






BHEEMRAJ

ASSISTANT PROFESSOR

CONTACT

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-  Mysuru, Karnataka

Professional Experiences:

Teaching:08

Courses Taught:

1. Technology in Hybrid and Fuel Cell Vehicles
2. I C Engine
3. Power Plant Engineering
4. Automobile Engineering
5. Quality Management
6. Computer Engineering Aided Drawing
7. Machine Drawing
8. Mechanical Engineering Science

ABOUT ME

I have been working as an Assistant Professor at the Department of Mechanical Engineering since 2016. I have taught thermal and management courses for under graduation students. My primary objective is to share my knowledge in the simplest way with the learners, especially mechanical engineering students, so that students will acquire the ability to design the systems which fulfill the need of our environment and society.

RESEARCH INTERESTS:

My research interests are in the fields of Thermal engineering and Composites Material.

EDUCATION

- M.E/M.Tech. – Thermal Power Engineering Institute/University Name – VTU,Belgavi.
- B.E. – Mechanical Engineering Institute/University Name,-GUG,Gulbarga.

PUBLICATIONS

1. Bheemraj, Preethi K. Dharanish J, Rajeshwari, Mahesh G Emmi . (2022) **“Porosity Analysis of Friction Stir Welded Al 6061 Aluminium Alloys”**. International Journal of General Engineering and Technology (IJGET) ISSN (P): 2278-9928; ISSN (E): 2278-9936 Vol. 11, Issue 1, Jan-Jun 2022; 1-8 © IASET

2. Bheemraj, K. Madhavi Magi, B. V. Hubballi, Kiran Lakkam, Dharanish J, E G Mahesh A. **“A Review on Effect of Saline water on Adhesive joints of Composites”** (2022). International Journal of Scientific & Engineering Research Volume 13 Issue 11, November-2022 388 ISSN 2229 - 5518.

3. Bheemraj Pragnya Pradeep Doddamani, Aravind Rao M Yadwad, Dharanish J, Rajeshwari P, Seetharamu S. (2022) **“Amalgamation and depiction of copper-cenosphere metal network composites by traditional and microwave sintering”**. Lecture Notes in Mechanical Engineering. Springer, Singapore. [://doi.org/10.1007/978-981-16-9613-8_5](https://doi.org/10.1007/978-981-16-9613-8_5)

4. Bheemraj, Dr. B. Hulugappa, Dr. K. K. Yogesha, J. Dharanesh. **“Fracture Toughness and Impact strength behaviour of Glass -Fiber Reinforced by Nano Particle Polymer composite”** (2021). Journal of Huazhong University of Science and Technology ISSN-1671-4512.

FDP/STTP/ WORKSHOPS/CONFERENCES/SEMINARS ATTENDED:

- Two day FDP on pc based automation conducted by NIE, Mysuru during March 11-12, 2017.
- Three-day FDP on Miro and Nano Scale Heat Transfer for the Application of Electronic Cooling conducted by NIE, Mysuru during Feb 27- March 1, 2017.
- Two Week FDP on “Advances in Finite Element Methods and Application” conducted by BMS College of Engineering, Bangalore during July 17 – 28, 2017.
- Two Week STTP on “World-Class New Product Design and Manufacturing” conducted by Oxford College of Engineering, Bangalore during Jan 01 – 13, 2018.
- One Week FDP on “Research avenues in advanced manufacturing and mechanical engineering” during May 13 – 19,2019 at NIE, Mysuru.
- One Week FDP on “Basics of Computational Fluid Dynamics: Applications and Analysis” Concepts. Conducted by NIE, Mysuru during August 31- September 04, 2020.
- One Week FDP on “Blockchain” conducted by AICTE Training And Learning (ATAL) Academy (ONLINE) from Dec 15-19,2020 at NIE, Mysuru.
- One week STTP on “Hybrid and Electric Vehicles” conducted by PDACE, Gulbarga (ONLINE) during 7th to 12th, December, 2020.
- One Week FDP on “Fabrication and Characterization of Thin Films for Future Technological Applications” conducted by AICTE Training And Learning (ATAL) Academy (ONLINE) from 16/08/2021 to 20/08/2021 at NIE, Mysuru.
- Three weeks industrial training on Industrial Robotics at Govt Tool Room & Training Centre, Bangalore duration July 04 – 23, 2022.