

Consider a career in the Engineering Sector

Engineering is about solving problems, designing things and improving things. As an engineer, you could tackle some of the world's most pressing problems - from dealing with cyber security and maintaining clean water and energy supplies to finding sustainable ways to grow food, build houses and travel.

You could choose to work in any one of the sectors listed below :

- Aerospace & aeronautical • Biomedical • Chemical • Civil & structural • Electrical & electronic • Energy
- Marine • Materials • Mechanical • Production & manufacturing • Software and computing

Many types of engineering are employed in helping communities affected by disasters like earthquakes, tsunamis and avalanches. From designing equipment and technology used to find and rescue victims, to providing shelter and transport networks, restoring electricity and sanitation and creating medical devices, detection systems and buildings that can withstand extreme pressure, **engineers save hundreds of thousands of lives**

You could be involved in developing the following :

- Artificial limbs for the injured and medicine for diseases like Ebola
- 3D games consoles and solar powered laptops
- Make-up that automatically matches skin tone
- Systems to reduce the risk of flooding
- Driverless vehicles and spacecraft for future tourists
- Smart fabrics with in-built digital technology
- Supercomputers that predict the effects of climate change

