**Statement of Purpose**

**Introduction**

My name is Sukhpreet Kaur. I was born on 28th August 1999. At present I am residing at VPO- DhadialaNatt, District- Gurdaspur, PIN- 143507, Punjab, India. My nationality is Indian and currently holding a valid Indian passport and my passport number is U9616560 valid till 27/06/2031.

I have developed an interest to pursue my career in Biomedical sector at very young age. As I always want to pursue a career which not only provide me with good reverts but also with job satisfaction. To fulfil my wish I have opted to study Master of Science Majoring in Biomedical Engineering at University of Technology Sydney. I am applying as a single applicant.

**Education Background**

I completed my matriculation in 2015 with 88% marks from PSEB and Senior Secondary in Medical stream in 2017 with 82% marks from the same board. After that I started pursing Bachelor of Science offered by Guru Nanak Dev University. My bachelor got completed in 2020 with 81%. Now I want to pursue Master program in Australia. India is a developing country and no doubt all standard courses are available in various colleges and institutes but there is lack of opportunities for practical skills. Also, Indian colleges give more emphasis on theoretical knowledge rather than practical skills. So I decided to continue my study from overseas. I attended many education seminars and visited different consultants. After that, I started preparing for IELTS Exam. After taking few months of IELTS Coaching, I have given the English Proficiency test on 4th March 2021 and I scored 7.0 overall and my individual scores are Listening 8.5, Reading 7.5, Writing 6.5 and Speaking 6.0.

**Reasons to go Abroad for Studies**

During my search about international studies, I found that foreign education system is well developed and modernized. The education system in abroad is based on practical knowledge than theoretical concepts whereas the education system in my home country is not so developed and there is lack of practical studies. Also the education system in my home country do not uses updated technology and teaching methods. In addition to it, there are few other drawbacks in education system of my home country like reservation system, roaring fee structure, lack of upgraded teaching methods, lack of practical knowledge etc.

On the other hand, International education system provides realistic environment to the students so that they could better understand the concepts. The foreign educational institutes has world class infrastructure and provides upgraded facilities. The students also get industrial training during their study in abroad. By studying abroad, I will get an exposure to the real world activities and I will seek my studies in professional environment. I will also learn to handle things at personal level and I will also get an opportunity to interact with people from different cultural backgrounds.

After consider all these, I decided to go abroad to experience quality learning environment, modern technology, practical demonstrations and highly supportive facilities. I also feel that pursuing my higher education from abroad will definitely provides me with better career opportunities.

**Reasons to Choose Australia as My Study Destination**

I have chosen Australia over India because the country has become one of the best destinations for International students in today’s time. When capable students look around India for a place to study for an advanced degree they find few top quality programs. There are some main institutions that are providing courses such as GNDU, PTU, LPU, Chandigarh University and many more. All Indian reputed Universities & Colleges demands heavy amount of donation for seats. Reservation quota is also big disadvantage for capable students to get admission in reputed colleges. But the number of students who can be served by these is quite limited. Not only are overseas programs and departments more prestigious, they also have far better facilities, laboratories and a more favourable [culture of research](http://www.thehindu.com/news/national/university-system-should-dwell-more-on-research-says-manmohan/article5512519.ece). Moreover, though, In India study system is good but in terms of getting good marks and it is based on theoretical. So I choose Australia, so that I can develop overall personality and can gather practical experiences on in-hand basis.

The degrees obtained from Australian universities are recognised all over the world as Australian qualification is considered to be of a very high quality. Australia’s higher education industry is well regulated. Moreover, Australia is an advanced country and uses latest technologies and educational skills in delivering education to all students. When comparing Australia with the other countries. Canada, the climatic conditions are harsh to study as it is extremely cold there and in these days most of Students are heading towards Canada so this has created unemployment in Canada. Australia also offers excellent value for money and a standard of living that is among the highest in the world. Living expenses and tuition costs in Australia are considerably less expensive than the UK and USA. The other advantages for this country in the Asia Pacific Rim include paid internships while studying. Moving on to New Zealand, it offers diploma courses which are not much suitable for my academics. Lastly talking about UK, many universities are losing their reputations due to bad money scams. Beside this cost of living in UK is quite high in compare to Australia so it’s not a better option for an international student

Also, Australia has world’s top ranking universities. The faculty of the universities and colleges in Australia is highly qualified and offer professional as well as industry relevant knowledge to the students. Thus I choose Australia, so that I can attain globally recognized qualification and develop an overall personality.

