



**Name: MANISH KUMAR SINGH**

**Designation: ASSISTANT PROFESSOR**

**Department: MECHANICAL ENGINEERING**

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**Email: manish.singh@gmail.com**

**Qualifications: M.Tech.**

**Experience: 10 years**

**Area of Interest: Manufacturing Science**

**Publication:**

**Book/Book Chapter:**

**Patent:**

**Sponsored Projects:**

**Consultancy:**

# CV

## **MANISH KUMAR SINGH**

(Assistant Professor)

Mechanical Engineering Department

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## **Carrier Objective:**

- Teaching professional with more than 10 years' experience looking for a position with the intent of utilizing my educational qualifications, research skills, and passion for teaching effectively.

## **Teaching Experience:**

- Working as an Assistant Professor at **ASHOKA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, VARANASI** from July, 2013.
- Worked as Assistant Professor at **SITYOG INSTITUTE OF TECHNOLOGY, AURANGABAD** from June, 2012 to January, 2013.

## **Educational Qualifications:**

- **B. Tech. (Mechanical Engineering)** from **Maharana Pratap Engineering College, Kanpur (UP)** in the year of 2008 with **66.22%**.
- **M. Tech. (Computer Integrated Manufacturing, C.I.M.)** from **Madan Mohan Malviya Engineering College, Gorakhpur** in the year of 2011 with **70.20%**.

## **Publications:**

- Jhawar, P., Patel, V.K., **Singh, M.**, (2017) "Factorial design and simulation of solidification of pure copper." International Journal of Advance Research in Science and Engineering, 2017, vol-06, special issue(01), ISSN: 2319-8354, pg. 531-542  
[http://www.ijarse.com/images/fullpdf/1512738941\\_1079\\_IJARSE.pdf](http://www.ijarse.com/images/fullpdf/1512738941_1079_IJARSE.pdf)

## **Conference Presentation:**

- Jhawar, P., Patel, V.K., **Singh, M.**, (2017) "Factorial design and simulation of solidification of pure copper." International Conference on Advance Studies in Engineering and Sciences, SSSUTMS Sehore, (MP), 2<sup>nd</sup> December. (Paper No:58)  
<http://data.conferenceworld.in/SSSUTMS/58.pdf>

### **Conference Organized:**

- Successfully coordinated **IEEE WORLD CONFERENCE-2023 ON APPLIED INTELLIGENCE AND COMPUTING** Jointly Organized by Ashoka Institute of Technology and Management, Varanasi, India and Rajkiya Engineering College, Sonbhadra, India.

### **FDP organized:**

- **“Modern Optimization Techniques for Engineering and Scientific Applications”** sponsored by AKTU during June 25-29 , 2018 at **Ashoka Institute of Technology and Management, Varanasi.**

### **FDP/Workshop/STTP:**

- **“Modern Trends in Manufacturing Processes and Control Techniques in Renewable Energy System.”** during November 16-21 , 2021 at **National Institute of Technology, Delhi.**
- **TEQIP** sponsored Faculty Development Program on **“Product Manufacturing and Analysis: Inculcation of Newer Methodologies”** during September, 09-13, 2020 at Veer Surendra Sai University of Technology, Burla, Odisha.
- **One Week Workshop on “Intellectual Property Rights and Entrepreneurship Development (IPRED-2020)”** during June 01-05 , 2020 at **NIT, Silchar.**
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on **"Processing of Novel Materials"** from 22/11/2021 to 26/11/2021 at **INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI.**
- participated in the 6-Day (One Week) All India Council for Technical Education (AICTE), New Delhi sponsored Short Term Training Programme (STTP) Series on **RECENT ADVANCES IN TRIBOLOGY AND SURFACE ENGINEERING: Series 2 of 4 - Tribology of Machine Components and Applied Tribology,** organized by Saintgits College of Engineering, Kottayam from 14th to 19th September, 2020.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Clean Energy Manufacturing: Transformation for Sustainable Development"** from 04/10/2021 to 08/10/2021 at **DELHI TECHNOLOGICAL UNIVERSITY.**
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Lab on chip and affordable diagnostics (under ‘Lab on chip’ thrust)"** from 01/11/2021 to 05/11/2021 at **IIT Kharagpur.**

- **“Modern Optimization Techniques for Engineering and Scientific Applications”** sponsored by AKTU during June 25-29 , 2018 at **Ashoka Institute of Technology and Management Varanasi.**
- Participated in the 3-Day **APJ Abdul Kalam Technological University, Thiruvananthapuram** sponsored online Faculty Development Programme on **NANOFLUIDICS: THEORY, EXPERIMENTATION, COMPUTATION AND APPLICATIONS**, organized by the Department of Mechanical Engineering of **Saintgits College of Engineering, Kottayam** from 13th to 15th September, 2021.
- **“Outcome Based Education in Technical Education”** during July 01-05 , 2019 at **Ashoka Institute of Technology and Management Varanasi.**

### **Achievements:**

- Qualified GATE-2008

### **COURSES TAUGHT:**

- Engineering Mechanics
- Fundamentals of Mechanical Engineering and Mechatronics
- Material Science
- Thermodynamics
- Mechatronics
- Heat and mass transfer
- Mechanical engineering
- Manufacturing processes
- Thermodynamics.
- Fluid mechanics
- Fluid machineries
- Engineering Graphics.
- Power Plant Engineering
- Computer Aided Manufacturing
- Advanced Welding Technology

### **PERSONAL INFORMATION:**

- Father's name: Late Shri Ramakant Singh
- D.O.B.: 01/10/1986
- Marital Status: Married
- Permanent /Mailing Address: H.No. 107, Vill & Post – Awajapur, Chandauli (U.P.), Pin- 232108

**(Manish Kumar Singh)**