

Name

Mr. L. Venkatesh

Designation

Scientist `B`

Qualification

Bachelor's Degree in Metallurgical Engineering, PhD in Metallurgical Engineering and Materials Science (pursuing)

**Experience**

September 2002 – March 2003	Application Engineer, HEF India Private Ltd., Chennai
March 2003 – February 2004	Quality control Engineer, Lakshmi Card Clothing limited, Coimbatore
February 2004 – August 2012	Technical Assistant, ARC International, Hyderabad
August 2012 – Till date	Scientist `B`, ARC International, Hyderabad

Research areas of interest

Electron Microscopy, Microstructure analysis of Laser clad and Thermally sprayed coatings and X-ray Diffraction of Materials

List of journal publications

1. The Influence of Powder Particle Velocity and Microstructure on the Properties of Cold Sprayed Copper Coatings, J. Thermal Spray Technol., 2011, 20(5), p 1009-1021
2. Process Parameter Impact on Microstructure of Laser Clad Inconel-Chromium Carbide Layers, Mat. Sci. Forum., 2012, 702-703, p 963-966

Conference proceedings

1. Microstructure and phase analysis of rapidly solidified laser clad Inconel-chromium carbide layers by electron back scattered diffraction, Microstructure-Diffraction, 2013, IIT Bombay, Mumbai
2. Investigation of rapidly solidified microstructure of laser clad Inconel-Chromium carbide layers, International Conference on Electron Microscopy, 2013, Saha Institute of Nuclear Physics, Kolkata

Affiliation to professional societies

1. Life member of Electron Microscopy Society of India
2. Life member of Materials Research Society of India
3. Associate member of Indian Institute of Metals

Awards and Honors

1. 1st prize in the Scanning Electron Micrograph contest in the International Conference on Electron Microscopy, 2013, Saha Institute of Nuclear Physics, Kolkata
2. Gold Medalist in Diploma in Metallurgy

Contact Information

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