

Statement of Purpose

I would like to introduce myself as [REDACTED]. I am pursuing my bachelor of Engineering in Electronics & Communication from [REDACTED] College of Engineering an esteemed institution affiliated to [REDACTED]. It is one of the premier learning institutions in India, a knowledge affluent zone, producing hundreds of electronic intellects every year. I was always eager to pursue graduate studies in a highly advanced learning environment, such as the programs offered by your graduate school. If I am fortunate enough to join some of your streams, I believe it would be one of my most significant cornerstones for my career pursuits.

I have succeeded in maintaining a high standard of performance in my academics right from my early years at school. I secured 87.05% in my SSC scoring highest in math and science with 80% & 92% respectively. Science being my subject of interest from school, I have actively taken part in various Science and Math Olympiads, exhibitions, debates, group discussions and quizzes. A fascination for science and keen interest in the ever-growing world of technology motivated me to take up Engineering.

I took Electrical & Electronics as my major in my undergraduate degree studies for it offered me numerous choices of specialization. During these 3 years I learnt Subjects like-Power Electronics , Power systems, Electrical distribution system, Power System operation & control. Electrical Measurements, Electronics Devices & Circuits, Pulse & Digital Circuits, Programming in C & c++, Control Systems, Antennas and Propagation, These subjects provoked my research instincts so I decided to pursue a graduate program leading to a research. Having high-spirited motivation for graduate studies and the right mindset to pursue and realize determined goals, I anticipate a great future and career ahead, in the realm of Electricals.

I believe that experience plays a key role in one's career. I was lucky enough to be guided by Mr. [REDACTED], a senior Professor & Project Manager (12years Experienced) at [REDACTED] ([REDACTED]@gmail.com). Who gave me an opportunity to work on a live project bearing the title "EFFICIENCY OPTIMIZATION CONTROL OF INDUCTION MOTOR BY USING FUZZY LOGIC". As soon as I completed my fourth semester I joined SOFT MERCHANTS company (www.softmerchants.com) as a part time trainee engineer for five months. Our team consisted of five other members. Here I learned how the sub division system of a huge company is integrated under a common head, so that the system works smoothly and leads to a resourceful outcome. Although I programmed on a small part of the huge system, I played an important part as a team member who was always ready for extra work. The most challenging aspect however was the pace of the learning, which was immense. This experience had tuned me to the workings of a large corporate and has also polished my technical skill. But the greatest advantage of involving myself in these activities was that I developed the ability to multi-task effectively as I had to manage both my academics as well as my work.

I undertook another project work in an organization called Krest Technologies after I completed my fifth semester for a time period of two months. The title of the project was "Implementation of Acoustic Echo Cancellation in MATLAB" it is based on IEEE transaction "Performance of Adaptive Filtering" by Yuu-Seng Lau; Richard Harris and Zahir M.Hussain. The purpose was to look into the problem of acoustic echoes that appear in hands-free communication system. This was one of the most interesting projects as I completed the entire project all alone. It was an extremely practical

experience; I realized the importance of communication in my first project whereas after completing this project I realized the importance of good quality communication in today's environment.

Our college had campus recruitment program where all the high profiled companies visit our college and recruit students. I got placed into an esteemed organization called Infotech (www.infotech-enterprises.com) in the area of embedded systems. Our college was among the top ten colleges selected for their selection process across the state. I passed the four rounds of written, group discussion, technical and personal interviews and I was among the 39 people who got selected out of four thousand people who appeared for the company's selection process. This offer has boosted my confidence level as it was a rare opportunity to get a job in the area of embedded systems; but I decided not to take up the job as my first priority is education. I feel that undergraduate study alone does not provide the specialized academic exposure essential to reach higher professional levels in the present day technology driven workplace.

Being a gregarious person I always looked for some activity to keep me engaged and set me thinking. I love being challenged and I've always enjoyed working my way through them. This led me to experiment in a number of cultural and creative activities, winning prizes on a number of events in many activities; especially the one awarded by the Chief Minister of our state for drawing & painting was the most special one as it was one of the first achievements in my life. My role as the School Captain for cricket brought out the leader in me. I acquired the skills of working in groups, interacting with various students and faculty, organizing different events and working under pressure. I have also been successful in giving many paper presentations and short film makings at national level as well. The details of the same are given in my resume. among with these I am also a certified player of cricket I have received training in national level . I have also played so many national level matches representing my state. and I firmly believe in the maxim "live and let live" and for the same reason I have raised funds to provide rehabilitation for the blind children for ITRRODD and also conducted an Eye Camp in our village.

My goal is to achieve excellence in the field of electricals. This field interests me because of the scope for breaking new ground, as well as the vast applications possible. My undergraduate training has given me a strong foundation in the fundamentals. Graduate study in the United States of America is known for its spirit of modernism, technical advancement and standards of excellence. I believe that getting education in a country other than one's own is an education in itself. Living in such an environment with people having similar goals and aspirations is an enthralling experience in one's academic life and is of considerable importance in one's professional career as well. I look forward for graduate study in your university to refine my knowledge and skills in my areas of interest. I believe it will also serve to give direction to my goal of a career as a research professional at an academic or commercial, research-oriented organization. I am confident that my academic capability and analytical skills coupled with my determination and single minded devotion will see me through to this goal.

I fully understand the kind of dedication, perseverance and resolve a graduate program calls for; I believe that I have the ability and willpower to step on this exciting path. Being aware of the excellent facilities, reputed faculty, technical advancement's and a tradition of academic excellence I believe that your University will be an ideal place to work towards the accomplishment of my goal. I hope that my credentials are found worthy of admission with possible financial aid.