

Dr. Kavita Kripalani

- **Designation :** Deputy Director
- **Experience :** 14 years Teaching and 1 years industrial
- **Educational Qualification:** Ph. D in Mechanical Engineering, ME CAD CAM, Post Graduate Diploma in HRD.
- **Specialization :** Production & Smart Materials
- **Mail Id :** kavita.kripalani@gperi.ac.in & deputy_dir9@gtu.edu.in

Research

1. Experimental investigations of various joinery methods on repaired AISI 304 A plate with Nitinol wire

Article August 2020 Materials Today: Proceedings, Elsevier

Kripalani, K., & Jain, P. (2021). Experimental investigations of various joinery methods on repaired AISI 304 A plate with Nitinol wire. Materials Today: Proceedings, 37, 2093-2103.

2. Comprehensive study of laser cladding by nitinol wire

June 2020 Materials Today: Proceedings, Elsevier

Kripalani, K., & Jain, P. (2021). Comprehensive study of laser cladding by nitinol wire. Materials Today: Proceedings, 37, 656-664.

3. PARETO OPTIMIZATION USING LEAN MANUFACTURING SYSTEM IN TECHNICAL INSTITUTE

IARJSET ISSN (Online) 2393-8021 ISSN (Print) 2394-1588

International Advanced Research Journal in Science, Engineering and Technology 2nd International Conference on Advances in Mechanical Engineering (ICAME-2016)

Amrutvahini College of Engineering, Sangamner Vol. 3, Special Issue 1, March 2016

Kavita K Kripalani Mechanical Department, Balaji Engineering College, Junagadh, Gujarat, India

4. Analysis and Optimization of Remanufacturing in India through Approaches, Potentials & Technical challenges”

Dr Mohammad Israr¹, Dr Anshul Gangele², Kavita Kripalani³

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Institute of Technology & Management, Gwalior (M.P.) 474001

International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN:2250-2459, ISO 9001:2008-Certified Journal, Volume 3, Issue 9,

Emergence of Additive

5, Emergence of Additive Technology in Defect Detection in Casting Module, presented paper in 6th National Conference on Recent advances in Manufacturing (RAM 2016) 13th May 2016 SVNIT Surat.

6, REPAIR WORK DONE BY ADDITIVE MANUFACTURING WELDING OF OPTIMISED PARAMETERS BY NITINOL WIRE ON AISI 304 A PLATE.

Kavita Kripalani Piyush Jain

Juni Khyat ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-11 Issue-07 No.01 July 2021

7, EXPERIMENTAL ANALYSIS OF NITINOL WIRE JOINERY ON AISI 304 BY SELECTED TECHNOLOGIES AND COMPARATIVE ANALYSIS OF ITS OPTIMIZED PARAMETERS.

Journal of the Maharaja Sayajirao University of Baroda ISSN : 0025-0422

Kavita Kripalani Dy. Director Gujarat Innovation Council Gujarat Technological University, Gujarat:: deputy_dir9@gtu.edu.in

Dr. Piyush.S. Jain Principal Sitarambhai Naranji Patel Institute of Technology and Research Centre, Bardoli Gujarat:: drpiyushsjain@gmail.com

Professional Contribution

1. Delivered “Expert Lecture” on the GUJCOST Six day Sponsored Project in SNPT & RC Umrahk Bardoli on “Advanced Composite Material Simulation”
2. Delivered “Expert Lecture” on the Agile Rapid Prototyping with Keep Sake Welding Technology in L.D Engineering College.
3. Delivered “Expert Lecture” on the Startup & Innovation in Parul Engineering College, Vadodara
- 4, Product Design Mentor in Hardware Edition Smart India Hackathon in NIT Trichy for Smart Vehicle in 2019
- 5, Delivered Lecture on Entrepreneurship lecture series for FDP organized by MSME Rajkot Centre.

Achievements

- Awarded for Product Design Mentor in SIH NIT Trichy by MHRD
- ATAL FDP Coordinator for Design Domain & Innovation Domain
- Awarded by MHRD for Primary Evaluator in Toycathon