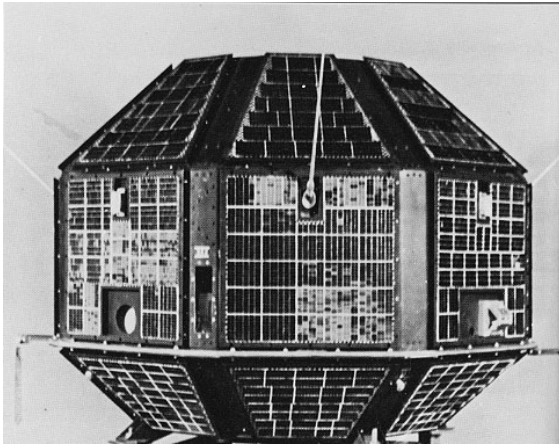
National Satellite Day

Awareness webinar series

On

“Artificial Satellites”

Dates : April 19-21, 2022



Organised by:-

Indian Space Industry Exhibitors

Ahmedabad-Ghaziabad

(A micro venture by Ex. ISRO Sci. & IITR Alumnus)

Co-sponsored by:-

PMG Engineering, New Delhi

Ananth Technologies, Hyderabad

Introduction:

April 19 is observed as the National Satellite Day in India. This day marks the anniversary of the launch of India's first artificial satellite launch by USSR on April 19, 1975. It marks India's entry into Space age and technological advancements.

The U R Rao Satellite Centre (erstwhile ISRO Satellite Centre) celebrates the day by organizing many activities in house and awarding the winners for their contribution in various activities. URSC also publishes a journal on “Satellite Technology” for the benefit of the young researchers and professionals.

The Indian Space Industry Exhibitors (ISIE), Ahmedabad-Ghaziabad decided to celebrate the National Satellite day this year by Organizing an awareness webinar on “Artificial Satellites” with the support of other professional associations.

About seminar:

During the webinar series lectures on various topics related with the Artificial Satellites would be delivered by the experts from ISRO, Academic & Research Institutions and Industries. Broadly the topics related with Basics of Artificial Satellites, Space Environment, Structure, Materials, Manufacturing, Sensors, Payloads, Tracking systems etc would be covered.

The webinars would mainly help in knowledge sharing and value addition of not only the young professional **Mechanical, Civil,**

Electronics, Electrical and other engineers but also of the engineering college faculty and students, Scientists/ Engineers working in various research organizations. The sharing of knowledge would help in gearing up for meeting the future technical challenges in making large number of Satellites for India and other countries.

About ISIE: Indian Space Industry Exhibitor, (ISIE) is an Ahmedabad-Ghaziabad based micro venture registered under MSME, New Delhi. **Udyam Registration No.: UDYAM-GJ-01-0068356.** The vision of ISIE is to spread the awareness about the **Basics of Space Exploration and tremendous Applications of Space Science and Technology** among the young school and college students along with the common man through exhibitions and seminars. Spreading awareness and educating young persons of the society is a part of social initiative.

The ISIE is also actively involved with Academic institutions, Indian industries, and professional societies in arranging awareness seminars on the advance technologies/topics e.g. Additive manufacturing / RPT / 3D printing, SATCOM, Satellite Remote Sensing, Composite, light weight, stiff and SMART materials, etc used in Space and Hi-Tech engineering industries.

Platform: Zoom, 3 talks per day. Time 1400-1900 Hrs.

Tentative List of Speakers:

- 1. About India's First Satellite Project Aryabhata:** Invited talk by Shri R K Rajangham, Ex. PD INSAT3A & 3C, URSC.
- 2. Introduction about artificial satellites and orbits :** Sh. J P Joshi, Ex. HOD, SAC?ISRO Ahmedabad.
- 3. Spacecraft Subsystems:** Shri S Dasgupta, Ex. Dy. Director, URSC/ISRO Bangalore.
- 4. Satellite Payloads:** Dr D R M Samudariah, Ex. Dy. Director and Shri A K Sisodiya, Ex. Group Director, SAC/ISRO Ahmedabad.
- 5. Power Systems:** TBD
- 6. Manufacturing (and Materials) of Spacecraft Structures:** Dr Gajbir Singh, Ex. Group Director, URSC/ISRO, Bangalore.
- 7. Assembly and Integration of Satellite :** Mr. Pradeep Kumar, Former Group Director, VSSC/ISRO, Thiruvanthpuram.
- 8. Testing of Spacecrafts subsystems:** Shri K M Bhardwaj and Shri Dinesh Kumar, Group Head, URSC/ISRO Bangalore.
- 9. Indian Students Satellite Projects:** By Shri B D Mehta, Ex.HOD,SAC, ISRO Ahmedabad.
- 10.Introduction about activities of "Society for Small Satellite Systems (SSSS):** Prof. DVA Raghava Murthy, Ex. Project Director, URSC/ISRO, Bangalore..
- 11. Introduction about activities of Planet Aerospace, Bangalore:** By- Mr A A Bokil, Ex. Scientist, URSC/ISRO

Sponsor/Co-sponsors:

Corporate / NGOs / Professional Societies, Science Clubs etc are requested to come forward and help the organizer by co-sponsoring the awareness seminar. **The interested companies dealing in Satellite**

related technologies can make a presentation of their products on payment of a nominal fee.

Registration Procedure and Fee:

All participants are requested to do registration using the Google link <https://forms.gle/6yGRr17jQbqY1jR39> and Deposit the following registration fee by ECS/RTGS or by any other mode and send the transaction details by email.

- **School and ITI students: Rs. 150/-**
- **Diploma & UG Students: RS. 250/-**
- **PG and Research Students.: Rs. 350/-**
- **Faculty members: Rs. 450/-**
- **From Industry: Rs 550/-**

The registration fee, sponsorship and presentation amount etc may be sent by ECS in favour of,

"Indian Space Industry Exhibitors"

Account number: 3685545342

IFSC : CBIN0281661, CBI, Ahmedabad.



Programme Co-ordinator:

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Well wishers and Supporters:

1. The Institution of Engineers(I),DSC
2. IEEE-Gs
3. IITR Alumni Association, Ahmedabad
4. UOR77 batch foundation, New Delhi
5. Broadcast Engineering Society (I) – Ahd. Chapter
6. MICOB Private Ltd, Gandhinagar

Knowledge partners :

1. Space Geeks, Mumbai
2. Planet Aerospace Bangalore
3. Safety and Quality Forum, IEI, New Delhi
4. Society for Small Satellite Systems, Bangalore
5. Enlivening Technologies, Bangalore

Co-sponsored by:

**Space Technology Cell, IIT Roorkee
Ananth Technologies Hyderabad.**

PMG Engineering, New Delhi

**Shri Lal Bahadur Space Science Gallery
Ghaziabad**

**For co-sponsoring the event pl.
contact at: antrixudyog@gmail.com**