

**Faculty Name : Raju Kumar Thakur**

Designation : Assistant Professor

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## **BIO**

**Prof. Raju Kumar Thakur** currently serves as Assistant Professor in the Department of Mechanical Engineering, SITRC, Nashik, India.

Raju Kumar Thakur, a Ph.D. Scholar in the Mechanical Engineering Department at Indian Institute of Technology (ISM), Dhanbad, Jharkhand, has submitted his thesis and is waiting to defend the same. His research focussed on “An Experimental Analysis on Conventional And Abrasive Water Jet Drilling Behaviour of Graphene Based Fiber Reinforced Polymer Composites”. He received his Master’s in Mechanical Engineering with specialization in Computer Integrated Manufacturing from National Institute of Technology Warangal and carried out his master’s thesis on the topic, “A Comparative Optimization on Process Parameters of Wire Electrical Discharge Machining of Inconel-690”. Before joining his Master’s, he was GATE qualified with 96.7 percentile. He received his Bachelor’s in Mechanical Engineering from Government Engineering College Darbhanga, Bihar.

His published work deals with the areas of machining of fiber reinforced polymer composite laminates. Till date, he has published 11 papers (10 as first author and 1 as corresponding author) indexed in SCIE/Web of Science Journals, with good impact factors. Additionally, he has published 12 Scopus-indexed Conference papers (8 as first author and 4 as corresponding author). He has achieved ‘*The Inder Mohan Thapar Foundation (IMTF) Research Award for the Year 2021*’ in recognition of excellence in research publication on the impact factor of the SCI Indexed Journals during the calendar year 2021 by Indian Institute of Technology (ISM) Dhanbad. He has also received ‘*Best Paper Award*’ at International Conference on Mechanical and Energy Technologies (ICMET – 2019) held at Galgotias College of Engineering & Technology, Greater Noida, India.

### **Qualification:**

1. B.Tech (Mechanical Engineering)
2. M.Tech (Mechanical Engineering – Computer Integrated Manufacturing)
3. Ph.D (Mechanical Engineering – Thesis Submitted)

### **Research Interest:**

1. Fiber reinforced polymer composite
2. Polymer nanocomposite
3. Conventional and nonconventional machining

### **Paper Publications details:**

1. International Journal: **11**
2. International Conference: **12**
3. Book Chapter: **1**

### **Subjects:**

1. Engineering drawing
2. Manufacturing Science and Engineering