

STATEMENT OF PURPOSE

I am Sandeep Bashyal, an inhabitant of Butwal Metropolitan City, one of the top trading hubs of Nepal. I grew up here. Since my childhood attaining a good degree has been my top priority.

I have completed school level education from a reputed English school (Kotihawa English Secondary School, Rupandehi) in the year 2006 with a sound academic score – 77%. Physics was the subject I was interested in. In 2008, I finished higher secondary education in Science (from Paramount Higher Secondary School, Rupandehi) scoring a good score of 66.90%. After attaining a higher secondary education degree in my hometown, I was ruthless in pursuing my academic goals. Thus I went to the capital city of Nepal to acquire advanced education in a state-owned college that has earned a good reputation for physics-friendly teaching. I joined Tri-Chandra College, affiliated to the Tribhuvan University. Scoring the marks I was aiming for (75.07%), I completed Bachelor in Physics in 2012. My quest to attain a higher degree in physics was unstoppable. As a result, I attained a Master's degree in the same area of study securing 72% in 2016 with elective subjects *Plasma Physics* and also completed my dissertation work from another college belonging to the same university (Patan Multiple Campus, Lalitpur).

The three years of under-graduate and two years of graduate education not only helped me build a solid foundation in Physics, but has also broadened my academic horizon, giving me a complete idea to use textbook knowledge to solve problems. As a student who has majored in Physics, I have dealt with tremendous amount of theorems and formulas that I enjoyed thoroughly. I completed my Master's degree dissertation using complex mathematical equations and large theorems. The combination of specialized knowledge and a full passion about Computer techniques allows me to face various issues with ease. For instance, while working on my dissertation I used *Matlab* in order to simulate mathematical equations and experiment results.

After my Master's degree, I realized the education I acquired provided me with just fundamental knowledge about physics. To the utter surprise of thousands of dedicated students like me, the university where I studied doesn't have an advanced laboratory. Due to this, I couldn't get sufficient knowledge about practical education. Even after achieving an advance degree, I've got a lot on my plate. Undoubtedly, I need to explore more if I were to be establish myself in this field. Thus I've decided to pursue a Master's degree at a prestigious university abroad that focuses on practical education.

After a round of brainstorming and a Google research, I selected your university for my postgraduate in physics. It is indeed my pleasure to know that this university is one of the leading innovative learning centers which offers excellent facilities with sophisticated

laboratory equipment and flexible learning opportunities. Such things make a huge difference in a student's life and learning environment. I am applying to your university also because the graduate students you produce are on high demand globally.

A subject like physics inculcates the skills that are in high demand in diverse sectors in students. These include numerous problems-solving, data analysis and communication of complex ideas as well as wider understanding on a scientific and human level. Physics graduates go on to work with research roles spread across many industries, including education, aero plane, defense, public, healthcare, energy, materials, technology, computing and IT sectors.

In Nepal, energy, health and technology sectors remain untapped. A Physics scholar or a student with an advance degree in this area can help improve these sectors and can contribute towards the country's development. Despite having rich natural resources, Nepal is still an under-developed country. Keeping these opportunities in mind, I will return to Nepal after the completion of my graduation. I will make the best use of the knowledge I acquire at your university to contribute to the development my country and thus achieve my career goals.

Last but not the least I am bound and determined towards my academic career. Duly following every rule and policy your university has in place, I will fully utilize the opportunity of being your university student to shape myself up. I hope you will grant me the privilege of pursuing a Master's Degree in your university. I look forward to joining your university as a devoted student from Nepal.

**Yours sincerely,
Sandeep Bashyal**