



## **SAMPLE SOP FOR MS IN ELECTRICAL ENGINEERING**

From books to cars, an increasing plethora of technologies is giving way to their electrical counterparts. While this transmission looks futuristic and hopeful, it comes with a steep spike in the overall electric power consumption. The impending need for alternative and renewable sources of energy has been one of the factors that motivated me to craft a unique career since my graduation days. I wish to further my understanding of this field and contribute to it through my research career. To this end, I wish to join the MS in Electrical Engineering offered by your esteemed university.

I have been an astute student from my school days, maintaining the same quality excellence in performance during my college studies and job. For me, a bachelor's in Electrical and Electronics Engineering was an intuitive option as it concurred with my aptitude for various gadgets and devices. The course comprised of subjects like power systems, energy systems, semiconductors, and microelectronics, among other relevant papers. From my electives, I mastered programming languages like python and C, along with simulation software like Matlab.

It was the prospects of designing and devising electronic gadgets that incentivized me to this field of study. I have been keen to make use of every opportunity to do the same and combine it with the purpose of energy conservation. This attitude served me well as I completed my capstone project for the final year of my graduate program. For this endeavor, I built a solar energy charging system for car batteries. Electric cars are still catching up with the general public, and traditional fuel engines will remain in use for the foreseeable future. Therefore, even a minor cut in energy consumption will compound to a significant factor in reducing petroleum-based fuels. The innovativeness of my project fetched me many accolades and appreciations from the academic circuit. These encouragements significantly elevated my confidence in my abilities.

My education and projects had a substantial influence on my selection of leisure activities. The big picture of a looming energy crisis became clear to me when I explored various research works by experts. This realization has swayed me into participating in my various awareness campaigns and social programs. Such experiences also helped me associate with like-minded people from other walks of life.

I decided to continue my higher education before making my way into the research sphere. The leading research institutes in India today are searching for candidates with peak creativity, advanced knowledge, and precise skillsets. I believe this to be the ideal for me to progress my academic journey while specializing in a topic that has a great career and research potential.

In pursuit of obtaining a global outlook along with my education, I have been assiduously keeping track of the courses offered by various universities in Canada. It was in these explorations that I chanced upon the Western University. The excellence and standards of the educational provision delivered by the academy impressed me thoroughly. In recent surveys, the academy has been ranked as the third-best in the country for postgraduate education and second in terms of research opportunities. I am sure that I will have a lot to learn from its special programs that prepare the students to head to the research world. Evidently, I hope to acquire plenty of experience from its enriching campus. The welcoming nature and the student endorsement services provided by the university will enhance my academic life considerably. I aim to elevate my industry knowhow by making use of the various facilities, and intermingling with your expert faculty.

I plan to meet my educational expense with the help of a bank loan and have already applied for the same. The documents revealing my loan eligibility and my financial statements have been submitted along with this statement of purpose for your scrutiny. After completing this Master's program, I would like to engage in further research on sustainable energy sources by securing a worthwhile role in a leading research firm. The nature of my exploratory research will be to find alternative energy sources that are feasible for widespread public usage. I am sure that this course will empower me to it. A berth in your esteemed institution will significantly leverage my professional profile.