



Punam Chand Guru

UG (IV Year I Semester)
B.Tech. (Production and Industrial Engineering)
Contact No: 91-8824627706
Email: punam_c@me.iitr.ac.in
Registration No: 19119028/2023

Indian Institute of
Technology
Roorkee



Area of Interest

Software Development, Web Development

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2022	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	6.613
2018	Intermediate (Class XII)	Dayanand Vidya Vihar Sr Sec School, Sujangarh (Churu) Raj (RBSE)	88.20 %
2016	Matriculate (Class X)	Saraswati S S Sec School, Udawa Sujangarh (Churu) (RBSE)	88.17 %

Internships

Web development and Designing Internship | The Sparks Foundation

June 2022 - August 2022

- Created a responsive website by integrating the payment gateway for donation using HTML, CSS.
- Implemented Donate button functionality which redirects to the payment page.
- The invoice of the payment is sent on the mail provided by the client directly.

Projects

Analysis of the Railway wheel using Finite Element Method and C++ and Calculating its Life Cycle | IIT ROORKEE

January 2022 - April 2022

- This project was done under the supervision of prof. Kaushik Pal.
- Identification of material of rail wheel and different parameters which effect the wear in rail wheel
- Made a 3D CAD model of rail wheel and analysed with FEA software ansys.
- Worked on a C++ Program which takes various parameters as inputs and outputs estimated life of the rail wheel.

Awards / Scholarships / Academic Achievements

- Secured first position in all over UK presentation in EK BHARAT SHRESTH BHARAT SAPTAH-4 held from 26 OCT 2020 to 31 OCT 2020

Skills

Computer languages C/C++, HTML, CSS, Javascript, React JS, MySQL

Software Packages Sublime Text, Codeblocks, Git, GitHub, Visual Studio Code, Dev C++, office 365, Ms Excel

Additional Courses CCC

Languages Known Hindi (SRW), English (SRW)

Positions of Responsibility & Extra Curriculars

Joint Secretary (Events and Promotions) | Wellness Centre IIT Roorkee

July 2021 - Present

- Appointed as the Joint secretary of Events and Promotions vertical for the academic session 2021-22.
- Worked as volunteer of wellness centre for 2 years.
- Hosted many events and webinars on Yoga and Meditation, Creative Wellness and Mental Health.

Cadet | NCC, IIT ROORKEE

August 2019 - Present

- Participated in Independence Day Guard of Honour Parade held on 15 August 2019.
- Completed COVID-19 Training for NCC Cadets by Department of Personnel and Training of Government of India on 11 JUNE 2020.
- Actively participated in events like Swachh Bharat Abhiyaan cycle rally organized by NCC IIT Roorkee.

References

Prof. Shamik Basak

Assistant Professor (MIED, IIT Roorkee)
Indian Institute of Technology Roorkee
shamik.basak@me.iitr.ac.in

Prof. Kaushik Pal

Professor (MIED, IIT Roorkee)
Indian Institute of Technology Roorkee
kaushik@me.iitr.ac.in