

Statement of Research Interest

The pressures of population growth and global warming are ever increasing, the civil engineers can help play a major role in designing more efficient structures, as well as planning projects in developing countries. I attract myself to civil engineering because I like the idea of helping to shape the world around me to meet the demands of the future. I hope for a challenging career which I will find personally rewarding and be able to feel that I have given something back to the community.

I complete my graduation program from The University of Asia Pacific in Civil Engineering. My Bachelor's research thesis is titled, "Shear Strengthening of damaged RC Beam using externally bonded steel plate and anchors". We performed experimental and numerical investigation on shear Strengthening to prevent debonding of externally bonded steel plate, where we used ABAQUS software.

After Completing my graduation, I entered in the professional civil engineering field as a Research Assistant at the same university. Though I worked there only for 6 months, I learned application of civil engineering to our social life through research and also showed me how the theory that I learnt can be easily transferred to a practical application in the labs. Now, I have been working as a structural engineer in a local firm with highly qualified engineering team.

Alongside my academic education, I complete a training program on AutoCAD 2D from coursera.com is one of the leading online training platforms in world and also deep knowledge in AutoCAD drafting and detailing. Additionally, I have excellent knowledge in ETABS, Staad.Pro, Tekla Structure and Revit Architecture.

Besides of my academic life I enjoy playing cricket, basketball and golf. Cricket however is my passion, I started playing for my secondary school eventually captaining the school from year 9 until I left. My main hobby is traveling and biking. I traveled one third region of my country by bike and I hope to go every district in my country. I am also an active blood donor since when I was 21.

My career ambition is to become a researcher in structural engineering and in doing so becoming a chartered civil engineer. In today's society, civil engineering changes people's lives for the better and I want to be a part of that change. I strongly believe that my flair for science, combined with my enthusiasm for problem-solving and overcoming difficult challenges will allow me to excel in this course. I have confidence that engineering is a field where I can apply my skills best and fully realize my potential.