

Update from IHE

**ACED Conference
4th September 2025**

**Lyle Andrew
Chief Executive**



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- Engineering Academy
- Membership
- Professional Registration
- Bursary Opportunity



Introduction to the IHE

WHO ARE WE?



The **Institute of Highway Engineers (IHE)** was established in **1965** and has been licensed by the Engineering Council since **1972**



We are the Institute of choice for specialist **highway and traffic practitioners**



We have expertise in all areas of **highway engineering**



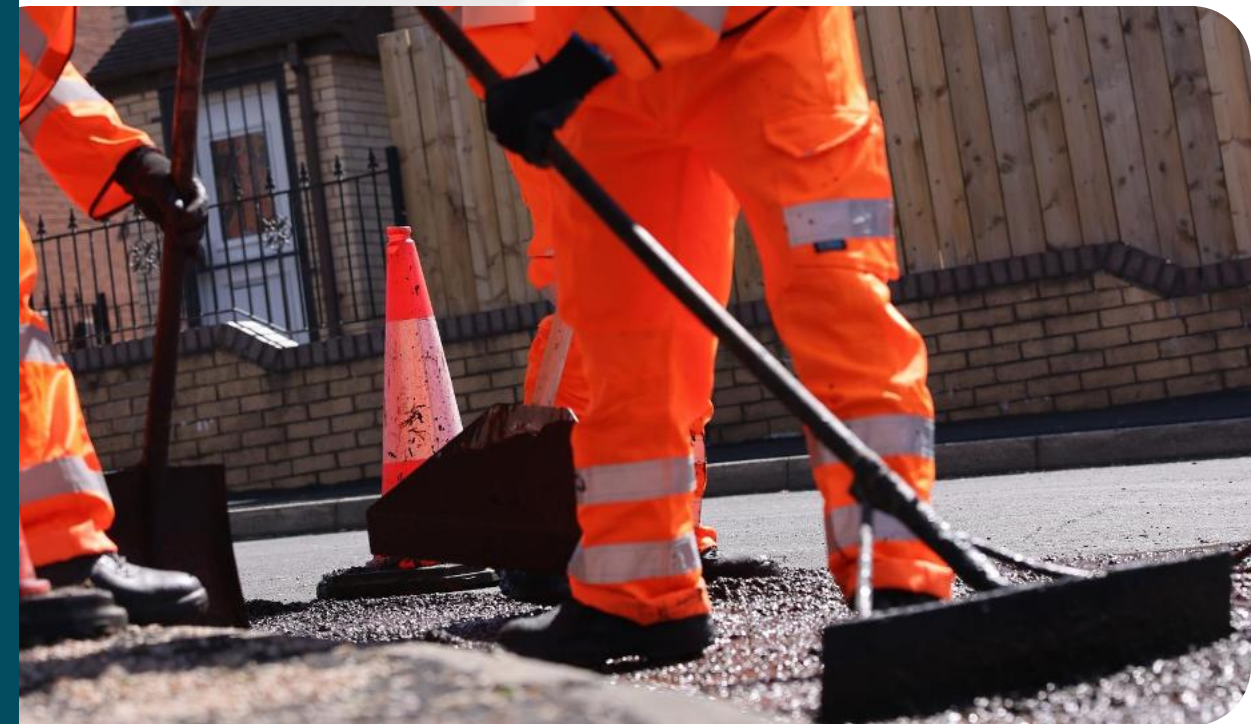
**INSTITUTE OF
HIGHWAY
ENGINEERS**

OUR MISSION

Our mission is to provide professional development opportunities, support and leadership for individuals to achieve and maintain professional recognition.

We are licensed by the **Engineering Council & BCS**, the Chartered Institute for IT to provide Professional Registration.

We dedicated to serving the needs of engineering professionals in the highways sector.



