



Online Workshop on “Satellite Broadband: Trends, Opportunities and Challenges”

25th February 2025, Tuesday (10:00-13:30 Hrs)

Workshop Objective

Satellite broadband is revolutionizing global connectivity, offering high-speed internet access in remote, rural and disaster-prone areas where traditional networks are not feasible. With advances in Low Earth Orbit (LEO) and Medium Earth Orbit (MEO) constellations, satellite broadband is set to enhance digital inclusion, support 5G backhaul, and drive economic growth. This webinar will explore opportunities like bridging the digital divide, enterprise and defense applications, smart agriculture, and emergency response. It will also discuss challenges such as high costs, spectrum allocation, regulatory hurdles and affordability, along with policy interventions, evolving ecosystems, global trends, and public-private partnerships. Target Audience: Officers from DoT, BSNL, MTNL, Government, TRAI, TSPs, ISPs, Academia, and industry.

Inaugural Session (10:00 - 10:25 Hrs)

10:00 - 10:10	Welcome Address	Sh. H. S. Jakhar , DDG (Tx & NGS), NCA-T, Ghaziabad
10:10 - 10:20	Inaugural Address	Sh. Deb Kumar Chakrabarti , DG, NCA-T, Ghaziabad
10:20 - 10:25	Vote of Thanks	Sh. Amit Kumar Chauhan , DIR (Tx & NGS), NCA-T, Ghaziabad

Technical Sessions (10:25 - 13:30 Hrs)

S. No.	Time (Hrs)	Topic	Speaker(s)
1.	10:25-11:15	Satellite Communication: Concepts and Technological trends	Sh. Prafulla Kumar VP (Tech) and Product Head (Satcom), RJIO
2.	11:15-11:45	Satellite Communication: Regulatory Issues, Spectrum Assignment and Way Forward	Sh. Arun Agarwal DDG (Satellite), DoT HQ
3.	11:45-12:30	Satellite Broadband: Technological solutions, ecosystem, worldwide trend, opportunities and challenges in India (Industry perspective)	Sh. Harsimaranjit Singh Gill Director Sales, Intelsat
4.	12:30-13:15	Boosting Space Communication: Role of IN-SPACE	Ms. Sonali Nanda Dy. Director, PMA Directorate IN-SPACE
5.	13:15-13:28	Questions and Answer session	Concerned Speaker
6.	13:28-13:30	Vote of thanks	Sh. Ravi Kumar Assistant Director (Tx & NGS), NCA-T, Ghaziabad

Dignitaries in Inaugural Session



Deb Kumar Chakrabarti
DG, NCA-T, Ghaziabad



H. S. Jakhar
DDG (Tx & NGS), NCA-T, Ghaziabad



Amit Kumar Chauhan
Director (Tx & NGS)

Online Platform & Registration

Microsoft Teams

25th February, Tuesday, 10:00 -13:30 Hrs

Link & QR Code to join the Workshop:

<https://tinyurl.com/Satellite-Broadband-Workshop>



Expert Speakers

Shri Prafulla Kumar

VP (Tech) and Product Head (Satcom), RJIO



Sh. Prafulla Kumar is Vice President, Technology & product head (Satcom) at Reliance JIO. He is an expert in satellite communication technology. His expertise in planning and implementing HTS capabilities has been crucial in realizing GSO & NGSO based satellite communication network. He has experience in orbit spectrum resource management and involved in interference analysis. Before Joining Reliance JIO, he worked in ISRO for about 15 years. He has vast experience in all the domain of SATCOM i.e. satellite payload configuration, Ground segment and spectrum management. He was also involved in ITU-R activities where he took lead on sharing studies between terrestrial & satellite services.

Shri Arun Agarwal

DDG (Satellite), DoT HQ



Sh. Arun Agarwal holds a Bachelor of Engineering degree in Electronics Engineering and MBA. He is an Indian Telecom Service Officer of 1990 batch and has about 33 years of experience in various areas of telecom such as planning, installation, standardization, rural telecom, USOF Schemes, Satellite, Sustainability etc. Presently, he is working as a Dy. Director General (Satellite) in the Department of Telecom (DoT) HQ, New Delhi.

Shri Harsimaranjit Singh Gill

Director Sales, Intelsat



Sh. Harsimranjit Singh Gill joined Intelsat as Country Manager two years back. He leads Intelsat's India sales team and is responsible for business across Media and Networks business units. His expertise lies in strategic planning, regulatory compliance, business development and forging new partnerships to expand business into new verticals for India region. With over 19 years of sales experience, he previously held leadership positions in Wyplay, ATX and Irdeto. He holds an MBA and Bachelor's degree in Electronics engineering.

Ms. Sonali Nanda

Dy. Director, PMA Directorate, IN-SPACE



Ms. Sonali Nanda has completed B.E (ECE) from MDU, Rohtak, MBA (Finance & Systems) from VIT, Vellore and has completed her MA (Space and Telecommunications Law) from NALSAR, Hyderabad. She joined Antrix Corporation Limited, the commercial arm of ISRO in Nov. 2007 and has worked in the Satellite Telecommunication Services Business vertical. As Senior Manager SATCOM, she gained 15 years of expertise in managing INSAT/GSAT/Foreign leased transponders provision agreements with various commercial users. She has undertaken various assignments related to market assessment, Business development, costing/pricing of satellite transponders, ISRO's special satellite and ground network projects for strategic users, Marine Vessels AIS data, Legal petitions at Hon'ble TDSAT etc. Since Nov. 2022, she is on deputation at IN-SPACE as Deputy Director in Program Management and Authorisation Directorate, Ahmedabad.

Organizing Team

Tx & NGS Division, NCA-T, Ghaziabad



H. S. Jakhar
DDG (Tx & NGS)



Amit Kumar Chauhan
Director (Tx & NGS)



Ravi Kumar
AD (Tx & NGS)