

Praveen Prabhat

Sophomore B.Tech Student

Biological Science and Bioengineering

Indian Institute of Technology Kanpur

Email : pravp@iitk.ac.in

Phone : +91-9608873200

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2019 - Present	B.Tech	Indian Institute of Technology, Kanpur	6.34/10
2018	CBSE(XII)	St Joseph Public School, Dalshinghsarai	80%
2016	CBSE(X)	St Jude's Public School, Barauni	10/10

Key Projects

- **Ardupilot** (Mar'17 2019 - Ongoing)
under Aero-modelling club IIT Kanpur
 - Learnt Ardupilot Software for designing Autonomous flying software for drone and programme their missions **Cygwin, MAV Proxy** and using them for creating a virtual Simulation.
 - Successfully implemented the **Mission Planner on SITL** for the virtual stimulation of the a Quadcopter using transmitter.
 - Collected and analysis the virtual data by the use of the Quardcopter for of various problems areal mapping.

Technical Skills

- **Programming Languages:** C, C++, Python
- **Web:** HTML, CSS, JavaScript
- **Software and Libraries:** Git

Positions of Responsibility

- **Senior Election officer-SEO** (June 2020- Ongoing)
 - Conducting the General Election online mode **Free and Fare election** working with the team for the event planning and implementing it.
 - Managed logistics of shortlisting tests, interviews for the recruiting process.
 - Verification of documents, prospector and all stuffs before finalizing the candidate for the election.
- **Election Officer-EO** (2019- 2020)
 - Managed logistics of of all halls for the election day to making booths in the different halls.
 - Looking on the campus activities that is going against the rule of IITk.
 - Conduction of voting 5000+ voters and counting of votes for result declaration.
- **Junior Executive E-Cell** (2019- 2020)
 - Managing the 200+ students from different colleges all the events.
 - Working on the registration desk for the all the registration and guidance help.

Relevant Courses

Manufacturing Processes I-(A)	Linear Algebra and Differential Equation
Manufacturing Processes II -(A)	Partial Differential Equations
Fundamentals of Computing	BioChemistry*(ongoing)
Organ System, Physiology And Anatomy	Bioinformatics and Computational Biology*(ongoing)
Bioelectricity*(ongoing)	

Scholastic Achievements

- Completed first year **National Institute of Technology, Patna** B.Tech in **Computer Science and Engineering** (2018-2019).
- Completed Basic of Special theory of relativity by **Prof.HC Verma** (18 dec 2018 - 8 Mar 2019)

Extra-Curricular Activities

- Counseled 30 class 12 students towards science and technology careers as a part of IITK OpenHouse Diamond Jubilee Celebration
- Participated in **CODATHON** the inter NIT coding contest organised by ISTE and MANIT (15/01/2019 - 22/01/2019)
- Participated in **Parliamentary Debate** at **NITP**,during **Techno-culture fest'19**