

Resume

Name: Rasik Mohan Tiwari

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Academic Qualifications:

Degree/Course	Branch/Stream	University/Board	Passing Year	Percentage(%)/ CGPA
PhD	Mechanical Engineering	MMMUT, Gorakhpur	Pursuing	-
M.Tech.	Industrial Engineering & Management	Gautam Buddha University Gr. Noida (U.P.)	2014	8.31
B.Tech.	Mechanical Engineering	GBTU/UPTU Lucknow (U.P.)	2011	63.8
Intermediate	Science (PCM)	U. P. Board	2005	61.6
High School	Science	U. P. Board	2003	64

Working Experience:

- **Six years and four months** of teaching experience and **One year** of research experience.
- Working as **Research-Cum-Teaching Fellow** at Madan Mohan Malaviya University of Technology, Gorakhpur, Uttar Pradesh since December 15, 2020
- Worked as a **Guest Faculty** at Rajkiya Engineering College, Mainpuri, U.P. from August 25, 2020 to December 15, 2020.
- Worked as a **Guest Faculty** in Mechanical Engineering Department at Rajkiya Engineering College, Bijnor, (U. P.) from August, 2019 to June 2020.

- Worked as an **Assistant Professor** in Mechanical Engineering Department at Krishna Engineering College, Ghaziabad (Affiliated to UPTU/AKTU) from July 2014 to June 2019.

Publication:

- Rasik Mohan Tiwari et al, “Mechanical Properties and Microstructure of Al-5083 by TIG”, Materials Today: Proceedings (Elsevier), Vol. 5, pp. 819-822, 2018.

FDP/ STTP/ SEMINAR Attended/Coordinated:

- NPTEL Online Certification: Successfully completing the 8 week course form Jan-March 2021 on ‘Processing of Polymers and Polymer Composites’.
- Organized one week student development programme as organizing committee on “Latest industrial updates on various software of Civil and Mechanical Engineering” conducted by Rajkiya Engineering College, Bijnor sponsored through TEQIP Ministry of Human Resource Development, Government of India held during 28th Jan. to 01st Feb. 2020.
- Coordinated the event “Working Model Exhibition” organized by Dr. AKTU Lucknow held at zonal centre, Rajkiya Engineering College, Bijnor as a Faculty Coordinator from November 15-16, 2019.
- Participated in Webinar on “Future of Welding Journey Towards Industry 4.0” conducted by AKGEC Skills Foundation Ghaziabad on 16th May, 2020.
- Participated in Panel Discussion on “Research, Innovation & Entrepreneurship opportunities in Covid-19 Scenario” organized by Pandit Deendayal Petroleum University in association with PDPU Innovation & Incubation Centre on 15th May, 2020.
- Participated in online webinar on “Role of the Ideal Teacher in transforming the Academic life of the students” delivered by Prof. D. S. Chauhan Founder Vice Chancellor Dr. A. P. J. AKTU Lucknow on 13th May, 2020.
- Participated in one week short term training programme (STTP) on “Entrepreneurship and Business Model” conducted by Institute’s innovation Council 2.0 sponsored through Technical Education Quality Improvement Programme (TEQIP) Ministry of Human resource Development (MHRD), Government of India held during 25th-29th November, 2019.
- Attended two days FDP on “Micro Machining Technology” at IIT BHU from 17, June 2016 to 18, June 2016.
- Attended one day seminar on “Research & Development through Academia-Industry Collaboration” at KEC, Ghaziabad on 3rd June, 2017.
- Completed ‘Material Behavior’ an online MOOCs non-credit course authorized by Georgia Institute of Technology offered through Coursera.
- Completed ‘Mechanics of Material’ an online MOOCs non-credit course authorized by Georgia Institute of Technology offered through Coursera.

M.Tech Dissertation:

- “Study of abrasive wear behavior of AZ81 magnesium alloy reinforced with silicon nitride (Si_3N_4)” Under guidance of Dr. Satpal Sharma, Assistant professor, mechanical engineering department, School of Engineering, Gautam Buddha University, Gr. Noida.

Minor Project:

- To study ‘**Failure Mode and Effect Analysis**’ and presented report to panel of expert faculties at School of Engineering, Gautam Buddha University, Greater Noida.

Other Research Field:

- Current research in ‘Microstructure, tribological and mechanical characterization of AZ81 magnesium alloy reinforced with boron carbide (B_4C).’

B.Tech Project:

- Major Project: Automatic Ventilator for Windows Panels.
- Minor Project: Participated in seminar and presentation on GREEN ENGINE.

Industrial Experience and Trainings:

- Worked as a GET in Heat Treatment Shop and Sheet Metal Shop for more than 8 months.
- **Diesel Locomotive Works Varanasi** at Chromium plating Shop, Heat treatment shop and Production control office summer training (3rd year).
- **Box-N training Centre** East Central Railway Mughalsarai.

Teaching and Other Responsibility:

- Subject Taught: (UG) Material Science/Material Engineering, Manufacturing Processes, Theory of Machines, Industrial Engineering, and Fluid Mechanics.
- Lab– in – charge: Material Testing Lab, Machine Shop.
- Mentor/Proctor
- Worked as a Lathe Machine trainer in Pradhan Mantri Kaushal Vikas Yojana (PMKVY) at KEC, Ghaziabad.
- Worked as a counselor in admission cell at KEC, Ghaziabad.

Membership: IAENG Society of Industrial Engineering and Mechanical Engineering (Member Number: 149784).

Hobbies:

- Reading books
- Exercise

Personal Details:

Father's Name : Mr. Ram Janm Tiwari
Date of Birth : 1st March 1988
Gender : Male
Permanent Address : Q.N-665 (A) Old Central Colony, Mughalsarai,
Chandauli, Uttar Pradesh, 232101
Languages Known : Hindi, English

Declaration:

- I hereby affirm that the information furnished above is true to the best of my knowledge and belief.

A small, rectangular image showing a handwritten signature in blue ink. The signature appears to read "Ram Janm Tiwari".