

INTRODUCTION

We are the fastest growing engineering Institution in the UK with members working at the heart of our most important and dynamic industries. Their contribution to the fields of energy, environment, transport, medicine and space will help us to meet the challenges ahead.

These challenges are real and complex but we have an understanding of what they are and a vision of what can be done about them:

Energy

Worldwide demand for energy is growing rapidly, our resources are finite and the environmental impact is increasingly apparent. How we produce and consume energy is one of the most important issues facing society today.

Environment

The world's climate is changing - the frequency of severe weather we experience is increasing. Our technology and infrastructure will need to adapt to cope with climate change and we need to minimise the pollution and waste that contributes to global warming.

Transport

Mass migration and the impact of a growth in transport demand means we need to make our transport easier, cleaner and safer. That means developing a better understanding of customer demand and capacity constraints and taking into account the total transport costs of different transportation methods.

However daunting these issues are, there is one group of people uniquely equipped to help us meet the challenges ahead: ENGINEERS

We have a proud 160 year-old heritage as the home for professionally registered mechanical engineers. Today we are a campaigning organisation working alongside leading companies, universities and think tanks to create and share knowledge and provide government, industry and the public with fresh thinking and authoritative, impartial advice.

Not only are we doing our part to promote the profession and the valuable work done by our members, we are also striving to secure the future of the engineering profession by finding and nurturing new talent as well as helping existing engineers to develop and build their careers.

Read on to find out how you can become a part of our Institution...

A
CLASS
OF
ITS
OWN

CLASSES OF MEMBERSHIP AND REGISTRATION

The Institution of Mechanical Engineers has designed its classes of membership and has levels of professional recognition to match an engineer's development.

You can become a member from the start of a college or university course, through your professional development after graduation, eventually leading to full registration as a Corporate Member or even a Fellow.

WHAT LEVEL OF MEMBERSHIP IS RIGHT FOR YOU?

Affiliate

Anyone who is engaged in or has an interest in mechanical engineering, including undergraduate students and apprentices can become an affiliate member.

Associate (AMIMechE)

Associate membership is for any graduate with a suitable degree in engineering or an STEM (Science, Technology, Engineering, and Mathematics) subject. To find out if your qualification is recognised, visit the membership section of our website:
www.imeche.org/membership

CORPORATE MEMBERSHIP

Each level of our corporate membership follows the requirements set out by the Engineering Council (UK). Engineers who can demonstrate the appropriate level of knowledge and skill can become a member, either as an Engineering Technician, Incorporated Engineer, or Chartered Engineer.

Engineering Technician (EngTech)

EngTech membership is a level of professional registration for engineering technicians who use proven techniques and procedures to solve practical engineering problems. You don't need any formal qualifications but should be able to demonstrate knowledge and technical skills to around NVQ/SVQ level 3 or similar.

Incorporated Engineer (IEng)

Incorporated Engineers often work in operational roles, maintaining and managing applications of today's technology at the highest efficiency. As an Incorporated Engineer you need a thorough and detailed understanding of technology in order to exercise independent judgement and management on a professional basis.

As well as having the necessary skills and experience, Incorporated Engineers should be able to demonstrate knowledge to Bachelor degree level.

Chartered Engineer (CEng)

Chartered Engineers are involved in developing solutions to engineering problems using new or existing technologies, either by innovation, creativity or change. In your role, you might work to develop new technologies, introduce new and more efficient production techniques or pioneer new engineering services and management methods.

Chartered Engineers need to show learning to the equivalent of a Masters degree, in addition to having the appropriate skills and experience.

Fellow

Anyone who is eligible to or is already registered as EngTech, IEng or CEng can apply to become a Fellow, as long as you can demonstrate significant individual responsibility, sustained achievement and exceptional professionalism during your career.

WHY CHOOSE PROFESSIONAL REGISTRATION?

Professional registration is essential to achieving a successful engineering career. EngTech, Incorporated Engineer and Chartered Engineer status are an endorsement of our skills, competence and professionalism. They also demonstrate a serious long-term commitment to your career.

The professional designation for our members, MIMechE, is recognised throughout the world as the quality mark of mechanical engineering excellence so you can be sure your colleagues will know you have reached the highest national and international standards.

If you join as a Chartered Engineer (CEng) you also have the opportunity to apply for the European designation Eur Ing.

