



Ravi Shankar Pandey

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[utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app](https://www.linkedin.com/in/ravi-shankar-pandey-a28969240?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

OBJECTIVE

To thrive in a dynamic environment that fosters professional growth and success, where I can effectively utilize my technical skills and engineering knowledge to contribute meaningfully.

EXPERIENCE

06/2022 - 07/2022

National Thermal Power Corporation

Vocational Trainee

Studied and analyzed the operation and performance aspects of cooling towers, gaining hands-on experience in thermal power plant systems.

01-09-2022 - 30-09-2022

Brahmashira Astra Bharat Privat Limited

Intern

Conducted research and studied topics such as shape charge, mechanical Timer and related subject.

EDUCATION

- **National Institute of Technology, Kurukshetra**
2026
M.Tech (Thermal Engineering)
6.46
- **Dr. A.P.J. Abdul Kalam Technical University**
2023
B.Tech (Mechanical Engineering)
7.31
- **B.Dubey College, Bihia, Bhojpur**
2019
Intermediate
72
- **D.A.V. Public School , Arrah, Bhojpur**
2016
Matriculation
83.6

TECHNICAL SKILLS

- CAD/CAE Software: AutoCAD, SolidWorks, CATIA V5, ANSYS
- Other Tools: MS Office (Word, Excel, PowerPoint)
- Soft Skills: Team Management, Problem-Solving, Communication, Time Management

PROJECTS

- **Design & Analysis of Avalanche Resistance Structure Cum Shelter for Troops and People at High Altitude Regions.**
 - Led a team to design and analyze an avalanche-resistant shelter using SolidWorks, AutoCAD, and ANSYS (Structural Analysis).
 - Presented the project to The Patent Office and EKANSH Journal, showcasing innovative engineering solutions for high-altitude safety.

PUBLICATIONS

- **Avalanche Resistance Structure Cum Shelter for Troops and People at High Altitude Regions.**
The Patent Office Journal No. 05/2023, Page No.- 8126". (Under Examination)

- Ravi Shankar Pandey, Pramod Kumar, Sarim Reyaz, Sajid Khan, Girendra Bhati (2022), A Review on the Effects of Avalanches in India, ,EKANSH JOURNAL, ISSN: 2230-9756, pp- 58-64
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CERTIFICATIONS

- AutoCAD: 2D and 3D modelling
 - SolidWorks: Part modeling, assembly, simulation
 - CATIA V5: Product design, surface modeling
 - ANSYS: Structural and thermal analysis
 - Soft Skills: Communication, leadership, team management
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INTERESTS

- Playing Football
 - Listening songs
 - Writing Quotes
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ACTIVITIES

- Completed E-STC on Advances in Manufacturing: Materials, Processes & Systems (AMMPS-25) organised by the Department of Mechanical Engineering, National Institute of Technology Kurukshetra during March 06-10, 2025.
 - Engineered a mechanical floor cleaner using discarded materials, securing 1st place in "Hands on Practice" competition; project showcased innovative waste reduction strategies and demonstrated mastery of mechanical principles.
 - Completed a corporate training program with 'A+' grade during the sixth semester of B.Tech.
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LANGUAGES

- English
 - Hindi
 - Bhojpuri
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REFERENCE

- **Mr. Rupesh Kumar Jha - Educaed Designs Pvt Ltd**
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