



Kamlesh Joshi

PhD student in Physics,
University of Bordeaux

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- Indian Citizenship

About Me

A physics enthusiast, interested in promising future technologies and aims to achieve scalability in laboratory restricted ideas. Highly dedicated, disciplined and curious about scientific research

Languages

- English
- Hindi
- Sanskrit
- French

Soft Skills

- Time Management
- Teamwork
- Problem Solving
- Documentation

Current Status

Since January 2025 **PhD in Physics** Research Scholar
University of Bordeaux
Topological structuring of the LCs (liquid crystals) by using the external driving fields

Education

Postgraduation

Aug 2021- Aug 2023 **M.Tech in Applied Optics** Graduated with Distinction (CGPA- 8.813/10)
Indian Institute of Technology (IIT) Delhi

Aug 2017- June 2019 **M.Sc Physics** Graduated with Distinction (CGPA-7.71/10)
D.B.S PG College Dehradun

Graduation

July 2014- June 2017 **Bachelor of Science** Graduated with Distinction 71.88%
SGRR PG College Dehradun
Physics, Chemistry, Maths

Research Experience

Jan 2024- May 2024 **Spectroscopy of hot vapours of Rubidium (Rb) atoms** Research Internship
Department of Physics, Humboldt University of Berlin

June 2022- June 2023 **Compact source to produce to quantum correlated photons** M.Tech Thesis
Experimental Quantum Interferometry and Polarization (Equip) Lab, Department of Physics, IIT Delhi
Designed PPLN-Periodically Poled Lithium Niobate waveguide to generate single and entangled photons by SPDC- Spontaneous Parametric Down Conversion process

Jan- May 2019 **Designing of automatic street light using Light Dependent Resistor (LDR)** M.Sc Thesis
Department of Physics, D.B.S PG College, Dehradun

Extra-Curricular Activities

Sports Cricket, Badminton, Volleyball

Music Piano, Drums, Guitar

NSS (National Service Scheme) Program A Central Sector Scheme of Government of India, Ministry of Youth Affairs Sports.
NSS B and NSS C certificate holder at graduation level.