

## **Statement of purpose**

My academic field of interest is quantum optics. Since I want to apply the knowledge in present day communication techniques. I had studied about these things in my Post Graduation which makes me interested in this and passionate to do work for the same further.

I have studied Quantum Optics. Also I had studied and understand about Molecular Spectroscopy, Quantum Electronics, Non-Linear Optics, Semiconductor Optoelectronics, Quantum Information and Computing and I am also quite familiar with programming.

During the research I will work very work very hard using the above mentioned subjects techniques and knowledge while using many more those things also which I don't know right now by learning them with complete dedication towards the work and subject.

I have seen your research which inspired me most and I want to pursue my doctoral degree under your guidance.