



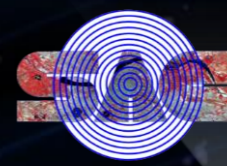
ISRS
Ahmedabad Chapter



ISG
Ahmedabad Chapter



IMSAS
Ahmedabad Chapter



National // Science Day 2022

Indian Society of Remote Sensing – Ahmedabad Chapter (ISRS-AC)
Indian Society of Geomatics – Ahmedabad Chapter (ISG-AC)
Indian Meteorological Society – Ahmedabad Chapter (IMSAS)
Space Applications Centre (SAC), ISRO, Ahmedabad
Development and Educational Communication Unit (DECU), ISRO, Ahmedabad
Gujarat Council on Science and Technology (GUJCOST), Gandhinagar

under the aegis of Azadi Ka Amrit Mahotsav
cordially invite you for **Lecture**

On Remote Sensing of Space Debris using Plasma Effects
by Dr. Abhijit Sen, Emeritus Professor and INSA Honorary Scientist at IPR, Gandhinagar

in Online Mode / Through: YouTube Channel: <https://www.youtube.com/watch?v=BNrWp6D7Dfc>
or SAC website <https://www.sac.gov.in>

February 28, 2022 (Monday) //
Time: 04.30 PM – 6.00 PM

Abhijit Sen is a theoretical physicist who did his undergraduate studies at St. Xavier's College, Ahmedabad and obtained his Ph.D. from the University of Tennessee, U.S.A. After his postdoctoral work at the Oak Ridge National Laboratory, U.S.A., he joined the then fledgling plasma group of the Physical Research Laboratory, Ahmedabad and subsequently helped establish the Institute for Plasma Research (IPR) at Gandhinagar. He served as Dean of IPR for several years and later held the S. Chandrasekhar Chair Professorship. Currently an Emeritus Professor and an INSA Honorary Scientist at IPR, he has held visiting scientist positions at various international centers including the Research Laboratory of Electronics at M.I.T., U.S.A. and the University of Aix-Marseille, France. His primary research interests are in basic plasma physics with applications to controlled magnetic fusion energy, nonlinear phenomena in laboratory and space plasmas, intense laser plasma interactions and also in dynamical studies of ensembles of coupled oscillators to model collective behavior in biological and neuronal systems. He has played a leading role in the founding and development of the national magnetic fusion program in India and has served as an expert member in many international scientific bodies including the International Tokamak Experimental Reactor (ITER) project. He is a Fellow of the Indian Academy of Sciences, the Indian National Science Academy, the National Academy of Sciences India and the American Physical Society. He has also served as President of the Gujarat Science Academy during 2008-2014 and as Chair of the Plasma Physics Commission (2003-2005) of the International Union of Physics and Applied Physics (IUPAP).

