

Vipeen Kumar

4TH Year, Btech student
Mechanical Engineering
IIT Bhilai
Institute id: 11941360

✉ vipeenk@iitbhilai.ac.in

✉ vipeen0001@gmail.com

☎ 9170723219

in/vipeen-kumar-91a185215

Academic Qualification

2016	Highschool K.V No.1 AFS Gorakhpur(CBSE) - 10 CGPA
2018	Intermediate K.V No.1 AFS Gorakhpur(CBSE) - 76.4
July 2019 - Present	B.tech(Pursuing) IIT Bhilai-Mechanical Engineering - 6.89 CGPA

Technical Skills

Programming	C, C++, html
Designing Software	Solid edge, Solid works, Blender
Others	MATLAB, Microsoft office, Microsoft powerpoint

Position of Responsibility

April 2020 – March 2021	NSO coordinator(Football), IIT Bhilai Coordinated various online events for iit bhilai (fit india movement, win india), farewell note to pioneer batch, encourage student for the involvement in nso football.
May 2021 – April 2022	Member of Student Placement Team, IIT Bhilai Company ambassador of 5 company during placement session 2021-2022 Contacted with various company for placements and internships in IIT bhilai as a member of liasoning team. Conducted various technical/aptitude test for the placement preparedness activity for 2020 batch.
April 2021 – March 2022	Motorsports, IIT Bhilai) Core member of IIT Bhilai motorsports and worked for the steering department

Project

Arc generation in arc welding

- Review on how arc is generated in arc welding by demonstration of 2d video for visualization of arc produced in arc welding.

Vegetables oil based cutting fluid in machining

- A case study on vegetable oil based cutting fluid in machining used for enhancing the machining productivity in most of the metal industries.

Review on Macroscopic spray parameters

- A case study on macroscopic spray parameter studies using a constant volume combustion chamber for the betterment of IC engine.

Numerical solution of SIR model for transmission of tuberculosis by Runge-kutta method

- To show numerical solution of the SIR model on the spread of tuberculosis by using Runge-kutta method with a computer program written in MATLAB

Review on Hydroelectric Power Generation

- A case study on hydroelectric power generation in Indian perspective

Extra curriculum

- 54th InterIIT sports meet - Represented IIT Bhilai Football team in InterIIT sports meet at IIT kharagpur in 2019.
- Prayatna, IIT Bhilai - 2nd in 400m race and 4*200m relay - 2nd in Football. Played cricket, basketball also in Prayatna.
- Meraz19, IIT Bhilai - Worked as volunteer in meraz for hospitality, prize distribution, decoration team.
- Participated in K.V Regional sports meet - First in U19 football event of Regional sports meet in K.V.S Varanasi region.

Strength

- Team Player
- Multitasking
- Effective communication
- Problem solving
- Punctuality