



Kamlesh Joshi

PhD student in Physics,
University of Bordeaux

1 Dec 1997

10 rue Robert escarpit, Pessac, France

+33 752158083

http://www.youtube.com/@kamleshjoshiofficial1613

kamlesh.joshi112@gmail.com

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**
University of Bordeaux
Topological structuring of the LCs (liquid crystals)
by using the external driving fields

Research Scholar

Education

Postgraduation

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

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

Graduation

July 2014- June 2017 **Bachelor of Science** SGRR PG College Dehradun Graduated with Distinction 71.88%
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) A Central Sector Scheme of Government of India, Ministry of Youth Affairs Sports.
NSS Scheme Program B and NSS C certificate holder at graduation level.