TYPICAL DISCIPLINES



Winter Services



Contracting



Transport Planning



Road Safety



Active Travel



Road Surfacing



Maintenance



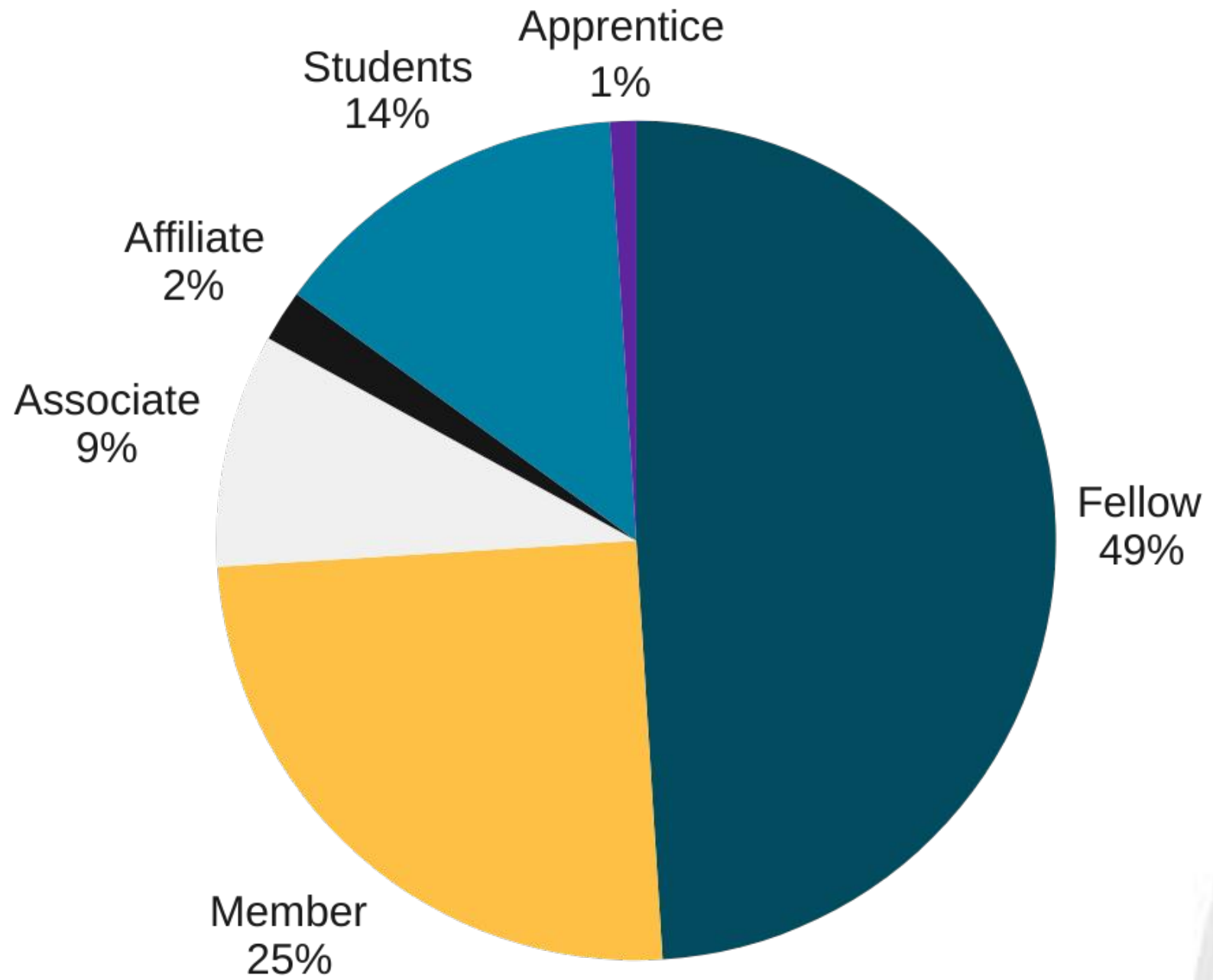
Highway Design



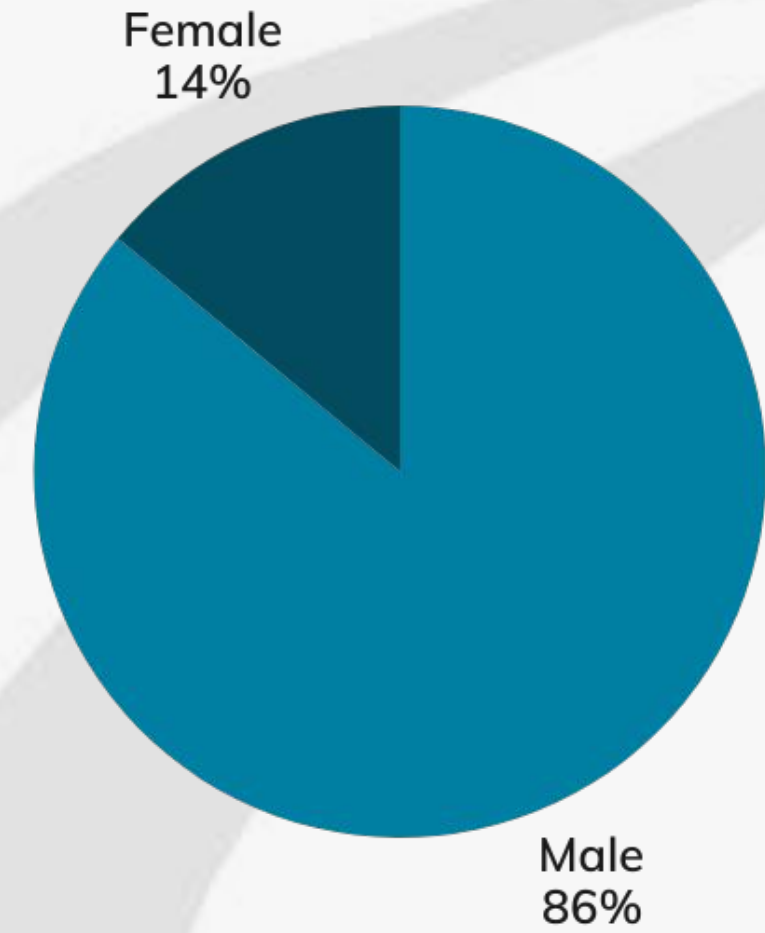
Signals & Signs

IHE MEMBERS

Membership Grades



Gender Statistics



Overseas Members



LICENSED TO PROVIDE PROFESSIONAL REGISTRATION

An internationally recognised standard that demonstrates engineering competence, gained through knowledge and on-the-job experience, to colleagues, employers and clients



Chartered Engineer
Incorporated Engineer
Engineering Technician
ICT Technician



Chartered IT Professional
Advanced Registered IT Technician
Registered IT Technician



ACCREDIT COURSES

We accredit HNC, HND, degree
and MSc courses

As part of the Joint Board of
Moderators (JBM) with ICE,
IStructE, CIHT & PWI)

Check your degree is accredited
using this QR code



AWARD PROFESSIONAL CERTIFICATES & DIPLOMAS

Ideal for individuals who
have been working in the
industry but haven't been
able to obtain an
academically endorsed
qualification.



GUIDANCE NOTES IHE PROFESSIONAL DIPLOMA

Recognising your specialist expertise and competence.