**Why I choose University of Technology Sydney?**

After finalizing Australia as my study destination, I started my search for the best universities in Australia. Australia has number of universities offering quality education and I have searched about few of the universities which as University of New Castle, University of Sunshine Coast, Southern Cross University, Griffith University etc. but I have found the University of Technology Sydney will be a best option for my studies. I have searched about the courses, services and the fee structures of these universities. Among all these universities, I finalized University of Technology Sydney because of the course availability and the course contents are also better than other. It is among top ranking universities of Australia and is considered as one of the best technical universities. University of Technology Sydney is offering the wide range of programs to the students. The staff is also highly experienced and provides personal assistance from the teachers. Also, it has highly cooperative study environment and the students get services like academic and career support. The university is well equipped with the resources that students require during their study period.

**Why I choose Master of Science Majoring Biomedical Engineering?**

I am interested in Biomedical Engineering as a field to pursue my career in. I find its unique mix of Engineering, Medicine and Life Sciences very exciting. It is a fast growing area with tremendous potential for research and also an increasing number of applications in today's world of medicine and technology. I am particularly interested in the application of Microsystems technology and the latest microelectronics technology in developing implanted biomedical devices and other medical products. My research interests the design and fabrication of Biomaterials and determining the mechanical, transport and biocompatibility properties of implantable artificial materials and the applications of Biomedical Instrumentation. Biomedical Engineering is a practical degree which equips me with the essential knowledge and skills to impact the health of people and populations. During this degree I will gain a sound understanding of how the human body functions in healthy and how it feel in diseased states, barriers to health care and methods for treatment. This program prepares me to tackle current and future health and well-being needs of individuals, communities, and populations, both locally and globally. This degree from University of Technology Sydney will provide me knowledge and skill to make a fruitful career as well as with a feeling of satisfaction that I am doing something for the betterment of my society and people of my community.

**Future plans**

I am an ambitious person and I have lot of ideas about my future. There is very wide scope of good career in this stream. Individuals who want to pursue their career in the biomedical engineering have various career options. Employment of biomedical engineers is projected to grow 4 percent from 2018 to 2028, about as fast as the average for all occupations. Increasing numbers of technologies and applications to medical equipment and devices, along with the medical needs of a growing and aging population, will require the services of biomedical engineers.

After the completion of my degree I will gain work experience during my post study work visa and thereafter I will return back to my Home country. I will definitely get a good job in my home country as India is developing country and number of job opportunities are generating every day. My international experience and qualification will give me edge over other. Salaries in biomedical sector are quite high. I can earn 8-10 Lacs per annum depending on my job profile. After completing my degree I can work as:

* Bioinstrumentation
* Biomechanics
* Cellular, Tissue, and Genetic Engineering
* Clinical Engineering
* Medical Imaging
* Orthopedic Bio-engineering

**Financial Surety**

My family has sufficient funds to support my study and living expenses at Australia. My family will sponsor my all expenses during my stay at Australia. My father is a farmer and also running a dairy farming. I have a saving of approximately 10 lacs in my father’s account. We also have taken education loan of 15 lacs to support my study.

**Ties to my home country**

The top most reason to me return back to my home country is that my country is developing country and I will get reputed designation in my country as I will have International degree and experience. In Australia everyone have same but in my home country this degree will give me extra advantage in getting good job. Secondly, my family and all my relatives are here in India and they probably cannot migrate to Australia. My family always supported me in my ups and downs. They have savings to support my financials in abroad. Moreover I have promised my parents that I will return back to India after completing my study and I have to keep my promise. Last but not least, I want to serve my parents and country after returning home. So I will assure you that my sole purpose of going to Australia is to complete my degree.

**Accommodation**

I have searched about the accommodation in Australia and I have found that there is number of options available where students can take on rent an apartment and share it with other students. I have searched rented apartments through various sites like [www.student.com](http://www.student.com),[www.urbanest.com](http://www.urbanest.com), [www.realestate.com](http://www.realestate.com),[www.flatmates.com](file:///D:\ARJUN\SOP%20AVS\www.flatmates.com%20) and many more. In my search I found that I can get an accommodation on rent on a weekly rent of 300-350 AU$. I can also share my accommodation with other students which will eventually reduce the rent. Even I have planned to do the same. I can also share the rented apartment with other students.

**About Relatives in Australia**

There is none of my relative lives in Australia. Hopefully I am the first one who will travel to Australia.

**Visa Conditions**

I am aware of the visa conditions in Australia where

* I should maintain satisfactory attendance in the course and course progress for each period as required by the education provider.
* I must maintain adequate managements for health insurance.
* I should not work more than 40 hours per fortnight.
* I must remain enrolled in a registered course.
* I should update my address.

***I hereby declare that the information provided in this statement of purpose is correct as per my knowledge.***

**Regards:**

Sukhpreet Kaur