



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

Invites you for talk session on,

SCRAMJET ENGINES FOR HYPERSONIC VEHICLES

On 5th July 2022, 11:00 am to 12:00 pm

Professor Lazar T. Chitilappilly

*Former Project Director Scramjet Research
(ISRO), Currently Visiting Faculty at IIT, Madras.*



Lazar T. Chitilappilly has devoted his career spanning more than three and a half decades to the advancement of high-speed aerodynamics and propulsion in this country. He joined ISRO in 1985 after obtaining B.Tech. from IIT Madras and M.E. from IISc Bangalore, and superannuated in October 2019. In February 2020, he joined as Professor of Practice in the Department of Aerospace Engineering, IIT Madras.

As Project Director for Air Breathing Propulsion, Chitilappilly led the "ISRO Scramjet Engine Flight Experiment" which accomplished the flight test very successfully at a hypersonic speed of Mach 6. The team was awarded the ISRO Team Excellence Award with him as the Team Leader.

Chitilappilly has made specific contributions in the areas of design, flow modeling, and testing of aerodynamics and propulsion systems with publications at national and international levels. Later as Group Director for Propulsion Research, he led a team on the development of Hybrid Rockets and was also engaged in various R&D activities on Solid as well as Liquid Rockets.

Chitilappilly is recipient of,

- IIT Madras Distinguished Alumnus Award.
- ISRO Performance Excellence (Individual) Award.
- IISc Bangalore Aerospace Platinum Jubilee Award for Distinguished Alumnus and he had delivered the 2018 Saraswat Endowment Lecture of The Combustion Institute.

Meeting Link: <https://meet.google.com/khj-wfdu-dai>

