**PERSONAL STATEMENT**

From the very beginning, I was always curious about how things around us work and the reason behind anything that was happening; later, I found out that it was called SCIENCE. As I advanced in my academic level, advancing the curiosity and passion in a parallel fashion, I came to know that my special interest was in physics, since it was the one science that mostly explained how things work and why the world is like it is. The profound knowledge about the world around us that is perceivable via physics drew me towards choosing physics as my undergraduate major. Soon, I knew that the very fabric of my mind was suited for physics, as I was always ahead of my contemporaries in understanding, solving and applying the problems and principles of physics, way beyond my academic level. I was fascinated by the immense coverage of physics from tiny atoms to the infinite universe and the simple dynamics of motion to the complex biological and astrophysical phenomena.

Despite my thorough understanding of the principles and their applications, I couldn’t secure great grades during my course work due to mainly two reasons: my personal financial problem that made me work extra hours to give continuity to my studies and partly the traditional memory based examinations held by our university which basically needed us to memorize most of the long derivations and proofs rather than to be able to apply them in other contexts. I had to work extra hours to support my studies which gave me less time to concentrate on my studies even during exam preparation period which kept me from memorizing the derivations and had a severe effect on my grades. My Physics GRE score should tell the extent of my understanding of the subject and my General GRE score about my quantitative and verbal reasoning capabilities. I do have good command of English language that will benefit me with communication skills.

Further, during and after my BSC/MSC I have been involved in teaching science to high school students and physics to higher secondary students, which have definitely augmented my understanding of the basic physical concepts and their applications by providing a different outlook to the subject from a different angle; the teachers' angle. These experiences on teaching have also given me the ultimate meaning of gaining knowledge; to pass it on.

During my final year of BSC, I attended a seminar on "The specializations in physics and their importance", which made me clear about what I really wanted to pursue as my lifetime passion: Astrophysics. Unlike other branches of physics, Astrophysics, which seemed to me as an infinite pool of fascinating and overwhelming knowledge, was yet to be explored.

To actually tell why I like science or physics, I would recall the very theme of it; to raise questions, answer them with so much effort to finally raise new ones. At the end there will be even more questions to be answered but the amount of knowledge is raised. I simply like the way it works. I finally came to know that there is nothing more satisfying to me than to understand and then pass the knowledge to others on how and why the world works the way it is. This very quest of mine has compelled me to apply for the graduate program in astrophysics as this is the only way I can have a strong foundation for my long journey towards gaining knowledge through research, just to pass it on to the future generation so that they may take it to another level.

Considering the gigantic amount of knowledge covered by the academic courses and the computational methods and analytical skills engraved in me during the learning and teaching years, I can confidently claim to be able to use these assets in the quest of becoming a successful research scientist and earning a Phd in the process. As a focused and highly motivated science student I'm always in search for new challenges and research opportunities to foster my efforts towards my ultimate goal of being a research scientist and living the rest of my life searching for and passing on the loads of scientific knowledge that is waiting to be unlocked. If given a chance, I would definitely work as hard as I can to procure the most out of myself and honor the opportunity by performing in the best possible level.

After reading about the performance of the faculties and the vast amount of resources and facilities available at your university, I have decided that it will be the perfect platform for me to enhance my skills and knowledge during my Phd so that I can use them in my future endeavors to contribute in the upgrading of human knowledge about the cosmos.