

Kedar Badheka

- **Designation:** Assistant Professor
- **Experience:** 5.5 Year Teaching
- **Educational Qualification:** M.E Mechanical Engineering (CAD/CAM), Ph.D. Pursuing
- **Specialization:** Manufacturing, Surface Engineering, CAD/CAM
- **Mail Id:** kedar.badheka@gperi.ac.in

❖ Research

- 1.Kedar Badheka, Vishvesh J Badheka. (2017). *Friction Surfacing of Aluminium on Steel: An Experimental Approach*. Material today Proceeding. 4(9), 9937-9941. (Elsevier).
2. VV Patel, VJ Badheka, U Patel, S Patel, S Patel, S Zala, K Badheka. (2017). *Experimental Investigation on hybrid friction stir processing using compressed air in aluminum 7075 alloy*. Material today Proceeding. 4(9), 10025-10029. (Elsevier).
- 3.Kedar Badheka, Vishvesh J Badheka. (2019). *Wear Behaviour of Boron Carbide Added Friction Surfaced Cladded Layer*. Innovation in infrastructure. AISC, Vol.757, pp. 395-406. (Springer).
3. Kedar Badheka, Vishvesh J Badheka. (2021). *An Effect of Process Parameter on Physical Appearance of Deposited Friction Surfaced Layer: A Feasibility Approach*, Recent Advances in Mechanical Infrastructure, pp. 105-122. (Springer book chapter)

TRAINING PROGRAMMES/WORKSHOPS/SCHOOLS ATTENDED

1. Attending 3 days workshop on Friction stir Welding and Processing at IIT Gandhinagar in Year 2014.
2. Attending a workshop on Advances in Welding Technology at Maharaja Sayajirao Gaikwad University, Vadodara, Organized by Welding Engineering department in 2016.
3. Attending 2 days workshop on Challenges in Surface Engineering organized by Institute of Plasma Research, Gandhinagar in 2016.
4. Attending a workshop on “Wire arc Additive Manufacturing: Development, Challenges & Opportunities” Organized by Indian Institute of Welding in 2021-2022
5. Attending workshop on Quality Improvement Practices by Americal Society for quality (ASQ).
6. Attending workshop on 5 ‘S’ and Kaizen Quality improvement Tool by American Society for Quality.

Achievements

- Shortlisted by Indian National Science Academy (INSA) For Best thesis in Master of Engineering (Mechanical Discipline) secure 2nd rank.
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