



BHARATH RAJ L

Assistant Professor

CONTACT



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Mysuru, Karnataka

Professional Experiences:

Teaching: 7 Years

Research: Ongoing

Courses Taught:

- Operation Management
- Mechanical Engineering Sciences
- Metallurgy & Advanced Materials
- Additive Manufacturing
- Computer Integrated Manufacturing
- Computer Aided Engineering Drawing
- Manufacturing Technology II
- Organizational Behaviour

ABOUT ME

Having 7 years of teaching experience at NIE. Having interest on the research of the manufacturing and production streams. Also exposed to the institute borne duties like NBA, NAAC, coordinators for few programmes like induction programme, workshops, conferences, technical talk, seminars etc. Associate Member at Institute of Engineers (Lifetime Membership). Secured first rank in M.Tech.

RESEARCH INTERESTS:

Research in Manufacturing Materials & Production is a multidisciplinary endeavor that seeks to revolutionize the way goods are manufactured. By exploring advanced materials, sustainable practices, process automation, and integrating cutting-edge technologies, researchers aim to drive innovation, efficiency, and sustainability in the production industry.

EDUCATION

- **Ph.D - Manufacturing & Production**
Research Centre/University Name : The National Institute of Engineering , Mysuru
Year of Graduation : **Ongoing**
- **M.E/M.Tech. - Manufacturing science and engineering**
Institute/University Name : SIT Tumkur,
Year of Graduation : **2014-15**
- **B.E., - Specialization**
Institute/University Name: Mechanical engineering
Year of Graduation : **2011**

PUBLICATIONS

1. Vijaykumar H, **Bharat Raj L**, V Auradi , S T Dundur, “Studies on mechanical and machinability properties of B4Cp reinforced 6061 aluminium MMC produced via melt stirring”, Applied Mechanics and Materials, Scientific.net, volume 592-594, July 2014
2. Vijaykumar H, **Bharat Raj L**, V Auradi, “Experimental investigation of cutting forces, surface roughness in the turning of B4Cp reinforced 6061 Aluminium metal matrix composites”, International Journal of Applied Engineering Research, ISSN 0973-4562, vol.10, No.24, 2015.
3. M C Yogesh Gowda, H M Sathisha, **L Bharath Raj** , and T S Prasanna, “ Experimental study of cooling characteristics to analyse quenching phenomenon of non-heat treatable material with different quenchants” IOP Conf. Series: Materials Science and Engineering. doi:10.1088/1757-899X/1189/1/012

FDP/STTP/ WORKSHOPS/CONFERENCES/SEMINARS ATTENDED:

- **Participated** in one week Faculty Development Programme on Research Avenues in Advanced Manufacturing and Mechanical Engineering held from 13 To 17 May 2019 sponsored by TEQIP
- **Participated** in one week Faculty Development Programme on Energy Management ISO 50001 & Environmental Assurance held from March 13 to 18, 2017 sponsored by TEQIP-III.
- **Participated** in the International Symposium on Advanced Materials for Engineering Applications (ISAMEA-2017) held at National Institute of Engineering, Mysuru.
- **Participated** in the One Week Faculty Development Program on Theoretical, Computational and Applied Mechanics organized by Department of Mechanical Engineering, BMS College of Engineering, June 2014, Under TEQIP-II Initiative.
- A Training Programme on “Newer Technologies in Diesel, Gasoline and Vehicle Safety Systems” at BOSCH Ltd.
- Participated in Technical Education Quality Improvement Programme sponsored one day workshop on proposal writing to funding agencies. On October 6, 2016.
- Participated in the Training Programme on “Technology Enabled Teaching Learning Process” from 3rd to 8th January 2017.