

## Biodata

- Name: **Dr. R. V. Lakshmi**
- Date of Birth: **06/11/1983**
- Academic qualifications: **Ph.D.**
- Areas of expertise: **Sol-gel coatings, thermal insulations coatings, microwave absorbing materials, hydrophobic and superhydrophobic coatings**
- Experience

Sr. No.	Position held (Designation)	Place ofwork	Duration	Areas of work
1	Junior Scientist	CSIR-NAL	2008-2011	R&D on the development of coatings and materials for various functional applications.
2	Scientist	CSIR-NAL	2011-2015	
3	Senior Scientist	CSIR-NAL	2015-2019	
4	Principal Scientist	CSIR-NAL	2019 onwards	

- Awards and Recognitions

1. 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.
2. **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.
3. **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

1. The technical paper entitled "Effect of Ceria Particle Size on the Corrosion Inhibition Properties of Silica-Alumina Sol-Gel Coating System" presented at CORCON 2016, New Delhi, India during 18-21 September 2016, was adjudged as the Best Paper in the Symposium "Corrosion in Defence Equipment & Facilities".
2. Best Poster presentation award for paper titled "Preparation and Characterization of Superhydrophobic coatings", R V Lakshmi, Bharathibai J Basu, Poster presented at International Conference on Current Trends in Chemistry and Biochemistry, ICCTCB-2009 at Chemistry department, Central College Campus, Bangalore University on December 18-19, 2009
3. Best paper presentation award for the paper titled "A simple, economical and environmentally safe wet chemical method for the fabrication of excellent

superhydrophobic cotton fabrics”. R.V. Lakshmi, Edna Richard, S.T. Aruna, Ansh - 2013, at National Aerospace Laboratories, Bangalore – 560017.

- Publications (Nos.)

1. Book Chapters – 01
2. Research papers – 30
3. Patents granted – 2 world patents, 2 Indian patents.
4. Conference presentations – 25
5. Institutional project documents – 38