

CV of RAVI SHANKAR RAI

Research Scholar
Mechanical Engineering Dept.
IIT (ISM) Dhanbad
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Current Position

Research scholar at Indian Institute of Technology (ISM) Dhanbad under the guidance of Dr. Vivek Bajpai (Date of joining: 27/12/2017)

Education

Master of Technology in Mechanical Engineering (Spl. in Computer Integrated Manufacturing)
Madan Mohan Malaviya University of Technology, Gorakhpur, U.P *May 2017*

- Supervisor: Dr. S.C. Jayswal
- Thesis title: Layout optimization of Flexible Manufacturing System using Particle Swarm Optimization
- Result: Gold Medallist (9.43 CGPA)

Bachelor of Technology in Mechanical Engineering
Gautam Budha Technical University, Uttar Pradesh *June 2012*

Result: First class with distinction (80.38%)

Major Project: Design and fabrication of Garib Heater Cum Gyser and its production aspects.

RESEARCH INTEREST

- Carbon fibre reinforced composites
- Synthesis of ZnO/CuO nanostructures
- Carbon fibre Nano composites
- High speed Machining and Micromachining
- Hybrid machining
- Cryogenic assisted machining

TEACHING/RESEARCH EXPERIENCE

- **3.5 Years** of Teaching

PAPER /PUBLICATIONS

NIL