Faculty Profile

Name : Bheemraj
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About me: I have extensive experience teaching a variety of subjects in the field of engineering. Over the years, they have instructed courses ranging from fundamental engineering principles to advanced topics, ensuring students gain a comprehensive understanding of the discipline. My teaching portfolio includes subjects such as Internal Combustion Engine, Technology in Hybrid and Fuel Cell Vehicles, Automotive Engineering & Elements of Mechanical Engineering. Alongside teaching responsibilities, I have actively engaged in research focused on thermal engineering and composite materials. My research work aims to develop innovative solutions to improve material performance and thermal management in engineering applications. By combining theoretical knowledge with practical insights, I contribute significantly to both academic growth. My dedication to education and research fosters a stimulating learning environment, encouraging students to explore and innovate. This blend of teaching and research expertise makes them a valuable asset to the engineering department and the broader academic community.

Qualification: B.E, M Tech (VTU, Belagavi).

Courses Taught: Internal Combustion Engines, Technology in Hybrid & Fuel Cell Vehicles, Automotive Engineering, Biology for Mechanical Engineers, Quality Management & Elements of Mechanical Engineering.

Journal Publication:

1. Kumar, S., Varadarajan, Y. S., Shamprasad, M. S., Niluvase, N. P., & Madaiah, D. C. Bheemraj. (2024). Characterization of Fracture Toughness Properties of Coir Fibre Reinforced Polypropylene Composites. *Journal of Mines, Metals & Fuels*, *72*(5).
2. Kumar, S., Varadarajan, Y. S., Shamprasad, M. S., & Niluvase, N. P. Bheemraj. (2024). Characterization of Mechanical Properties of Coconut Coir Fibre Reinforced PLA Composites. *Journal of Mines, Metals & Fuels*, *72*(5).

Conference Proceedings:

1. Pradeep, P., Aravind Rao, M. Y., Dharanish, J., Bheemraj, R., Rajeshwari, P., & Seetharamu, S. (2022, March). Particle size distribution analysis and characterization of cenospheres. In *Advances in Mechanical Engineering and Technology: Proceedings of 6th International Conference on Advanced Production and Industrial Engineering (ICAPIE)-2021* (pp. 619-633). Singapore: Springer Singapore.
2. Narasimha, K. N., Yadwad, A. M., Lakshminarasimaiah, N., & KH, P. (2023). Blending Recycled Course Aggregates from Construction and Demolition Waste in Construction of Roads: A Plausible Solution for Effective CDW Management In India. In E3S Web of Conferences (Vol. 455, p. 03025). EDP Sciences.

Other achievements: NIL

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