



### **National Telecommunications Institute** for Policy Research, Innovation and **Training (NTIPRIT)**

# Webinar on "Broadband for all: Role of Satellite Communications" on 20th April, 2022

## **Inaugural Sessions**

11:00-11:05: Welcome Address

11:05-11:20 : Keynote Address

11:20-11:30: Inaugural Address

11:30-11:32 : Vote of Thanks

**Technical Sessions** 

Sh. U.K. Srivastava, DG, NTIPRIT

Sh. Nilesh M. Desai, Director SAC, ISRO

Sh. K. Rajaraman, Secretary (Telecom), DoT

Sh. Raju Sinha, DDG (Tx & NGS), NTIPRIT

11:32-11:50: 'Regulatory Push for Broadband for All: User Driven Space Policy

Sh. Ashish Kumar ,Director(Satellite), DoT HQ

11:50-12:10: 'Delivering Satellite Broadband via Multi-Orbit Constellation'

Sh. Harsh Verma Vice President, Sales – Asia, SES

12:10-12:30: 'Comparative Study of LEO/MEO/GEO/HTS Satellite'

Sh. K Krishna, Vice President & CTO

**Hughes Communications India Limited** 

12:30-12:50: 'Satellite based Quantum Secure Communication'

Sh. Adarsh Jain, Head QSTD, SAC, ISRO

Q & A Session

12:50-13:00: Questions & Answers

Date: 20<sup>h</sup> April, 2022

Time: 11:00 Hrs to 13:00 Hrs

Platform: Microsoft Teams

To register: SCAN the QR Code

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Once you register, joining link will be shared on your email which you can use to join or save it to join on the day of webinar.

Participants are requested to join the workshop at least 10 minutes before the start of the session (10:50 AM)



Sh. K Rajaraman Secretary (T), DoT

Shri K. Rajaraman is an Indian Administrative Services officer from 1989 batch. He was previously working as Additional Secretary Department Economic Affairs (DEA). He has worked towards fostering economic relations worldwide particularly G 20 and BRICS countries. He holds bachelor's degree in Engineering and master's degree in financial management.



Sh. Nilesh M Desai, Director, SAC, ISRO

Sh. Desai is a Distinguished Scientist and holding the charge of Director , Space Applications Centre (SAC), ISRO Ahmedabad. After doing BE, he started his career at SAC/ISRO in 1986. He is having more than 35 years of Experience in design and development of ISRO's Microwave Radar Systems, applications involving earth observation, navigation and communication technologies for societal benefits, governance and strategic uses.

He has been the main author or co-author of about 175 technical papers presented at various national and international conferences. He has also contributed significantly in more than 225 technical

reports of SAC/ISRO

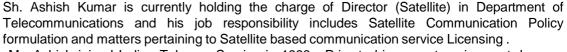


Sh. U. K. Srivastava, **DG. NTIPRIT** 

Shri U. K. Srivastava, is an officer of Indian Telecom Service (ITS) and presently serving as DG & Head of NTIPRIT, DoT Government of India. He has over 36 years of rich experience in the field of Telecommunications and has led various units of DoT, Govt of India and Telecom Regulator in India, TRAI. He had also worked in ITU at Iraq and its HQ at Geneva



Ashish Kumar Director, Satellite, DoT HQ



Mr. Ashish joined Indian Telecom Service in 1999. Prior to his current assignment, he was working with Ministry of External Affairs where he was coordinating the implementation of India's major grant projects in the neighbouring countries. He holds a master's degree in Telecommunications Engineering



Harsh Verma Vice President, Sales – Asia SES

Sh. Verma leads the sales and business development efforts of SES's Networks business across the Asia region. Harsh has been with SES (earlier O3b Networks) for 10 years.

Harsh has vast experience in the satellite industry ranging from operations, sales engineering, product strategy and sales. He is an engineering graduate with master's in international business. Prior to SES networks, Harsh has had extensive experience working with leading OEMs and service providers in the satellite industry in the Asia Pacific region notably with Hughes Network System (APAC and India operations) and PCCW.



K Krishna
Vice President & CTO
Hughes Communications
India Limited

Sh. Krishna is the Vice President and the Chief Technology Officer of Hughes in India. He has been with Hughes and the Satellite Industry for more than 27 years. He has been one of the founding members of the India operations of Hughes. He is responsible for the technology roadmap of the Company and spearheads the various strategic initiatives of the Company. He also plays the role of a Chief Regulatory Officer. Krishna represents Hughes and the Satellite industry in various forums as an evangelist of satellite communications. He is the president of the VSAT Services Association of India. He is also the Co-chairman of the Satellite Committee for Broadband India Forum and active member of Society for Satellite Professionals International.



Adarsh Jain, Head QSTD, SAC, ISRO

Sh. Adarsh Jain joined space applications centre, ISRO in 2007. He is currently heading quantum systems and technology division. He did his ME in telecommunications from IISc Bangalore. He had worked for various RF, microwave and optical communication technologies for GEOSAT missions. He is currently working towards the realization of several key technologies for ISRO's upcoming satellite based quantum communication (SBQC) program.

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