Guidance notes for:
IHE Professional Diploma

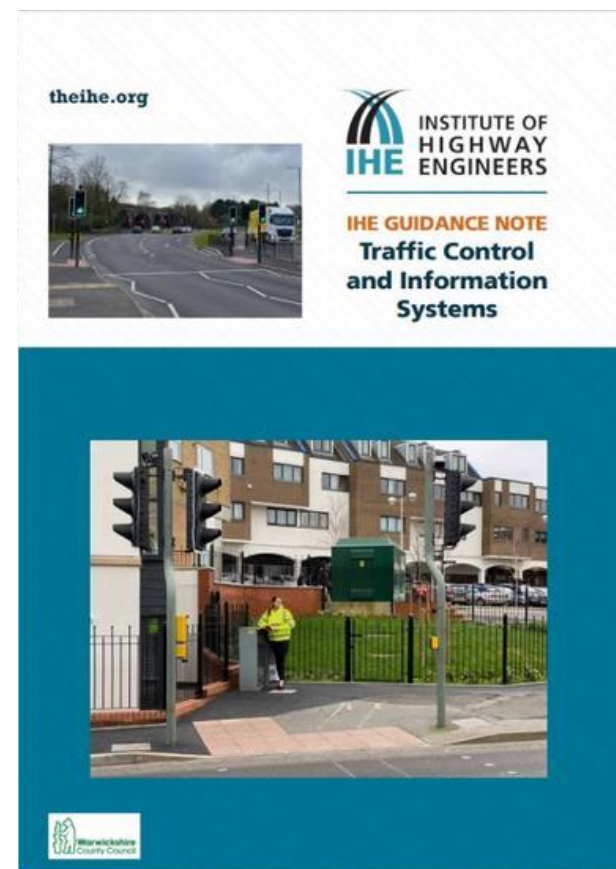
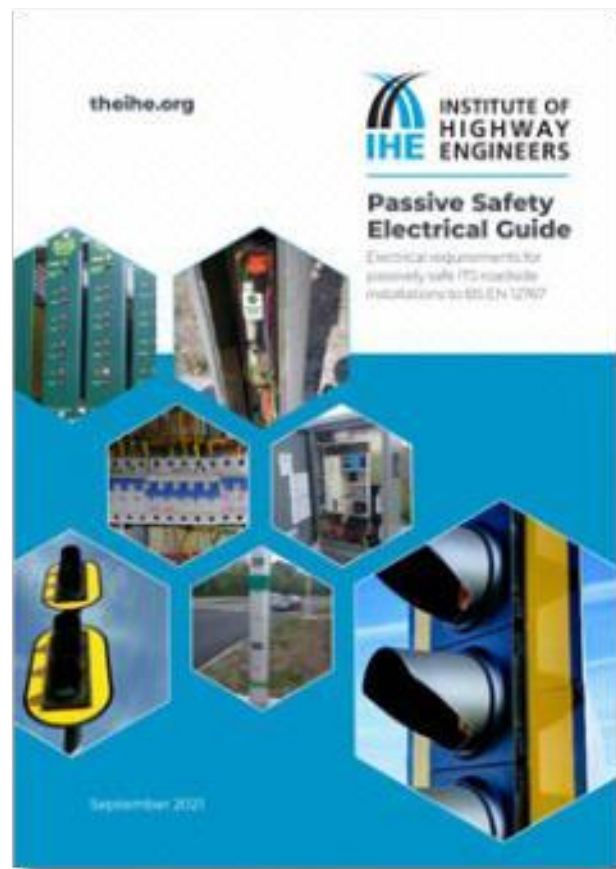


GUIDANCE NOTES IHE PROFESSIONAL CERTIFICATE

Recognising your specialist expertise and competence.

