



DEVANSH SHARMA

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CONTACT

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LANGUAGES

ENGLISH
Proficiency | TOEFL iBT

HINDI
Native

JAPANESE
Working Knowledge | JLPT N5

SKILLS & EXPERIENCE

- Intern | Banaras Hindu University (Dr. Ajit Kumar Kharwar) | Reading Project on *Shift from Single Molecule Magnets to Single Ion Magnet* | 2022
- NMR, FT-IR, UV-Vis Spectrometer
- ChemDraw, Origin, Jmol, Gaussian
- Java, Python, Julia
- LaTeX, MySQL
- Adobe Photoshop, Adobe xD, Blender
- Certificate in *Web & Mobile Application Development* | Design Innovation Centre, Banaras Hindu University | 2021

EDUCATION

- Secondary School Certificate | CBSE | 10.0 CGPA | 2017
- Higher Secondary Certificate | CBSE | 98.4% | 2019
- B.Sc. (Hons.) - Chemistry | Banaras Hindu University | 9.46 CGPA | 2022
- Integrated-PhD | Tata Institute of Fundamental Research- Mumbai | (2022-present)

KEY PROJECTS

- *Vibrational Strong Coupling of 2,3-dimethylbenzonitrile* | Dr. Kalaivanan Nagarajan | 2023
- *Quantum Computing Costs for Generating Torsional Energy Profiles for 2,2'-dihalobiphenyls* | Prof. R. Venkatramani | 2023
- *Impact of Vibronic Coupling on Excitonic-Polaritonic Dynamics* | Dr. Amartya Bose | 2023

AWARDS & CERTIFICATES

- JAM | 2022 | AIR 44
- GATE | 2022 | Qualified
- BSc (Hons.) -Chemistry | Banaras Hindu University | 2022 | Rank: II
- GRE General Test | 2021 | Q162 V158 A4.0
- TOEFL iBT | 2021 | Score: 112/120
- KVPY Fellow | Government of India | 2019
- CBSE Certificate of Merit for *outstanding performance in Chemistry & Informatics Practices* | CBSE | 2019
- Uttar Pradesh Science Talent Search Examination (UPSTSE) Scholarship | Government of Uttar Pradesh, India | 2017