WHAT WILL YOU GET IF YOU JOIN?

CAREER DEVELOPMENT

We can help you whatever stage you are in your career. Whether you're at college or university, working towards gaining a professional registration or just wanting to keep your engineering knowledge and skills up to date, there is something here for you.

Initial and Continuing Professional Development

Initial Professional Development builds on your existing academic qualifications to give you the skills and experience which will ultimately lead to registration as an Incorporated or Chartered Engineer.

Once you are professionally registered you'll have an obligation to carry on a programme of Continuing Professional Development. Typically this might involve keeping up to date with the latest advances in the profession, developing a deeper knowledge of specialist areas, broadening your knowledge over the wider engineering spectrum and improving general knowledge and management skills.

While we don't scrutinize the content, approach or effort you put in to your development we do offer advice and support.

Whatever training and development you undertake we recommend that it should be relevant to your needs and enhance your skills. It can be carried out on the job, through courses and events, by private study or any other appropriate means. However you do it, we have the resources to help you.

For more information, visit: www.imeche.org.uk/profdev

Monitored Professional Development Schemes

Monitored Professional Development Schemes (MPDS) are the Institution's approved and quality assured path for graduate engineers completing their initial professional development. We accredit company training schemes to ensure that developing engineers are provided with the opportunities, monitoring and feedback in the workplace to make a successful application as an Incorporated or Chartered Engineer.

Visit our website to find a list of all companies who run an IMechE accredited professional development scheme.

Member events

We organise technical conferences, seminars, workshops and social functions for the mechanical engineering community. These will help you keep up to date with the latest developments in the industry, allow you to meet fellow engineers, and provide you with opportunities to exchange ideas and learn from experts in your chosen field.

Designed by engineers for engineers, both members and non-members are welcome to attend, but substantial discounts are available for our members.

INFORMATION

As a leading professional engineering body, the Institution of Mechanical Engineers prides itself on the wealth of information it has at its disposal. This information comes in many forms and our members can access it for any purpose, be it as part of fact finding project relating to your work or just in a bid to keep up to date with the latest advancements in your industry.

Library and information services

All our members have access to a wide range of personalised information services which can help you with both personal and professional development.

Our library staff can answer brief enquiries or carry out in-depth research free of charge, providing you with the information you need both quickly and cost effectively.

The library catalogue with over 70,000 references to books, conferences, seminars, lectures, journals and abstracts for the Institution's technical papers is available online at: www.imeche.org/library. Postal loans are also available for all library items (EU only).

A free virtual library means you can easily access a range of engineering literature and data services from your desktop. Access is available from our exclusive online member area at: www.imeche.org/imember

Contact a member of the library team:

T: 020 7973 1274

E: library@imeche.org

Or visit them at 1 Birdcage Walk,
from 9.15am to 5.30pm, Monday to Friday.

Professional Engineering Publishing

Professional Engineering Publishing produces a range of magazines, journals and directories to meet the needs of industry, the academic community, researchers, government organisations, policy makers, libraries, consultants and individual engineers throughout the world.

All our members receive Professional Engineering (PE) every fortnight. With a broad range of news, views and appointments PE is a must read magazine for engineers from all disciplines.

Details of all journals and magazines and an online bookshop can be found at: www.pepublishing.com

Institution news

Agenda, the Institution's news magazine is distributed to all Associates, Members and Fellows eight times a year. Full of news, member's activities and with details on conferences as well as national and regional events, it's the perfect way to keep up to date with what is going on.

Mechs is an electronic newsletter, issued four times a year specifically for young members. It features new developments and promotes best practices in the world of engineering. It also reports on Regional and Young Member activities and pays tribute to outstanding achievers.

**FORMS,
FACTS,
FOUND.**

GETTING INVOLVED WITH THE INSTITUTION.

There are many different ways you can become actively involved with the Institution and its activities. Whatever the original reason for becoming involved, those who do find their careers benefit, not only from the skills they develop, but from the relationships they make with other engineers in their field. You can also make a real and valuable contribution to the engineering profession as a whole.

GETTING INVOLVED WITH THE INSTITUTION

Regional and International activity

IMechE has a worldwide network which delivers an exciting range of high quality activity for local members. Our Regions organise technical lectures, visits, professional skills training and social events so you can get more out of your membership, whether it is gaining specific knowledge related to your job, or having the opportunity to meet like minded engineering professionals.

