

Date: 25 January 2024

ONLINE MODE

WebEx Link: (TBD)

Link will be shared with confirmed candidates 1-day before the event.
(Registration Mandatory)

Organising Committee

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Mr Niyaz Majeed, uBlox India

Contact

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Scan the QR Code to Register



Indian Radio Science Society

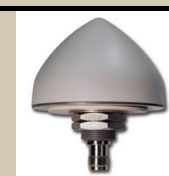
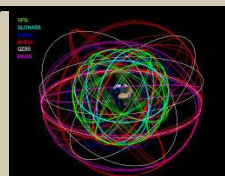


1-day online Workshop

NavIC: Development, Scope, and Applications

(Co-Sponsored by Commission C - International Union of Radio Science, URSI)

25 January, 2024



Global Navigation Satellite System (GNSS) is now used for myriads of applications with reliability, precision, global, all-weather availability, and cost-effectiveness. Using satellite signals, GNSS provides accurate position, timing, and velocity (PVT) information. IRNSS/ NavIC is the Indian Regional Navigation System designed, developed, and maintained by ISRO. This one-day workshop is designed to expose the participants on the status, future, application, potential and challenges of NavIC. Experts from multiple institutions and industry would deliver talks in the event. Target audience is master's degree students, researchers, industry participants and decision makers involved in GNSS/ NavIC related activities.

Tentative Program Schedule

Time	Speaker(s)	Topic
9:30-10:00	Inauguration	
10:00 – 10:45	Mr P Sajith SNPO, ISRO	NavIC: Current status and future
10:45 – 11:30	Dr Ashish K Shukla, SAC, ISRO	NavIC positioning challenges
11:30 – 12:15	Mr S Ganesh T, ISTRAC, ISRO	NavIC timing aspects
12:15 – 13:00	Dr N Dashora NARL, DOS	NavIC potential in space weather research and mitigation of ionospheric error
BREAK		
14:00 – 14:45	Dr S Das, IIT, Indore	NavIC Non-PVT Applications
14:45 – 15:30	Dr A Bose Burdwan Univ.	NavIC hardware vis-à-vis the market potential
15:30-16:15	-	NavIC Manufacturers' Session
16:15-17:15	Round Table on NavIC application challenges	Prof Dinesh Manandhar – Moderator Dr A Sen Gupta, InRaSS Renowned Academicians, Researchers, Representatives from GNSS/ NavIC Industry

About InRaSS (<https://www.inrass.in>):

The Indian Radio Science Society (InRaSS), a non-governmental and non-profit organisation, whose mission is to disseminate radio science in India and neighbouring countries and foster excellence in radio science among young scientists/engineers who choose any aspect of radio science in their career.

Important Points:

- No registration fees.
- Registration Link: [Click to Register](#). (or Scan the QR Code)
- Last Date of application: 19 January 2024; confirmation by 23 January 2025.
- Selection basis: application date and background
- Best 25 percentiles of young participants (<35 years), selected through an online Quiz, will receive prizes sponsored by URSI and Industry.
- Digital Certificates will be provided to all the participants by InRaSS.