

## Personal Statement

**Course applied for:** Doctor of Philosophy in Discipline area: Education / ICT – Rail Car **Manufacturing** – eFactory [Academic Perception [EBOT] among educators].

**Address your research interests and goals and include an explanation of why you would like to undertake this research at the University in Australia in Particular?**

I was a Casual lecturer at Curtin University for 2 years. I was a casual tutor and Demonstrator at Murdoch University for 1.5 years. I worked as a casual lecturer at South Metropolitan TAFE-Thornlie Campus for 5 years. Therefore, I worked for Curtin, Murdoch and South Metropolitan TAFE as casual lecturer and Tutor/Demonstrator for 8.5 years During 1989-2008].

I was a part time High school teacher for two years in Iran. I was a private tutor in Australia during 2011-2016. Which is about 6 years private tutoring to High School and Tertiary Students. I have taught to 80 Australian private students so far. These 16 years experiences as a casual teacher, tutor and lecturer in Physics, Mathematics, Calculus, Computer Aided Design, Statics, Dynamics, Solid Mechanics, and Essay Writing, shows that I love teaching and enjoy seeing my students learn from the knowledge I gathered in my head and as books and my notes in my personal library. I think when I was unable to teach at university because universities failed to provide an adequate PhD supervisor for me, I started studying teaching qualification, because I like to teach.

I studied 6 units in Graduate diploma in education [2000-2001]. I studied Certificate IV in Training and Assessment [10 Units] and achieved that certificate in 2016 from South Metropolitan TAFE competently. During that 6 months course, I practiced teaching and 18 videos of my teaching in AutoCAD, SolidWorks and TurboCAD which are drawing soft wares [Design and Technology major application] are linked to my website under **Engineering Education** tab:

[www.ewindfly.net](http://www.ewindfly.net)

I taught Physics, Maths, Engineering drawing, CAD, Mechanics in High School, College and university levels privately during 2011-2016 to 80 students.

I studied at Edith Cowan University learning course: **Graduate Certificate in Education – TESOL**, and during 2017-2018 I have completed 2 Units: “Understanding English”, and I am waiting for my results for the Unit: “**Using Language**”.

I was going to be a university lecturer, but the university, which I studied my PhD successfully did not provide me with an adequate Mechanical Engineering 2<sup>nd</sup> supervisor, although my results in 6 semesters of study there were always **Good Standing**. Also, in the year 5 of my PhD study, my third child was born with me having a caesarean operation. This operation required me not to put too much pressure on my previous stitches from caesarean by sitting on the chair too long. Sitting and writing PhD thesis had to be avoided. So, with no other option be given to me, I accepted to withdraw, I quit my PhD. Re-enrolment faced with lack of adequate Mechanical Engineering 2<sup>nd</sup> supervisor and retirement of my principal supervisor in 2012. So only in 2018 I can re-enrol in PhD at 4 overseas universities, but with payment of fees to those universities and relocation to overseas.

November 4, 2018

Afsaneh Cooper

I have 5 years experiences as a software engineer, writing 2 software's for mechanical engineering projects. Also, I studied Introduction to computing unit at Central TAFE which is about Excel, MS Word, MS Access, MS PowerPoint applications in advanced level. I studied two short courses in Video editing and image manipulating.

I am a self-regulator learner with the evidence of my three qualifications, one from Australia, two from Iran. Also, the two incomplete courses have helped me to gain research and education experience as well as "reading in English" experience in academic environments. My two universities in Iran had set all our reading and most of our writings in English. However, studying in an English university helped me to communicate in English in a faster rate and for longer time. My ex-husband was born in Australia and I have raised three children to the age of 23-29 and they only speak English. My home language during the last 30 years living in Australia has been English. My 17 years academic study at universities and colleges after high school, with good results is a good estimate to say if there is no unfair assessment I will succeed in the course.

Having experience and Education in Teaching and eLearning, I have decided to combine eLearning, Mechanical Engineering and Renewable Energy expertise I have to produce a novel research for the benefit of the future students, who are ready to take a second step in my research field, but they cannot visualise, understand or cannot go fast in their research studies due to lack of expertise in Australia. eLearning can be a solution for fast Knowledge Management in areas Australia has limited resources such as "Flywheel Energy Storage System", "Wind Turbine", "River Turbine" and "Rail Car". The experience, which would be published by doing this research under supervision of Educational supervisors and Engineering Co-Supervisors from other Universities would change the total Engineering Manufacturing, Assessment and Learning style and would boost up the motivations of engineering faculties all over the world for repeating a successful experience, which can be proved is cheaper, is faster and is practical for engineering Education. To see some of the Phases of my PhD Project which I have completed so far, please type **BT11** in search box of my ewindfly website and download file: **EBOT\_Study Plan**. Also type **BT40** in search box of ewindfly website to see PhD Proposal 4 which is about eLearning:

[www.ewindfly.net](http://www.ewindfly.net)

I feel technical Universities have many research interests in common with me, and specially they love engineering, like me.

*'I declare that this statement is my own work, and truthfully addresses the requested criteria. I understand that my enrolment may be cancelled, and my academic record annotated accordingly, if it is proved that I was offered a place based on false or misleading evidence.'*

Signed: *Afsaneh Cooper*

Date: 4/11/2018