Design Challenge Head Judge

Basic Description

The Institution of Mechanical Engineers (IMechE) has been at the heart of the world’s most important and dynamic industries since its formation in 1847. As part of our key objectives we run a portfolio of student Challenges that have been designed to help develop professional engineers, inspire the next generation, and encourage innovation.

The Design Challenge gives first and second year undergraduates a taste of the ‘real world’ of engineering by challenging them to design, create, present and run a device to a strict technical specification. A project specification is set nationally each year, with a strict limit on the cost of the device. The project is used by participants towards their degree courses and attracts a host of enthusiastic, intelligent, and practically minded aspiring engineers.

Students compete in local regional competitions between March and April. Regional winners qualify for the national final in October which takes place in London.

We work closely with our industry partners which include Autodesk and Mercedes to help shape and grow the competition. We are recruiting for an enthusiastic and committed volunteer to take the role of a Head Judge of the Design Challenge competition.

Commitment (minimum of 75% meeting attendance in a year desirable – either teleconference or face to face)

- Attend 3 Steering Group meetings per year
- Regular phone calls/emails (when necessary) with IMechE staff and Design Challenge Chair and Vice Chair
- Attend all regional finals (currently 6 IMechE regions take part) to ensure a high standard is maintained
- Attend the final event in October at IMechE HQ

Responsibilities

- Work in collaboration with the Steering Group and IMechE staff to develop a robust, fair, and unified judging procedure for regional and national finals
- Take ownership and lead the judge’s team for the final event
- Provide regular briefings to regional Design Challenge Leads on the judging aspect of the competition
- Provide advice and guidance to the judge’s team when necessary
- Participate in strategy calls to improve the challenge and set new direction

Background/Experience Required

- Minimum CEng qualified
- Experience in STEM Engagement is desirable
● Enthusiastic, happy to work with small diverse group of volunteers and academics; able to ask questions and be questioned by students
● Good understanding of the Design Challenge competition and rules
● Excellent communication skills

*Both, IMechE member and non-member applications welcome*

For more information on Design Challenge please visit our [webpage](#) or consult the 2020 Rules [here](#).

**Opportunities**
● Be part of an exciting competition that is set to inspire, equip and develop the next generation of engineers
● Practice your leadership skills
● Develop your interpersonal and soft skills
● Meet people from other companies, industries and Professional Institutions
● Contribute to your CPD development
● Broaden your professional horizons

**Application Form**

**Personal Details**

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Why are you applying for this role? *(max. 300 words)*

Please include your CV with your submission.

Data Protection

I hereby agree that the details provided to the Institution of Mechanical Engineers are correct. I give consent to be nominated for the position as indicated above and if successful in my application I agree to fulfil the criteria of the position as indicated in the role description document.

Full Name  ............................................................................................................

Date  .................................................................................................................

Signature  ..........................................................................................................

Please submit your application to:

designchallenge@imeche.org

Deadline - 31 October 2020