



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES



Expert Talk on

Design and Development of Lighter-Than-Air Systems: Making Balloons Fly and Float

Speaker:

Prof. Rajkumar S. Pant

Lighter-Than-Air Systems Laboratory
Department of Aerospace Engineering
Indian Institute of Technology Bombay
Powai, Mumbai - 400076



SESSION HIGHLIGHTS:

- Principles, classification, and mission applications of Lighter-Than-Air (LTA) systems.
- Conceptual design, sizing, fabrication, and flight testing of aerostats and airships.
- Two decades of indigenous LTA research, prototyping, and field validation at IIT Bombay.
- Student-led innovation, published research outcomes, and international collaborations in LTA systems.

Open to students, faculty members, and interested scholars from all disciplines.

E-certificates will be provided to participants from other institutions (WhatsApp your details for the registration: +91 7795080570).



14 January 2026



10:00 AM – 11:30 AM



A206, Ramaiah Technology Campus, Peenya, Bangalore

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