



Dr. S. Somanath

Former Chairman, Indian Space Research Organisation (ISRO)

Profile Summary

Dr. S. Somanath is one of India's most respected aerospace engineers and served as the 10th Chairman of ISRO (2022–2025). Known for his work in launch vehicle design, propulsion, structural dynamics, and leadership of major national space missions, he played a central role in shaping India's modern space capabilities.

PLC 4.0 Session by Dr. S. Somanath on

Emerging Business Opportunities for an Atmanirbhar Bharat

Key Achievements

- **Led ISRO during the successful Chandrayaan-3 Moon South-Pole Landing.**
- Oversaw missions such as **Aditya-L1, XPoSat, INSAT-3DS, and commercial LVM3/PSLV launches.**
- Guided development of **GSLV Mk-III, CE-20 cryogenic engine, and Reusable Launch Vehicle (RLV) tests.**
- Promoted India's transition to a public-private space ecosystem, enabling start-ups and industry participation.

Technical Expertise

- Specialist in **Launch Vehicle Systems, Cryogenic Propulsion, Structure & Dynamics, Guidance & Control, and Systems Engineering.**



- Strong advocate for **indigenous software and mission simulation systems within ISRO.**

Work With DISHA Foundation / PLC (Custom Section)

- Collaborated with **DISHA Foundation / PLC in knowledge-sharing, youth engagement, and inspiring students** about space science and technology.
- Contributed to **foundation-led programs on innovation, scientific thinking, and national development** through space technology.
- Supported initiatives **promoting STEM education, leadership, and social development.**

Legacy

Dr. S. Somanath is **celebrated as a visionary** who strengthened India's position as a global space leader, inspired young minds, and reinforced the nation's commitment to scientific excellence.