

Faculty Profile

Name: Mr. Dilip Mishra

Designation: Assistant Professor, Faculty of Science and Technology, ICFAI University, Raipur

Teaching Areas: Thermodynamics, Structure & Properties of Material, I.C. Engine, Fluid Mechanics

Research Interests: Solar Energy Application, Composite Materials, Indoor Air Quality



Education:

- PhD (Pursuing)
- M.Tech in Thermal Engineering, CSVTU, Bilai, 2014.
- B.Tech in Mechanical Engineering, CSVTU, Bilai, 2010.

Patents: 09 and Books: 06

Research / Selected Publications :(ESCI: 01, Scopus: 04, Google h-index: 4)

- **D. Mishra. et. al.**, titled “Potential Impact of indoor air pollutants on human health due to Poor Indoor Air Quality in Indian Context and its standards” Accepted in “International Journal of Design & Nature and Ecodynamics” 19 March, 2024, (Scopus indexed)
- **D. Mishra. et. al.**, titled “Composite materials for applications requiring low temperatures” in Materials Today: Proceedings, 10 October, 2023, DOI: <https://doi.org/10.1016/j.matpr.2023.09.221> (Scopus indexed)
- **D. Mishra. et. al.**, titled “A Comprehensive Study on Climate Change Impact on Forest and Adaptive Measures” in “Annals of Forest Research”, 65(1), pp. 2936–2951 December, 2022, (Scopus indexed)
- **D. Mishra. et. al.**, titled “Mechanical Properties of Ramie Polymer Composites: Review” in “Advances and Applications in Mathematical Sciences” Volume 21, Issue 9, July 2022, Pages 5341-5347, (ESCI, WoS)
- **D. Mishra. et. al.**, titled “Heated Air Ventilation with Transpired Solar Wall System during Winter Months: A Study of Sarguja District” in “International Journal of Engineering Research & Technology” Vol 3, Issue 2, 2018 (Scopus indexed)
- **D. Mishra. et. al.**, titled “A comprehensive study of an Al-5052 alloy” in “Advance Physics Letter” Vol 3, Issue 1, pp. 20-22, 2016, (Peer Reviewed)

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