

STATEMENT OF PURPOSE

My career aspirations are not childhood dreams but rather a work of consistent absorption of knowledge and learning about the domain . It was all about finding my path and the journey started from my curiosity about electricity (energy) . Growing curiosity and a normal penchant for science ,especially physics and mathematics saw me opting for Electrical and Electronics Engineering. My school education also played an important role in my decision to opt fo Electrical and Electronics Engineering. I was fortunate to have great facilities excellent teachers during my school years. My parents supported my ambitions and enlightened my career aspirations. In college, I saw the vast potential that the field of electrical engineering had to offer and from thence starting my understanding of the domain which slowly and gradually develop the thought of Sustainable energy, whereby we could able to move to more sustainable and clean future.

I completed my diploma in electrical and electronics engineering from the state board of technical education, Kerala , India and bachelor of electrical and electronics engineering from Anna university, Tamilnadu, India. Being a student, both the universities offered me excellent teaching and laboratory facilities. The six years in colleges has inspired me to pursue my goals in the field of electrical engineering. It was at Anna university that I developed a profound interest in Sustainable energy. This exhorts me to conduct a seminar on microbial fuel cell which attained an overwhelmed applause. I have also done my final year project regarding the implementation of a high Voltage gain converter with a voltage multiplier module using solar energy.

With the growing demand for the electricity and keeping in mind the environmental impact, clean energy sources have become crucial for sustainable development. There is an urgent need to shift from fossil fuels based energy sources. Being able to work in the field of non conventional energy is a big opportunity to make a contribution towards building a better tomorrow.

These perspectives and interests about Sustainable energy enrich my career goals and I realize it's essential to specialize in that particular field. But at that moment I felt that its better to achieve some practical knowledge before post graduation as it improves the confidence in me and develops the ability to be independent. Since my profession is skill oriented, practical knowledge is an inevitable factor to became a recognized electrical engineer. This thoughts lead me to work in two reputed firms where I got certain qualities which is valuable for me.

Initially I had an experience of one year from an organization in India itself as a Trainee Electrical Engineer. As a trainee it was the struggling period for me where I have to observe and analyze the work and at the same time I have to improve the productivity for the sake of both company and myself. My enthusiasm in the field of electricity and extreme career aspirations extirpate all the impediments which further made me a successful employee. It is then arise the concern about limited exposure where gradually increase the desire to came out from the comfort zone.so I decided to find job in UAE , where my father and brother has been working so far. Certain job websites facilitate my intention and I got an employment in a well known organization as a General Electrical Engineer. Here I got the chance to develop the leadership quality and also I have learned the art of adaption, execution, direction and implementation. My ability to handle team, manage the technology and most importantly handle the various challenges has won me many awards and recognition in the organization. Our team work experience inculcate the social values and values such as sharing, cooperation, team spirit, compassion and so on to me. As a human who have keen interest in socializing with people from different backgrounds an cultures, I maintained a good rapport with everyone which I met those days. I also utilized my busy times to research more about Sustainable energy and develop my career aspirations of taking master degree in Sustainable energy resources. I also had an option to work as a instrumentation engineer at Nimposs Technologies based in Kerala. Where I was mainly handling the calibration of machineries and equipment's,

After the third employment, I felt that's the time to leave the job and proceed with my ultimate goal and I realize that post graduation is indispensable for the career growth in this competitive world. All of the experience has brought to light the inherent need of constant learning as well as the necessity of innovation and I believe that I have now reached the stage here I must now further enrich my knowledge.

Next step was to choose the place and university for post graduation. Without any confusion I opted abroad studies since I realized the value and importance of international exposure from my experience. I had my option listed as USA, Ireland, Canada and Australia. For a successful future it is essential to acquire good exposure further evokes the thought of breaking down the geographical barriers where I got a strong view to avoid my native nation even though it provides excellent education. Also getting graduated in India again that too in a good university will cost me around 20 lakhs including the tuition fee and living expenses. If I spend little bit extra, I can study in world renowned even with limited experience. One of the key factor in to my consideration for international master degree was the destination that had globally recognized institutions since my ultimate aim is to come back to India, the same reason why I particularly choose the post graduation in Sustainable energy resources, that would give me that competitive edge to excel in my career. I gave up the option of Canada as the programs they offer are in the stream of post graduate diploma. Post graduate diploma doesn't have a good recognition in India when compared to master programs. Ireland degrees are not widely acceptable in India as the duration of the course is one year. According to Indian educational standards a master degree has to be two year, this restricts some of the government institutions and companies to accept it which made me to cut off the option. The living cost hesitate me from the choice of pursuing a masters in US when compared to Australia. The service offered by the Australian universities and support given by the Australian government for international students also attracted me. My research on Australia and one my friend who are studying there helped me to understand more about the system of education followed in Australia. Interestingly, the education offered in Australia is worthwhile and the system follows a practical approach to inculcate knowledge in students. Since the institutions in Australia has international reputation, the graduation from Australian universities find themselves employable in many countries worldwide and the career-oriented education system ensures and develop the skills of students as required for the employers. The multicultural society with people from various countries is also an enthralling factor, where it would be ideal for me as I could easily get along with different nationalities as well as Australian natives. Apart from all these aspects the similarities of weather condition in Australia with India made my decision more obvious.

Having decided to study in Australia, next I have to think about appropriate university that would suit my needs and one which offers a course specific to my requirements. After a detailed research, I found Deakin university and Swinburne university which offers master degree in Renewable energy And RMIT is providing Masters in Sustainable Energy. Here arise a challenge for me to choose one since all the universities has good reputation worldwide. But among all the universities in Australia, RMIT has a unique recognition because of their quality education system. It also has high levels of graduate employability and student satisfaction. RMIT is highly recognized in India and the University has ranked with 5 star rating among the world universities. RMIT offers excellent teaching by qualified academics who have industry experience in the respective areas. Considering the emphasis, RMIT university puts on research and that too by collaborating at an international level, studying here will allow me to gain in depth knowledge and apply it as well. Its a large and culturally diverse organization celebrating the 25th year of successful education support ranked and rated at the top among the universities worldwide.

It would indeed make me very happy if I am selected in this well featured university. This would give me a chance to engage myself in the field of energy engineering in an innovative, creative and

international environment. Moreover, I am confident that the experiences in RMIT university would be extremely exciting, fun and valuable for both my studies and overall general development.

Thank you for considering my request. I look forward to your positive response.

Sincerely,

Akhil Ashok

