Name: Dr. Bharath V

Designation: Associate Professor

Experience: (Teaching and Research):

Associate Professor
- RNSIT, Bengaluru (01st Feb 2025 to Till Date)

Assistant Professor
- RNSIT, Bengaluru (06th Oct 2022 to 31st Jan 2025)

Assistant Professor
- Sri Venkateshwara College of Engineering, Bengaluru- (30th Sept 2021 to 10th July 2022)

Assistant Professor
- Brindavan College of Engineering, Bengaluru (03rd Sept 2012 to 25th July 2019)

Research Assistant
- Siddaganga Institute of Technology, Tumakuru- (03rd August 2019 to 27th August 2021)

Qualifications:

- **B.E.** - Kalpataru Institute of Technology, Tiptur
- **M.Tech**- Siddaganga Institute of Technology, Tumakuru
- **Ph. D**- Siddaganga Institute of Technology, Tumakuru, VTU, Belagavi, Karnataka

Specializations (Academic):

- **B.E**- Mechanical Engineering
- **M.Tech**- Manufacturing Science & Engineering

Specializations (Research):

Metal Matrix Composites (MMC's)

- Al6061/Al2014-Al_2O_3 Composites
- Low temperature processing of 6061Al-B_4C particulate composites.

Tribology

- Dry sliding wear behavior of Al-Si /Al-Cu alloys (room temperature and high temperature)
- Dry sliding wear characteristics of Al6061/Al2014-Al2O3, and 6061Al-B4C particulate composites

Diffusion Bonding

- Optimization of process parameters for solid state joining of Ti-6Al-4V and AA2219 alloys

Publications:

Peer reviewed Scopus Index Journals- **41**
International Conferences-**13**
National Conferences- **03**

https://scholar.google.co.in/citations?user=iRJisQcAAAAJ&hl=en
https://orcid.org/0000-0001-6765-4728
https://www.scopus.com/authid/detail.uri?authorId=57204577768

Awards Received:

- Recipient of **Subject Prize** for the research paper entitled **Characterization and Mechanical Properties of 2014 Aluminum Alloy Reinforced with Al2O3p Composite Produced by Two-Stage Stir Casting Route (published in the Series C Journal of IEI, Vol. 100, Issue 2)** by **Institute of Engineers** held at Vigyan Bhawan, Maulana Azad Road, New Delhi 110003 on December 26, 2021.

- **BEST PAPER AWARD - "Microstructural Evolution in Non-Vacuum Solid State Diffusion Bonded Joints of AA2219" in the 4th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2022),** organised by the Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India during **March 24-26, 2022.**

- **BEST PAPER AWARD** for **"Impact of Alumina Particulates Addition on Hardness and Wear Behaviour of 2014Al Metal Matrix Composites by Vortex Method"** International Conference on Futuristic Trends in Mechanical Engineering PRESIDENCY UNIVERSITY, **Bengaluru, India**, 2020 in association with UCSI UNIVERSITY, Kuala Lumpur, Malaysia. 11th and 12th September 2020

- **BEST PAPER AWARD** for **"Experimental investigations on wear behaviour of 2014Al- Al_2O_3 Composites"** International Conference on Smart & Sustainable Developments in Materials, Manufacturing & Energy Engineering" (SME-2019), **N.M.A.M. Institute of Technology, karkala, Udupi** (District), Karnataka, India. 23rd -24th May-2019.