

Statement of Purpose

My desire to pursue engineering began when I was at high school, where I excelled at Mathematics, and Physics. I discovered my potential in understanding higher mathematical concepts, and developed a strong, enthusiastic work ethic towards learning basic engineering theories before passing Afghanistan's university entrance examination, Kankor. which later helped me achieve a scholarship. After getting admission at Kabul University, Energy Engineering Department, and studying for three semesters, I was shortlisted for ICCR scholarship. And started my undergraduate degree at Gujarat Technological University, Electronics and Communication Engineering department.

Initially living and studying in India was a difficult task but with support and encouragement from my family and my faculty members, I countered my shortcomings, fabulously. Therefore, in the upcoming years, I will be able to cope in any situation and further gain experience in this career of my life, Master's.

In spite of being an Electronics and Communication student, I tried learning Electrical Engineering subjects. In my third semester at college, Electrical Machines subject was taught to us, which I have found extremely helpful in clarifying more advanced electrical subject like Power Electronics, and Power Systems. And due to the interest, which I have for Electrical Engineering, I've decided to pursue my Master's degree in the respected field.

During my bachelor's, I witnessed tremendous growth in my ability to comprehend sophisticated electronic devices, such as Microcontrollers, Advanced Processors, VLSI, and Embedded Systems. I specifically found Wireless Communication, and Digital Communication as fascinating subject in my branch. As I was leaned more towards electronic aspect, we designed and built our final year project based on Atmega microcontroller under the 'House Safety and Security Assistant' title.

The decision to enroll with your institution is driven by the desire to achieve my career goals which are to develop electronic devices, and operate power plants. To realize this, I intend to further engage in comprehensive activities, and research on substantial solutions to the modern challenges and problems in my country, Afghanistan, as well as other territories. After completing my Master's program, I aim to seek opportunities to further advance my experience level, and become a means for the progress and development of my society.

Regards,

Mohammad Jawad Ahmadi