Engr. AFSANEH COOPER

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| --- | --- | --- | --- | --- | --- | --- | --- |
| University of New South Wales [UNSW] | **Disciplines:** | 1. **Mechanical Engineering**, 2. Higher Education- [Research], 3. Project Management   [Risk, QA, QC, ICT],   1. Training & Assessment [Video Conferencing], 2. Computational- Linguistic [TESOL, eLearning] 3. Electrical Engineering 4. Renewable Engineering | | * SolidModelling [CAD/CAM] Optimum Design,eLearning, * Mechanical Battery [FESS], Wind Turbine [VWT], * Rail Car [KERS], * River Turbine [RHKT] * Composite Materials [Nanotube] * Finite Element Analysis- [SimWise-4D] * Total Artificial Heart | | | [flycadeng@live.com.au](mailto:flycadeng@live.com.au)  11 Oct. 2018 |
| **Potential PHD SUPERVISOR’s Portfolio Assessment** | | | | | **CONTACT** | | |
| **School of Engineering** | | | **Course:** PhDEng  Domestic Australian Student | | +61 437 635 038  “Project Chat” with me on: ewindfly website Home Page, bottom right corner, use Jivochat which is installed there. | | |
| **Att: Dr**  Dear Sir  Hi, I am a mature female Mechanical Engineer with 12 years Engineering education in higher degree levels [F.T.] and equivalent to 2 recent diplomas in Training & Assessment, CAD, and Project Management [units]. I have 7 years Mechanical Engineering industry- based research experience [F.T.]. Also, teaching experience in tertiary level. I am interested in studying “PhD by research” at your University, in one of the disciplines listed at the top of this letter.  Since I have completed 3 full time years of PhD course in Clean Electro- Mechanical Energy Storage System in the past, first I try to find a PhD supervisor, who has interest in the following project topics. Could you please respond to the following 10 questions by clicking in the check box for positive response and leave it blank for negative response. Please send this document after you responded to my email address listed on the top right of this document. Yours Sincerely;  **Afsaneh Cooper [Motamedi]** | | | | |
| [**www.ewindfly.net**](http://www.ewindfly.net/) | | |
| Student ID | **5232725** | |
| **Please type in BT9 in the search box of** [**www.ewindfly.net**](http://www.ewindfly.net/) **to see "Afsaneh's Portfolio” then you would see many links to information you need to assess my ability to be a PhD student in: “Mechanical Engineering/Energy Storage/**  **CAD/CAM/FEA/Wind Turbine/eLearning” at your university supervised by you [Portfolio Assessment].**  **To download the files of my**  **“PhD Proposals”, please type BT40 in the search box of above website [ewindfly.net] to see the PhD Proposals 1, 2, 3, 4 [FESS, RHKT, AEV, eLearning].**  **Also, please click on: “Project Management” tab on ewindfly website, then choose eFactory on drop down menu, to see project phases.**  **Further Information:**  **Please also look at some relevant pages in File:**  **EBOT\_Study Plan\_UNSW**  **You would receive attached to an email from me, in a future email.**  **Please text me on ewindfly website home page [using Jivochat] to help you understand this orange box on** | | |
| **Portfolio Assessment of the Potential PhD Supervisor’s Responses for Kick off Phase of the project** | | | | **Check for Yes** |
| **Q1** | eFactory for Flywheel Energy Storage for the Vertical Wind Turbine and Rail Car – Solid Modelling, Simulation and Optimization and Reverse  Engineering | | | ☐ |
| **Q2** | River Turbine / Ocean Turbine | | | ☐ |
| **Q3** | Rail Car Charging Station using above two proposals and regenerative  braking system | | | ☐ |
| **Q4** | Video Conferencing in FESS prototyping to assess my work  by eLearning [EBOT] | | | ☐ |
| **Q5** | Total Artificial Heart [TAH] | | | ☐ |
| **Q6** | Project with Potential PhD Supervisor’s own topic but the PhD Proposal be written by  Afsaneh Cooper | | | ☐ |
| **Q7** | You are available in 2019 for PhD Main Supervision | | | ☐ |
| **Q8** | You can work as Co-Supervisor | | | ☐ |
| **Q9** | Your university allows multidisciplinary Engineering projects | | |  |
| **Q10** | Your teaching is inclusive for senior female engineering PhD student [RPL is required] | | | ☐ |