

## Small Satellite Initiatives in India-BIG Benefits to Academia



### "Opening remark"

**Dr. L.V. Muralikrishna Reddy,**  
President, UNISEC India, Indian Technology Congress Association and  
75 Students' Satellites Consortium Mission



### "Think big, stay SMALL", A vision for Space Internet of Things (Space IoT)

**Prof. R. Venkatesha Prasad,**  
Associate Professor, IEEE Distinguished Lecturer,  
TU Delft, The Netherlands and he was the Deputy  
Project Director for Lunar Zebro- a Moon Rover  
Project



### "Small Satellite Initiatives in India and Opportunities for Academia"

**Padma Shri Prof. R. M. Vasagam,**  
Eminent Scientist, ISRO. Project Director, India's First Geo-Stationary  
Communication Satellite "APPLE". Former Vice Chancellor, Anna University,  
Dr.MGR University, India



### "Spacecraft RF Characterization"

**Prof. Puneet Kumar Mishra,**  
Board of Governors, IEEE Aerospace & Electronics Systems Society,  
Region 10 (Asia and Pacific) India, Eminent Scientist, ISRO-Done RF  
Characterization of 47 Satellites, 325 Antennas, and Radomes



### "Insight into Risc V and AI & ML for Space Applications"

**Dr. Antony Louis Piriya Kumar,**  
Dean-R&D, Cambridge Institute of Technology (CIT), Bangalore, India



**Dr. Cyril Prasanna Raj P,**  
Director, Cambrian Consultancy Center and Industrial Research, CIT



### "NanoSat Learning Experiences and Risc V in Space Applications"

**Er. Nikhil Riyaz,**  
Research Scientist, CIT/TU Delft,  
Netherlands,  
Former Student Representative



### "Orbital Simulations for Nano Satellites Using MATLAB"

**Ms. Inbisat Yousuf Nath,**  
Central University of Kashmir,  
Student Representative



### Moderator

**Mr. Kiran S Hegde**  
Student Representative

**Host: UNISEC-India**

**Time: 22:00-24:00(JST)**

**February 17, 2024**

<https://www.unisec-global.org/virtual-meeting.html>

**Register now !**

