

RAILWAY CHALLENGE 2020

Institution of
**MECHANICAL
ENGINEERS**

The Institution of Mechanical Engineers (IMechE) invites you to participate in the **Railway Challenge**.

The Railway Challenge provides a brilliant opportunity for aspiring university students, apprentices and graduates working in industry to compete in a demanding challenge, showcasing design, technical and business skills in a live-test environment.

Participants are required to design and manufacture a miniature (10¼" gauge) railway locomotive in accordance with a set of strict rules and a detailed technical specification.

WHY PARTICIPATE?

- Gain practical hands on experience
- Develop and demonstrate technical, engineering design and manufacturing skills
- Learn and practice key soft skills such as team-working, time management, project management, budgeting and public speaking
- Develop connections and network with like-minded students, apprentices and young professionals
- Network with potential future employers

Locomotives will be tested live at the competition weekend in June at Stapleford Miniature Railway in Leicestershire.

Registration for the 2020 competition opens in September 2019.

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I liked the fact that it's a full project compressed into 6 months. It encompasses design, analysis, prototyping, building and testing all into one project in a relatively short period of time. As an electrical engineer, it was also great to have the collaboration between mechanical and electrical engineers on the same project. I really enjoyed the atmosphere at the competition too, everyone was so friendly and always willing to help each other. Perhaps most importantly, I made some great friends along the way (both in my team, and from other teams)'

2018 Railway Challenge Participant

For more information
visit our social pages



#imecherailwaychallenge

or email us at:

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