



SPACE SCIENCE & TECHNOLOGY-IDRP Indian Institute of Technology, Jodhpur

Invites you for talk session on,

EXPERIENCE SHARING SESSION ON COMPLEX ENGINEERING DESIGNS

On 2nd August, 2022, 3:00 pm to 4:00 pm

Dr. Tapan Misra

*Former Director, Space Application
Center(ISRO), Ahmedabad*



Tapan Misra is the former Director of Space Applications Centre and Physical Research Laboratory in ISRO. He later became Senior Advisor to the Chairman, ISRO. Presently he is holding the position of Founding Director and Chief Scientist of a startup named SISIR Radar Pvt Ltd, based in Kolkata.

He is widely known for design and development of C-band Synthetic Aperture Radar (SAR) of the RISAT-1. He steered the development of RISAT-2 series of high-resolution X-band SAR system. He conceptualized and led the development of highly miniaturized dual frequency (L and S band) SAR (DFSAR) for Chandrayaan 2 orbiter. He is also the principal architect of novel sweep SAR of NISAR (NASA ISRO SAR), likely to be launched in 2023.

He received numerous awards, notable among them Vikram Sarabhai Research Award in 2004 and ISRO Merit award in 2008 for his contribution for the development of SAR technology. He is a Fellow of Indian National Academy of Engineering, a Corresponding Member of the International Academy of Astronautics, Fellow of IETE and ISRS. He was awarded DSc (Hon.) in 2016 and the Distinguished Alumnus award in 2017 by his Alma Mater, Jadavpur University. He chaired CGMS 2018 (Coordination Group for Meteorological Satellites), represented India as Principal to CEOS (Committee on Earth Observation Satellites) in Paris in 2017, and participated as a team member of Indo-US Strategic Dialogue on Space Cooperation in Washington DC in 2016 and 2018. He also taught at IIT Kharagpur and IIT Jodhpur as Adjunct Professor. He holds seven granted patents. He has five copyrights and more than fifty five papers to his credit.

Meeting Venue: LHB 105



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