



## Kaustav Bhattacharya

B.tech ( Mechanical Engineering )

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### Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2021	B.Tech 4th Year	Rajasthan Technical University	59.3%
2016	Intermediate (Class XII)	Kendriya Vidyalaya No.3, Nal, Bikaner(Raj.)	69.2 %
2014	Matriculate (Class X)	Kendriya Vidyalaya No.3, Nal, Bikaner(Raj.)	9.4

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### Projects

**Pedal Operated Water Purification System 2020** | B.tech Final Year Project

January 2020 - May 2020

- To utilize muscle energy for water filtration process in energy scarce areas.
- Different purification methods were integrated to purify the available water, solid waste by gravity settling, filtration for macro and micro impurities, and boiling for removing hardness of the water. Before fabrication process theoretical modelling was done and possibility of operational ability of the model was devised.
- After fabrication the unit was functioning well as expected in theoretical modelling. And was praised by the professors as one the good projects in the department

**Smart Parking System Model** | Akhilesh Electricals, Pune

June 2019 - July 2019

- Completed training on Ladder Programming and Advanced Application PLC Programming using Codesys and SCADA.
- Interfacing of PLC panel of input and output devices to PLC, troubleshooting, and communication between the devices.
- Developed a smart parking system model equipped with sensors and devices using PLC programming to let the users know about empty and vacant slots for cars.

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### Skills

Computer languages: C, SQL, HTML

Software Packages: AutoCAD

Additional Skills: Microsoft Office, Google Analytics, Google Ads

Languages Known: Hindi(SRW), English(SRW), Bengali

Soft Skills: Communication Skills, Teamwork, Adaptable

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### Extra Curriculars

- Co-Ordinated College Cultural Fest (PRAVAH).
- Winner of intra college chess competition.
- Completed Tritya Sopan in Scout and Guides, and was eligible for Rajya Sopan.
- Co-Ordinated Blood Donation Camp.

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### References