

EDUCATION

B.Tech, Mechanical Engineering

Indian Institute Of Technology Roorkee

2021 - 2025

CGPA: 6.31/10

Senior Secondary (XII), Science

SHRI KRISHNA PUBLIC SR SS

(RBSE board)

Year of completion: 2020

Percentage: 87.20%

Secondary (X)

KPS Udaan

(CBSE board)

Year of completion: 2018

Percentage: 92.00%

POSITIONS OF RESPONSIBILITY

Marketing Manager | Team KNOx IIT Roorkee

Responsible for website management and other social media handles.

Collaborated with companies for sponsorship and responsible for managing the finance and operations of the team.

Executive | NSS IIT Roorkee

Served as a volunteer at NSS IITR under the Primary Education cell.

Organized fun-filled activities, games, quizzes, and drawing competitions for students from various schools.

Volunteer | Sarojini Bhawan Day

Served as a volunteer in the event organized by Sarojini Bhawan (hostel) IIT Roorkee. Managed catering and decoration for the event

Competitive coding | C++ 17

Member of various coding platforms like CodeChef, and codeforces.

PROJECTS

Rock-Paper-Scissor-Game

Jan 2023 - Jan 2023

<https://github.com/Nehal5623/Rock-Paper-Scissor-Game/tree/main>

Created a simple command-line Rock-Paper-Scissor game using Python but without using any external game libraries

like PyGame.

Survey Form

Dec 2022 - Dec 2022

<https://github.com/Nehal5623/Survey-Form>

Build a survey form to collect information from user. Used HTML and CSS

Tribute-page

Dec 2022 - Dec 2022

<https://github.com/Nehal5623/Tribute-Page>

Build a tribute page for Dr. Norman Borlaug using HTML and CSS.

Regenerative Braking System Under EAD(MIN-291) Course

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Aug 2022 - Nov 2022

<https://drive.google.com/drive/folders/1bidQl4xzkJOrSJHLqLkDDCoE2LWltn?usp=sharing>

Designed a regenerative braking system using SolidWorks software.

Used ansys software for the structural analysis of the brake drum for a range of braking forces that are applied at their corresponding times.

SKILLS

HTML

Advanced

CSS

Intermediate

C++ Programming

Intermediate

Python

Beginner

JavaScript

Beginner

WORK SAMPLES

GitHub profile

<https://github.com/Nehal5623>

ADDITIONAL DETAILS

Secured rank 3rd in Cost Evaluation of BAJA SAE INDIA 2023

Secured 98.23 percentile in JEE MAINS 2021

Among the top 280 winners and became a silver winner in Zuno Fellowship Program organized by Foundit Fellowship Program in January 2023