



Curriculum Vitae

PRASOON CHOUDHARY

CURRENT ADDRESS

H.N-1117, SECTOR 25
PANIPAT, HARYANA
☎ -7011832738

✉: - prasoonchoudhary@gmail.com

Career Objective

- Seeking a challenging position to utilize my skills and abilities in area of Teaching and Education that offers a professional growth while being resourceful, innovative and flexible.

Educational Qualifications

- Ph.D. in **Mechanical Engineering** from **NIT Uttarakhand** (2020-24) - **Course work completed with CGPA 8.86.**
- Master of Technology in **Mechanical Engineering (Industrial Process Equipment design)** from **NIT, Surat** (2009-11), **Gujarat** with CGPA of 8.76 (1st Div.)
- Bachelor of Engineering in **Mechanical Engineering** from **Oriental Institute of science and Technology, Bhopal** affiliated to **RGPV, Bhopal** (2003-07) with aggregate of 66.19 %. (1st Div.)

Teaching Experience (Total 9 Year)

- Currently Teaching as GATE Faculty in **Engineers Institute of India, Kalu Sarai, New Delhi** as Freelancer faculty since June 2023.
- Taught Mechanical Engineering Subjects at **GATE level and State AE/JE level** as a **part time faculty in ColliGate, Ghaziabad**
- Worked as Assistant Professor in Mechanical Engineering in **IMS Engineering. College, Ghaziabad** from (June 14 to Sep 19).
- Worked as Assistant Professor in **Raj Kumar Goel Institute of Technology, Ghaziabad** from (Jan 12 to June 14).
- Worked as Assistant Professor in **C. U. Shah college of Engineering and Technology, Surendranagar, Gujarat** from (July 11 to Dec 11).

Achievements

- Qualified in **GATE-2009 with AIR- 2072** and in **GATE-2007 with AIR 1391.**
- Cleared written competitive exam of various PSU e.g. **HAL, BDL, BARC, RVUNL etc.**

- **Selected in RVUNL as Junior Engineer I in Aug 2011.**

Projects

- Ph.D.: Investigation and performance analysis of Ceramic Matrix Composites by Smart manufacturing.
- M. Tech: Effect of apparent area on sliding friction characteristics of composite material.
- B.E: Vehicle with Omni directional Steering.

Publications

- Choudhary, P., Brar, G.S., Sharma Varun. Investigation of Microstructure, Surface and Tribological Properties of Mullite and SiC based Ceramic Matrix Composite Fabricated by Powder Metallurgy; proc IMech E Part B: Journal of Engineering Manufacture. (2024) DOI: <https://doi.org/10.1177/09544054251318057>
- Choudhary, P., Brar, G.S., Sharma Varun. Experimental Study and Numerical Simulation of Tribological and Mechanical Properties of Mullite and SiC Based Ceramic Matrix Composite for Journal Bearing; proc IMech E Part J: Journal of Engineering Tribology. (2024) DOI: <https://doi.org/10.1177/13506501251314070>
- Choudhary, P., & Brar, G.S. (2021, December 16-18). Recent advancements in the fabrication of ceramic matrix composite: A critical review. 2nd International Conference on Future Technologies in Manufacturing, Automation, Design and Energy, NIT, Puducherry, India. DOI: https://doi.org/10.1007/978-981-99-1288-9_13

Subjects Taught at GATE/AE Level

- 1. Thermodynamics**
- 2. Heat Transfer**
- 3. Fluid Mechanics**
- 4. Strength of Material**
- 5. Quantitative Aptitude, Verbal and Nonverbal Reasoning**

Declaration

The information provided by me according to my belief is correct.

(Prasoon Choudhary)