

# Vivek Kumar

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[Git Hub](#)

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## Academic Qualifications

Year	Degree	Institute	CPI/%
2019-Present	B.S Earth Science	Indian Institute of Technology, Kanpur	6.09/10
2018	Senior Secondary (CBSE)	British English School, Manpur, Gaya	87.60%
2016	Secondary (CBSE)	KV. No1 Gaya, Bihar	89%

## Scholastic Achievements

- Acquired a rank of **19216** in Joint Entrance Examination Mains 2019 taken over by 1.25 million students
- Secured an **All India Rank 16199** in Joint Entrance Examination Advance 2019(1.5lakh aspirants).
- Cleared **B-Tech** entry in **the Navy**, and had two days in SSB interview out of a total of five days.
- Successfully passed various **government job** tests, including the **SSC CHSL 2021 Tier-1 examination**, which was taken by approximately 45 Lakh students. **RRB NTPC CBT1 of Level 2 and Level 3** posts taken over 1.5cr students.

## Projects

### Luni River: A river never touches the ocean/ Course Project (ES451A)/ Under Deepak Dhingra.

- I use QGIS software to find its
  - Topography and elevation at various locations.
  - Finding strahler order of river.
- Use Google Maps to find its location.
  - Finding its route of flow and basin.

Jan-May 2022

### Foot Cleaning Machine Model/ Course Project (TA201)

- Created a 3-D model of a foot cleaning machine using Autodesk software.
- Created 2-D projection of belt and pulley parts on Liber cad software.

Jun-Aug 2021

### IITIAN'S Grand Restaurant / Self Project [Github](#)

- Created a responsive homepage by applying the ideas of Navigation Bars, Drop Bars, and Form Validation together with JavaScript functions and methods, including Bootstrap.

### Banking Feature/ Self Project [Github](#)

- Using C++ I was able to create an application that offers the most fundamental banking features, Such as an account number, and the ability to deposit and receive money.

## Relevant Coursework

Fundamental of computing	Introduction to electronic	Remote sensing
Probability and statics	Micro Economics	Economic Geology

## Technical skills

- **Programming:** C, C++.
- **Web Development:** HTML, CSS, BOOTSTRAP, SQL, JavaScript.
- **Software:** LibreCAD, Autodesk, Excel, MS Office, Visual studio code, ENVI, QGIS.

## Co-curricular involvements

- Actively participating in **Taekwondo** for Udgosh'22.
- Former IITK **Hockey team member** in 1<sup>st</sup> year.
- Participated in **Aerobics** in the first two semesters as a CPA.
- Fabricated **digital counter** in the workshop helped by electronics club in 1<sup>st</sup> semester.