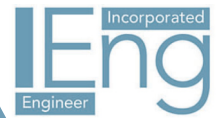




# Case Study: IEng

## Jagdeep Singh Gill



As a Principal Systems Engineer with Jacobs, I work on delivering the Requirements Management, Verification, Validation (V&V) and Assurance for multiple national and international projects.

I enjoy working on groundbreaking projects that redefine urban living and transportation projects. The challenge of meticulous requirements gathering and analysis, combined with leading a diverse team and collaborating with international experts, makes the work very challenging but fulfilling. Knowing my contributions are crucial to the safety and success of these projects gives me a real sense of pride and helps convey the benefits of Systems Engineering to any complex project.

In five years' time I hope to become both a Chartered Engineer and Chartered Project Manager where I hope to lead teams for the development of major programs through the Systems Engineering approach.

### **Congratulations on gaining your Professional Registration with INCOSE UK. What inspired you to apply?**

I applied to demonstrate my competence as Systems Engineer and convey my dedication towards the Systems Engineering profession

### **How did you find the application process through INCOSE UK?**

I found the application process required a large amount of personal dedication and persistence. However, INCOSE UK were very supportive during the whole process and were always quick to respond to any issues which I am very grateful for.

### **Was it challenging to document all the workplace evidence required for the IEng application and did it take a long time?**

The main challenges I found were picking the right evidence for the particular competence. Having had many years of experience and working across multiple industries and projects of different sizes, finding the most applicable evidence required an iterative and incremental approach to get my application to the standard required.

### **How easy was it to track down references in support of your IEng application?**

This took around 3 months in total. This was particularly time consuming as I have moved industries, company and location so tracking down past managers was a challenging aspect!

### **How long did the application process take?**

As I initially applied to be a Chartered Engineer, the whole process took approximately a year. During this time, I also took time out to pass my Systems Engineering Practitioner exam as well as restarting the process for IEng.

### **How did you find the professional review interview?**

I found the interview enjoyable and engaging and the assessors were very personable. I learned many lessons from my initial interview for Chartership which helped tremendously for IEng.

### In what ways has registration benefited your career?

So far it has given me the extra confidence that I am a competent Engineer. I hope once I become Chartered then I can utilise the accreditation as I move into more senior roles going forward.

### Do you have future plans to support others in the professional registration process?

Yes, I have signed up to become an INCOSE volunteer and hope to be part of the professional registration mentoring scheme after I have completed the initial training.

### Finally, what advice would you give to future INCOSE UK CEng applicants?

I would say to keep a detailed summary of all of your previous experiences and what you have

learned, it makes it easier for when compiling your competencies. Also get in touch with your referees early to give them a prompt as obtaining signatures can take time. Lastly during your career, whenever taking on new roles and challenges always have a thought in the back of your mind as to how it can relate to the Professional Engineering UK Spec. Taking a proactive approach will always help to achieve IEng quicker. In addition, attending the regular INCOSE Professional Registration workshops are very useful.

Find out more about IEng and Professional Registration on the [INCOSE UK Website](#).