



## Statement of Purpose (PhD in Australia)

A protean engineer, I have strived with self discipline to present research that goes well beyond a single engineering domain; accruing esoteric scientific knowledge. Hitherto, amplifying my analytical and quantitative skills over the past 17 years in Sri Lanka and in Singapore, where I was on permanent residency status for five years.

Being amongst the top 1 % of Science students during my higher secondary school studies and receiving a free Bachelors and Masters Engineering education at the top technical University in Sri Lanka, further celebrated my conviction in conducting ground-breaking interdisciplinary scientific research. My collaborative research paper on quantifying the impact of Sri Lanka's Apparel Industry on the local environment; a first of its kind study in my country, was even nominated for a Presidential Award in 2020.

I seek advanced research objectives in the realm of Biomechanics and Nano-Technology and to develop AI driven technology with space temporal awareness in context with mother machineries. An academic research objective which I can realize to its fullest potential as a PhD Research Fellow at Queensland University of Technology (QUT), Australia.

It is my earnest intent and with a well derived rationale, to be accepted in a University funded PhD program at QUT. To be able to deploy my knowledge bank and skills to carry out original research in the Mechanical and Process Engineering domain in Australia whilst curating solutions to quintessential problems in the Manufacturing and Industrial sector of the country.

My proficiency as a young science student during Senior Secondary education at prestigious Ananda College (Colombo) was suitably rewarded and I received a fully paid scholarship to study in the foremost technical university in my country; University of Moratuwa (UOM), from where I completed my Bachelor and Master studies while aggrandising my academia and research skills in multiple Engineering Majors.

My innate strength in the analytical and quantitative domain complimented my hard work in scoring "A" (Distinction) for Pure Mathematics and "B" (Very Good Pass) for Applied Mathematics at the advanced level exam: both in my 1st attempt. I earned the distinction of being the fastest to complete my Masters Degree amongst the registered students in my batch.

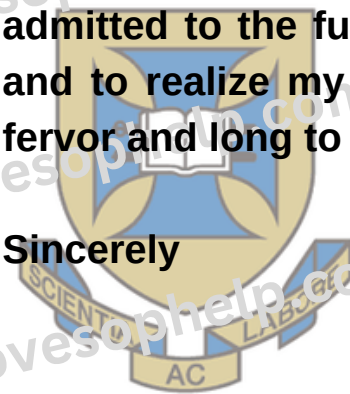
I have toiled extensively to amass expansive knowledge in the interdisciplinary world of engineering and I am soliciting my application for a funded PhD position at the Queensland University of Technology. With ample credence, I believe that my craving to excel in academia will aid me to suffice for extensive research requirements associated with the PhD study program.



I am confident that at the Queensland campus, I will be sufficiently able to inflate my engineering knowledge and research experience in the areas of Computational Mechanics, Bio-mechanics, Computational Fluid Dynamics, and Nano-technology. I am committed to respect the privilege to study under the supervision of subject experts such as Prof. XXX and the association of qualified and supportive academics like Dr. XXX would add profusely to my learning experience. I look forward to bringing my own distinct research perspective to your campus and to have a long lasting and fruitful association with QUT.

A funded PhD program will enable me to focus singularly on my primary research objectives of creating innovative AI solutions for the Industrial Manufacturing Sector in Australia. I, thus seek your approval to be admitted to the funded PhD program at Queensland Technical University and to realize my life and academic ambition that I have preserved with fervor and long to cherish.

Sincerely



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA