



Rohit Kumar Bamnawat

UG (II Year II Semester)
B.Tech. (Mechanical Engineering)
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Indian Institute of
Technology
Roorkee



Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2022	B.Tech. 2nd Year	Indian Institute of Technology, Roorkee	8.113
2020	Intermediate (Class XII)	Kendriya Vidyalaya No.3 Jaipur	84.40 %
2018	Matriculate (Class X)	Kendriya Vidyalaya No.3 Jaipur	82.20 %

Projects

4WD ATV Model : MATLAB | Team KNOx, IIT Roorkee

October 2021 - December 2021

- We created a 4WD drivetrain Model using Simulink for collecting the data of components like CVT, Differential, and Gears. The task was to convert a previously built 2WD drive into 4WD by researching the parameters and adding necessary elements.

Outreach IIT Roorkee Website | Outreach IIT Roorkee Website

October 2021 - April 2022

- A college web application built on HTML, CSS, and JS (react) for the Outreach cell, IIT Roorkee, to connect the outside world with the culture of IIT Roorkee.

Awards / Scholarships / Academic Achievements

- Trtiya Sopan in Scout & Guide

Skills

Computer languages C++ | Python | JavaScript | HTML | CSS

Software Packages SolidWorks | AutoCAD | MATLAB | Ansys | Abode - Photoshop, Illustrator & Premier Pro

Positions of Responsibility & Extra Curriculars

Drivetrain engineer | Team KNOx IITR

April 2021 - Present

- Part of a five-member team participating in BAJA SAE virtuals and achieved a top-10 rank out of 150+ teams.
- Part of 16-member team in BAJA SAE event 2022 and achieved Four top-10 positions out of 100+ teams.

Executive | NCC IIT Roorkee

August 2021 - Present

- Designed the website of NCC IIT Roorkee in Figma from scratch.
- Designed a Magazine of 60+pages on the event of 75 years of independence.