



Mishikari Nizamuddin

Research Scholar



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Skill

Material Charecterization

Solidwarks, Catia V5

MS Office

Interests

Material Characterization, Multi-material Additive Manufacturing, Powder Metallurgy

Education

2023-till now	Ph.D. Machine Design Indian Institute of Technology Roorkee	India
2019-2022	M.Tech. CAD/CAM University College of Engineering Kakinada	India
2015-2019	B.Tech. Mechanical Engineering Dr K. V. SUBba Reddy Institute of Technology	India

Publications

2022	Kalyanamanoahar Veeramallu, Sunil Sunkari, Nizamuddin Mishikari, Experimental investigation on microstructure and mechanical properties of functionally graded AA7075 using friction stir processing, Materials Today: Proceedings, Volume 56, Part 3, Pages 1551-1557, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2022.01.287
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Awards and Fellowships

2019	MHRD fellowship for M.Tech
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Experience

July2023-Present	Junior Research Fellow Indian Institute of Technology Roorkee, India
June2023-July2023	Junior Research Fellow Indian Institute of Technology Bhubaneswar, India
Feb2022-Dec2022	Junior Research Fellow National Institute of Technology Rourkela, India

Professional Skills

- Mechanical Testing
Tensile test, Compression test, Hardness test, Impact test, Fatigue test
- Material Characterization
Optical Microscopy(OM), Scanning Electron Microscopy(SEM), Electron Back Scattered Diffraction (EBSD).