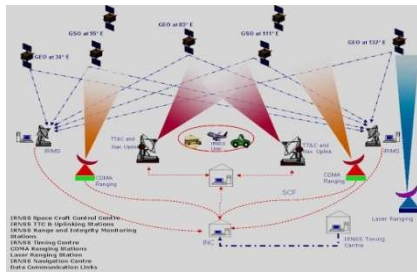


Awareness webinar series on

## “Satellite Navigation and NavIC Applications for the Common man”

Dates: February 6-8, 2021



2020-21 is the Birth Centenary Year of  
Dr. Satish C. Dhawan , DOB: 25-09-1920



Organised by:-

**Indian Space Industry Exhibitors**

(A micro venture by IIT Roorkee Alumni)

**Ahmedabad-Ghaziabad**

**and**

**The Institution of Engineers (I)**

**Delhi State Centre**

Co-sponsored by:-

**IEEE-Gujarat Section**

**IEEE Gujarat Section**

### About the Seminar:

It was the dream of Dr. Vikram Sarabhai, the father of India's Space Programme that fruits of Space Science and Technology should reach to the common man of the country. Late Dr. Satish Dhawan, the first Secretary of Dept. of Space and Chairman ISRO, ensured that the dreams of Dr. Sarabhai are realized. This year is being celebrated as birth centenary year of Dr. Satish Dhawan, **This awareness lecture series would be a befitting tribute to both the jewels of the country.** The lecture series would be very useful to the individuals, students, faculty members, professional and young engineers etc.

Space Science and Technology has tremendous applications in the field of Satellite Communication, Remote Sensing and Navigation. A large number of applications are found very useful to the society. The development of a country depends mainly upon the education and health of the society.

During the online awareness lecture series, the experts in Satellite Navigation would be delivering invited talks covering the following topics mainly to educate and create awareness among the young students, faculty, professionals and the common men of the country.

1. Basic of Satellite Navigation (SATNAV)
2. Indian satellites with SATNAV payloads
3. Applications of SATNAV/ NavIC
4. Indigenous Hardware Development
5. Indian Industries contribution
6. Indian SATNAV industry

### About ISIE: (MSME Reg. No. GJ01D0109645)

The Indian Space Industry Exhibitors (ISIE) is registered under MSME and having offices at Ahmedabad and at Ghaziabad (UP). 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 in

### About IE(I):

**The Institution of Engineers (India)** is the largest professional body with nearly 9.50 lac members, 94 State and Local Centres in the Country and 8 overseas chapters. The Institution of Engineers (India) Delhi State Centre was established in 1927. It has the privilege of having many engineering personalities of high eminence as its President. The total corporate membership of the Delhi State Centre is now having over 9252 representatives from 15 Engineering disciplines and about 22000 non-corporate members consisting of Technicians, Sr. Technicians and Graduates.

**Tentative schedule:** Time 1500-1800 hrs.,

**Platform:** Google meet/Zoom

Geodesy first and later in Satellite Navigation. He was Deputy Project Director for "GAGAN" Project.

**3. Shri S N Satashia:**

Shri Satashia retired from SAC/ISRO as Group Head after working for more than 35 years in the field of Satcom and NavIC.

**4. Shri Mansoor Ahmad:**

Shri Mansoor Ahmad is working currently as ED, CNS planning at AAI and has more than 35 yrs experience in Communication, Navigation and Surveillance.

**5. Shri S V Satish:**

Shri S V Satish retired as ED, ATM, from AAI and has more than 35 yrs experience in Air Traffic Management..

**6. Shri A K Saksena:**

He retired from Indian Railway after working for more than 35 years. He was Ex. General Manager of North Central Railway and Ex Adviser Signal Rly. Board & RailTel Corporation.

**7. Dr. Anindya Bose:**

He is working as Senior Scientific Officer in the Physics Dept, The University of Burdwan, West Bengal and is actively involved in multi-GNSS and NavIC.

**8. Shri Santosh Kumar:**

He is actively involved in development of NavIC receivers at M/S Accord Bangalore.

**Media Partner:**

[info@sunriseindiasamachar.com](mailto:info@sunriseindiasamachar.com), Ph: 9312626580



**Sponsorship/Demonstration:** As the seminar is being organized for technical awareness of the Indian youths and the common man, for their value addition the Industrialists, Technocrats and the Philanthropist are requested to help by co-sponsoring and supporting the

event. Industries can make a presentation/demo of their products on payment of a nominal fee.

**Registration Fee:** (For all the webinars)

- **Students: Rs. 100/-**
- **Individuals: Rs. 200/-**
- **R&D and Academic Inst.: Rs 300/-**
- **Industry Rs. 500/-**

The Registration fee, sponsorship amount, etc may be sent by ECS/ RTGS or any Mobile App. in favour of,

**“Indian Space Industry Exhibitors”**

**Account number: 3685545342**

**IFSC : CBIN0281661, Central Bank of India, SM Road Branch, Ahmedabad**

**Registration:** After depositing the fee please send the receipt, affiliation, contact details etc. through email and whatsapp and register on <https://tinyurl.com/y7axdjtm>

**Programme Co-ordinators:**

**1. Shri Jitender Sharma**

Hon. Secretary, IE (I) DSC, New Delhi  
Phone: 011-23379052

**2. Shri V K Jain**

Retd. HOD, SAC/ISRO, Ahmedabad

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**Whatsapp: 9427308691**

**Webinar Series Supported by:**

- 1. AI-ROBOTICA, Bangalore**
- 2. IP Solutions Japan / Jyoti Electronics, India**
- 3. Broadcast Engineering Society (I) – AC.**
- 4. Space Geeks, Mumbai**

1. “India’s Space programme and NavIC”. Inaugural talk
2. Basics of Satellite Navigation, payloads and Worldwide Satellite Navigation systems: Mr A K Sisodia, SAC/ISRO.
3. NavIC (Desi GPS): Concept, Realization, and implementation: Dr M R Sivaraman, SAC/ISRO.
4. Development of MSS based Satcom terminals with NavIC receiver and UHF based Distressed Alert Transmitters for Fisherman: Mr S N Satashia, SAC/ISRO.
5. Role of AAI in development of GNSS: Mr Mansoor Ahmad, Member, ANS, AAI
6. Applications in Civil Aviation: Mr Satish Kumar, AAI
7. Applications of NavIC in Railways: Mr. Arun Saksena, Indian Railway.
8. A few important applications of NavIC in other depts. Dr. M R Sivaraman, SAC/ISRO
9. NavIC Differentiators, Advantages and Application Potentials: By Dr A Bose, BU
10. Demo/video show of the receivers developed for NavIC: Mr Santosh Kumar, M/S Accord.
11. Contribution and presentation by Indian industries

**About Speakers:**

**1. Shri A K Sisodia**

He graduated from IIT-BHU in E&C and PG from IIT-UOR. He retired as Group Director from SAC/ISRO after working for more than 35 years in the field of Satcom and Satnav.

**2. Dr. M R Sivaraman**

He retired as Scientist/Engineer 'G' from SAC/ISRO, Ahmedabad. He took PhD in Physics from Physical Research Laboratory, Ahmedabad. He worked for more than 35 years in the field of Satellite



INDIAN SPACE  
INDUSTRIES EXHIBITORS

## Awareness Webinar Series

# SATELLITE NAVIGATION AND NAVIC APPLICATIONS FOR THE COMMON MAN

February 6-8, 2021.



Registration Link



<https://tinyurl.com/y7axdjt6>

*Celebrating Birth Centenary Year of Dr. Satish Dhawan*

**IEEE** Gujarat  
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