

## SAKSHI MISHRA

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## OBJECTIVE

A driven Mechanical Engineering student with a keen interest in innovation and problem-solving. Seeking opportunities to apply theoretical knowledge and practical skills in a dynamic engineering environment. Eager to contribute to impactful projects and gain hands-on experience while furthering academic and professional growth in the field of mechanical engineering.

## EXPERIENCE

- Innovato solutions Testing Laboratory** 2/05/2023 - 1/07/2023  
Intern  
During my two-month summer vocational training at Innovato Solution Testing Laboratory, I gained hands-on experience in conducting various material tests using Universal Testing Machine (UTM), Rockwell, Brinell, and Vickers testing methods.  
This internship enhanced my practical understanding of material properties and testing methodologies crucial for quality assurance in engineering applications.
- Diesel Locomotives works, Varanasi** 2/06/2022 - 2/07/2022  
Intern  
During my summer vocational training, I engaged in an in-depth study of diesel engine processes and components within locomotive frame, truck machine, engine erection, and central transportation shops.  
This experience facilitated the development of a robust understanding of locomotive engineering principles and maintenance practices.

## EDUCATION

- VEER BAHADUR SINGH PURVANCHAL UNIVERSITY JAUNPUR** 2020-2024  
B.tech mechanical engineering  
percentage till now 68%
- R.D.M ( SHIA) INTER COLLEGE** 2020  
senior secondary  
57.9
- BABY CONVENT HIGH SCHOOL** 2018  
secondary  
70.5

## SKILLS

- AutoCAD
- fusion 360
- CATIA
- Ansys
- Engineering drawing
- Ms-office

## PROJECTS

- Design & Fabrication of low cost 3D printer**
  - Conceptualized and executed the design of a budget-friendly 3D printer, integrating innovative approaches to enhance affordability and functionality.
  - Demonstrated adeptness in fabrication techniques while collaborating with team members to successfully bring the project to fruition, showcasing effective teamwork and problem-solving skills.
- Hyperloop**
  - Conducted an in-depth study on Hyperloop technology, analyzing its feasibility, potential impact, and challenges, showcasing research skills and understanding of innovative transportation concepts.
  - Collaborated with peers to compile comprehensive insights, presentations, and reports, demonstrating effective teamwork and communication abilities in discussing cutting-edge technological advancements.

## CERTIFICATE

- CAM And Design For Manufacturing For Milling  
autodesk, Online
- Technical Drawing For Design And Drafting  
autodesk, Online
- CATIA basic  
Great learning, online
- Modelling and system design techniques for Mechanical design  
Autodesk, Online
- Robotics 15 day Online internship program  
Kodacy, SPACE (scientific platform and cosmic Explorations)
- CNC Programming for Drilling  
SKYY RIDER INSTITUTIONS, Workshop