

Statement of Intent

There's a saying that "The road to success is always under construction". I simply can't disagree with it. Achievements and accomplishments, however big or small they may be, define how successful a man is with his life. For me, true success is to guide myself to attain the highest goals. My biggest achievement of my life is being a **Civil Engineer**. Civil engineering is one of the most interesting engineering subject there is. Its implementation in professional practices have to be accurate and efficient in order to make cost effective durable structures. But for this kind of proper professional practices, it seems to me that the lessons we have gained during our undergrad courses is simply not enough. There are lots of aspects and advanced knowledge of this subject are yet to be achieved if I want to consider myself ready as a professional Civil Engineer in field. My country is progressing and I want to contribute to this continuous process. And I think a graduate degree from prestigious University of Manitoba will definitely help me to along.

"Shelter" is one of the most basic needs of mankind. People need roof over their heads to lead a normal livelihood. Ever since I was little, I looked up to these "shelters" (residential houses, high rise buildings etc.) and wondered how on earth they were being made! I asked people around me and I always got one answer, "that's the work of a civil engineer". But I didn't know what it meant back then. As I grew up, I get to see how buildings were being formed, how engineers observed steps of direction and manages everything to put up a structure out of nowhere! I was amazed to see how this complex task was being put together by a couple of minds. Hence grew my interest in civil engineering and after High school, I decided to attain my bachelor's degree in Civil Engineering from Islamic University of Technology (IUT), one of the most renowned and the first international engineering university of Bangladesh. During my undergrad studies, I was acquainted with distinctive divisions of civil engineering, one of them was **Construction Engineering and Management**. It teaches us about the activities and issues of planning, financing, procuring, constructing and managing the surrounding environment to effectively deliver and manage the capital facilities of an infrastructure. So I took an instant liking to this branch of Civil Engineering. Beside my curriculum, I started learning Microsoft Project on my own, by watching instruction videos from YouTube. I also took a fascination to watch numerous documentaries about Mega Structures on National Geographic and Discovery Channel over and over again. So when I finally had the opportunity to pursue on this topic on a larger scale, I didn't hesitate to take "*Construction Engineering and Management*" as my undergraduate thesis research. I had my research on "**Factors affecting Labor productivity of Construction workers in Bangladesh**". It was primarily focused on detecting the positive and negative factors at a construction site affecting labor's productivity based on their responses collected via Questionnaire surveying. All these things heightened my desire to get myself specialized in the field of Construction Engineering and Management in order to become an expert and efficient construction manager in the field of Civil Engineering.

As I was exploring universities in Canada, the curriculum for Construction Engineering and Management at the Civil Engineering department of University of Manitoba (UoM) caught my attention. After going through the university's website thoroughly, having discussions with alumnus and current students of UoM and also with the supervisor and professors from my country, it seems to me that

- This university helps its students to focus on the right combination of technical and management skills in order to face real life challenges in the field of Construction management.

- This university has strong network with industries, professional institutions and government, as a result, it introduces the students to the variety of managerial functions in the modern construction industry and prepares them for positions of leadership and responsibility within industries and governmental organizations.

I think these factors coupled together have made “University of Manitoba” to be the appropriate university for me to pursue my higher studies in Construction Management and Engineering.

Now as I’ve mentioned before, the construction sector of Bangladesh is far behind than most of the countries of the world. There are only a handful companies who are willing to apply modern and advanced methods in their construction projects, but due to lacking of proper expertise, their ideas remain as wishful thinking only and management system for construction of any structures remains poor because of inadequate handling of manpower, cost distribution, improper supervision over work, improper work outline and faulty human resource management which causes economic loss due to delay in project completion. For the development of this condition, more advanced and efficient method of construction is required and for which, strategic, efficient, responsible and expert engineers are needed. I see myself as one of those engineers 10 years from now. It is my intention to attain higher studies to get into the depth of construction engineering and management and gather expertise regarding real life conditions so that when I’ll return to my country, I’ll be able to handle construction projects in a more efficient, strategic and modernized way. To fulfill my destiny, I believe The ***M.Eng degree in Construction Engineering and Management at UoM*** will play a very important role. It’ll help me to contribute to the society efficiently and work in a way to expedite the advancement and betterment of the sector of Civil Engineering at Bangladesh as a whole.

Choosing the university which would suit your standard best to achieve your goal in life is definitely not an easy task. I had to go through a lot of options to choose the best one for my career objectives. After going through UoM’s website and realizing its vision and specialization in my prospective field, I can say without a doubt that I will be an ideal candidate to pursue M.Eng in UoM. I consider myself as a very practical person and my understandings regarding any subject are prodded by actually seeing things work. Considering everything, I should say that UoM could be the nucleus to achieve my goals. I’m also confident that in return I can make a perennial contribution to this institution. So it would be a great honor and pleasure for me if given chance to ensue my graduate studies at your highly esteemed university. I am eagerly waiting for a positive feedback from you.

Sincerely,
TAWSIF MOHAMMAD