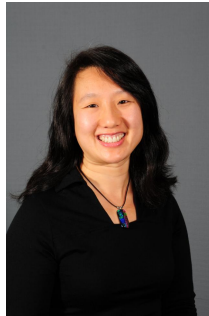


**Name:** Nee Nee Ong

**WIE National Committee Position:** Electrical College Board Representative



### **Education, Experience & Achievements**

After graduating from electrical and electronic engineering I worked for 2.5 years to 3 years in Singapore as a Facilities Electrical Engineer, managing plant shutdowns and power distribution upgrades. Returning to Australia I have been working in the consulting industry with GHD Pty Ltd as a senior electrical engineer providing electrical design for various high voltage and low voltage power distribution projects for mining, water, infrastructure and building services. Currently I have been able to be involved with feasibility designs, engineering design and commissioning.

### **What led you to choose Engineering as a career?**

I have a vast interest in science, technology and mathematics. My initial work experience and meeting actual engineers sparked an interest. Then it was the thought of actually “building” or “creating” something purposeful that sealed my destination into engineering.

### **What is it about Engineering that inspires you?**

It is the journey of discovery towards that final functional outcome that inspires me. The logical simplification of a complex puzzle is what excites me.

### **What has been the high point in your career to date?**

As a graduate, my first major plant shutdown where I was the lead engineer coordinating all the upgrade works and I was asked to “push the button” of the high voltage switchgear to turn the whole plant power supply.

### **What has been your biggest challenge so far and how have you solved it?**

Managing multidisciplinary teams in a compressed project delivery time frame and with constant design and requirement changes. Broad knowledge and experience of other discipline requirements and work gives better understanding of how to facilitate and manage other discipline recourses. Early involvement of the disciplines, obtaining required information, organisation and constant communication is the key to managing multidisciplinary teams.

### **How have you managed your work and family commitments?**

Prioritise, compromise and sacrifice.

### **Do you have any advice for women who are considering engineering as a career, or for those who are already Engineers?**

The diversity of engineering allows you many options so experience as much as you can before deciding the field, company or industry of engineering you wish to pursue for your career path.