

Rahul Kumar

Second-Year Undergraduate
Department of Chemical Engineering

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Education

Degree	Institution	CPI/%	Year
B.Tech	IIT Gandhinagar	7.56	2020-2024
Class XII	+2 High School Gonawan,poari	87.8	2018-2020
Class X	+2 High School Gonawan,poari	81.6	2017-2018

Projects

- **Portfolio Website and other small projects ([Link](#))**
 - Developed my portfolio website using HTML, CSS and JavaScript.
 - News website using news API.
 - To do list . Here we can add, remove and edit a chapter name.
- **Numerical Analysis of Mechanical Vibration, Prof. Satyajit Pramanik** [March-April 2022]
 - Applied Runge-Kutta Method from scratch using Matlab.
 - Created project report using Latex.
 - A group of five members.
- **Fossil fuel-based Thermal Power Plant, IIT Gandhinagar** [October-November 2021]
 - Analyzed the p-s-T surface of Water and using the water properties, calculated the efficiencies of the thermal power plant.
 - Learned how to 3D print surfaces.

Achievements

- 5km marathon of intercollege completed in 23 minutes.
- 1.5km marathon of intercollege completed in 5.35 minutes.

Skill Summary

- **Languages:** C++, Python, JavaScript
- **Tools:** LaTeX, Matlab, Autodesk Inventor Professional, Cantera, AutoDesk Fusion 360
- **Web Development:** HTML, CSS, JS, React JS, Node JS, Bootstrap, Tailwind CSS

Positions of Responsibility

- Organizer in Halla-bol (Intracollege sports tournament)
- Organizer in CCL (Intracollege cricket tournament)

Extra-Curricular Activities

- Playing Outdoor Sports: Cricket , Badminton, Swimming.