In the UK, these activities are arranged by active members based in 15 regions, with some more locally focussed areas.

The Institution is active in more than 120 countries worldwide. International members are supported by a network of eight Branches, nine Joint Groups and 150 Corresponding Members.

For more information, visit: www.imeche.org/nearyou

Young Member Panels

IMechE recognises that young engineers are our future and encourages the Institution's Young Members to become involved on a local and national level.

Becoming involved will help you to work towards becoming a professional Incorporated or Chartered engineer. It also offers you the chance to network with other young engineers, find out about local companies and gives you access to many events relevant to your career.

There are currently 30 Young Member Panels organising activities for young engineers, both in the UK and overseas.

Nationally, the Young Members Board represents the views of young engineers that affect the Institution and the mechanical engineering profession. The Board provides the opportunity for young engineers to have their say and lobby for change.

For more information, visit: www.imeche.org/yms or email: youngmembers@imeche.org.uk

Divisions and Groups

The Institution's Divisions represent the primary industry sectors involved with mechanical engineering and can provide you with up-to-date information on all technical and engineering advancements. Some Divisions also have locally based centres around the UK organising a range of industry specific activities for members.

IMechE Divisions are:

Aerospace Industries
Automobile
Construction and Building Services
Manufacturing
Medical Engineering
Power Industries
Process Industries
Railway

Groups are the technical and scientific areas highlighted within the Institution and incorporate a wide range of industry sectors.

IMechE Groups include:

Combustion Engines & Fuels
Energy
Environment & Sustainability
Fluid Machinery
Thermofluids
Management
Mechatronics Informatics & Control
Pressure Systems
Safety and Reliability
Structural Technology & Materials
Tribology

IMechE Ambassador Programme

The Institution has a wide variety of volunteering opportunities available for its members, from acting as a media spokesperson, to sitting on regional and industry sector committees, mentoring or helping to assess new registrants or supporting a wide range of school and university events.

By becoming an Ambassador you can not only develop soft skills such as communication and leadership which can contribute towards getting a professional registration, but you will also have the chance to network with other engineers and with those from outside the profession.

Our Ambassadors make an important contribution to the engineering profession by promoting it to others, providing intellectual leadership, and inspiring future engineers. Any one can become an Ambassador regardless of your skills or background, all you need to make a difference is enthusiasm, commitment and a passion for engineering.

For more information visit: www.imeche.org/ambassadors

President's Apprentice

Every year, the President's Apprentice scheme gives Young Members the chance to shadow the President and see how the Institution works at the highest level. Past Apprentices have been given the chance to meet senior engineers, enhance their communication skills and contribute to how the future of the Institution is shaped.

SUPPORTING OUR MEMBERS

The Institution of Mechanical Engineers places tremendous value in all its members. For that reason, we choose to support those coming into the profession and our members in times of need in a number of ways.

PRIZES AND AWARDS

We offer many prizes and awards worth in excess of £400,000 every year to our members to support their educational and development needs. This support is designed to help young mechanical engineers to enter the profession and can provide valuable experience for winners through its links with industry.

BENEVOLENT FUND

IMechE's Benevolent Fund is the main charity for professional mechanical engineers and offers financial and practical support in times of need. All members and their dependents are eligible for help which can be for anything from being unable to work due to an accident or illness, having to accommodate special needs and disabilities or lacking sufficient funds for retirement.

BUSINESS CENTRE

Members and their guests can enjoy full use of the Institution's Business Centre. Located on the first floor of IMechE HQ at 1 Birdcage Walk in London, the Business Centre offers members a convenient, centrally located venue to relax, hold meetings or catch up on work. Services available include:

- Two well-appointed conference rooms
- A Reception & Lounge area with access to four fully equipped workstations and wireless internet connection
- Complimentary coffee and tea services
- Complimentary use of telephones (UK calls only)
- Photocopying and fax facilities are also available at a modest charge

To book a meeting room please call 020 7973 1282 or email: businesscentre@imeche.org.uk

Bookings must be made in a members name and the member must be in attendance at the meeting.

The Business Centre is open from 8.45am to 5.30pm, Monday to Friday.