



**Dr. R. V. Lakshmi**

**Principal Scientist**

**Surface Engineering Division**

**CSIR – National Aerospace Laboratories, Bengaluru**

■ **Area of Expertise:**

- ✓ Sol-gel coatings
- ✓ Thermal insulation materials and coatings
- ✓ Microwave absorbing materials
- ✓ Hydrophobic and Superhydrophobic coatings
- ✓ Synthesis of nanomaterials

■ **Academic Qualification:**

- ✓ Ph.D. from Indian Institute of Science, Bengaluru

■ **Publications:**

- ✓ Book Chapters – 01
- ✓ Research Papers – 33
- ✓ Patents Granted – 2 world patents, 2 Indian patents.
- ✓ Conference Presentations – 25
- ✓ Institutional Project Documents – 38

■ **Awards and Recognitions:**

- The prestigious CSIR- Young Scientist Award in Chemical sciences was received for the year 2016, for the significant contributions made in the area of sol-gel coatings.
- Nominated as a member of the Senate of AcSIR, for a two-year term (2017-2019). The Senate of the Academy is responsible for the maintenance of standards of instruction, education and examinations in the Academy.
- Best thesis award in 2019 from International Council of the Aeronautical Sciences and International Forum for Aviation Research (ICAS-IFAR) for significant contribution to Aeronautical Science within the doctoral thesis
- Best Paper Awards: 04

■ **Subject area willing to guide the student:** Chemistry/ Materials Science/ Nanomaterials.