

Satyansha Dev

2nd Year Undergraduate, Electrical Engineering
satyanshad20@iitk.ac.in | +917428707395

Academic Qualifications

| Year | Degree/Certificate | Institute | CPI/% |
|----------------|--------------------|--|----------------|
| 2020 - Present | B.Tech | Indian Institute of Technology, Kanpur | 7.86/10 |
| 2020 | CBSE(XII) | Milton Public School,Agra | 88.2% |
| 2018 | CBSE(X) | Saraswati Vidya Mandir, Etah | 97.6% |

Scholastic Achievements

- Secured **SC Rank 719** in **JEE Advanced** 2020 among the 2.2 lac candidates.
- Secured **SC Rank 1643** in **JEE Mains** 2020 among the 1.5 Million candidates.
- Secured **SC Rank 34** in **UPSEE 2020** among 0.75 lac candidates.
- Received **Academic Recognition** in 2018 for exceptional academic performance in class 10th.
- Secured **District Rank 6** and School Rank 2 in **Class 10th**.
- Received **Scholarship** for outstanding performance in Young Talent Search Exam, conducted by Akash Institute.

Internships/Projects

- Mentor-ship Intern** (May'21 - August'21)
UnchaAi Mentor-ship Program

| | |
|----------------|---|
| Objective | • Work collaboratively with other mentors to guide JEE aspirants through their JEE preparation journey. |
| Implementation | • Provided the aspirants with a customised and detailed U-Strategy that helped them to score a high JEE rank. |
| Impact | • Provided mentor-ship to 11 students, among which 5 appeared in JEE 2021 and all qualified. |
- Introduction to GameDev-Science and Technology Council| IIT Kanpur** (Jul' 21 - Sept' 21)
 - Developer and Artist** : Developed a FPS game, suitable for Windows and had the capacity to be expanded for androids.
 - Designed and developed the game The Z** using tools like unity, blender, visual studio and illustrator.
- Wind Prediction for Power Systems-| Prof. Gururaj Mirle Vishwanath, IIT Kanpur** (Dec' 21 - Present)
 - Machine Learning Application** : Project would develop a model using ML applications to forecast wind power generation.

Technical Skills

Programming: C, C++, Python, MATLAB **Web:** HTML, CSS **Tools:** Unity, Git, L^AT_EX, Illustrator, Photoshop, Excel

Relevant Courses

| | | |
|----------------------------------|-----------------------------------|--------------------|
| Intro to Electrical Engineering* | Intro to programming | Fluid Mechanics |
| Microelectronics-I* | Intro to the Art of Video Making* | *(ongoing courses) |

Position Of Responsibility

- Senior Election Officer, Election Commission, IIT Kanpur** (March'21-Present)
 - Led a team of 100+ Election Officers, ensuring the smooth conduction of the biggest Students' Gymkhana Elections.
 - Successfully monitored the campaigning of 45+ candidates and verified their manifestos as per the Code of Conduct.
- Student Guide,Counselling Service, IIT Kanpur** (October'21-Present)
 - Selected by the Counselling Service on the basis of skills like communication, time management and situation handling.
 - Mentored 5 students academically and emotionally throughout their initial phase and continuing to do the same.
- Secretary, Outreach Cell, IIT Kanpur** (March'21-Present)
 - Contributed to the crucial avenues of strengthening student-alumni relations and organized outreach programs in IIT Kanpur.
- Secretary, Raktarpan, IIT Kanpur** (March'21-Present)
 - Worked in connecting voluntary blood donors with those who need blood, by volunteering in the camps.
- Secretary, Fine Arts Club, IIT Kanpur** (March'21-Present)
 - Organized tutorial sessions and workshops promoting all aspects of fine arts, including origami and coffee painting.
- Secretary, Unmukt, Community Welfare Society, IIT Kanpur** (March'21-Present)
 - Conducted awareness and critical thinking sessions on all issues of gender and sexuality.
- Volunteer, Prayas, Community Welfare Society, IIT Kanpur** (Dec'20-Dec'21)
 - Worked as a Volunteer in focusing on providing education to the marginalized kids in and around IIT Kanpur campus.

Extra-Curricular Activities

- Worked as a Volunteer in **Students Placements Office**, IIT Kanpur, as a winter volunteer, handled various aspects of placements, right from contacting companies to managing logistics of arranging pre-placement talks and conducting final interviews.
- Won **Gold medal** in **Skating** in inter organisation championship in the city.
- Secured **first** position in school in the "tasweer azadi ki" competition conducted by Amar Ujala Newspaper, 2013
- Awarded "Dr Achint Mathur Smriti Award" for outstanding performance in dance and cultural activities conducted under the 40th Little Ipta Camp, 2015
- Participated in Drawing and Painting Competition, conducted by Apsa Inter School Literary, Sports and cultural Fiesta, 2013.
- Received recognition for exceptional performance in the 'Akhilbhartiya Sanskriti Gyanpariksha', 2019.