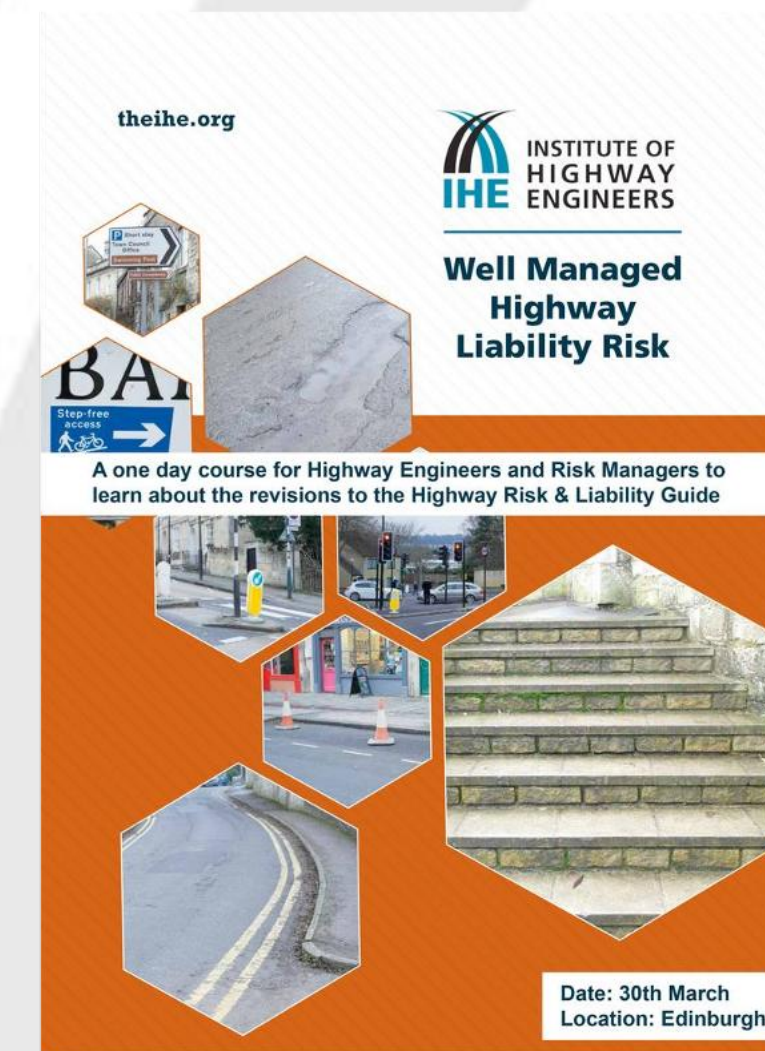
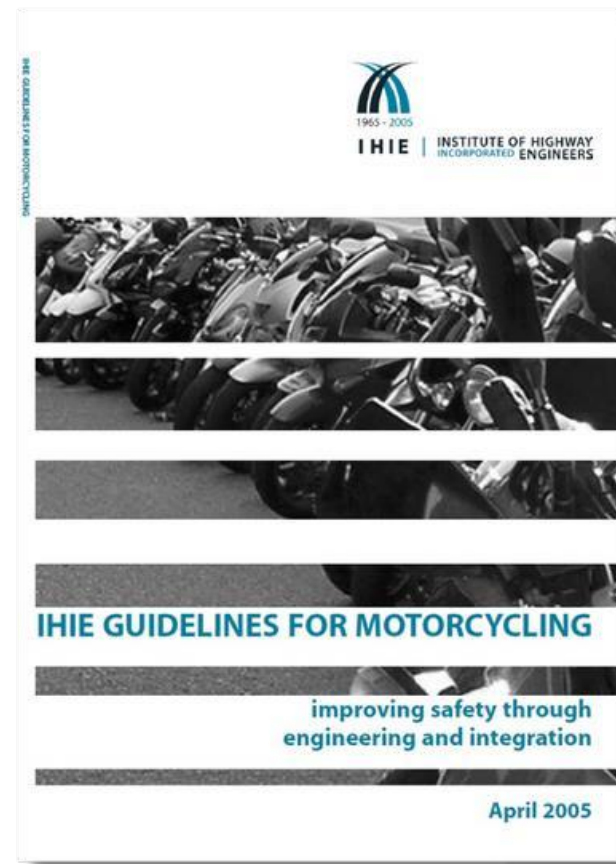
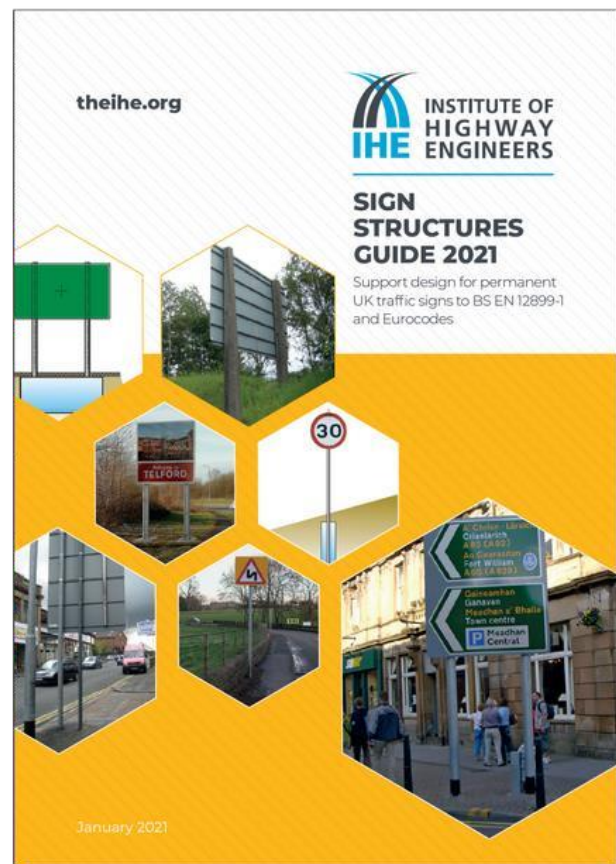
Guidance notes for:
IHE Professional Certificate





OUR PUBLICATIONS

The IHE has published several documents as well contributing to many other important documents used in the highways sector.



REGULAR IHE ACTIVITIES



Online and in-person CPD events, Seminars and Training



A voice at Engineering Council, JBM, APPGs and PACTS



Membership services, communication, queries,
and support



Professional Registration functions including Mentor, Review and
Career Assessment



Governance and policy functions

IHE's Highway Engineering Academy

FIVE KEY OBJECTIVES

Training a dedicated workforce with the specialist skills and expertise the industry needs to build the UK's road network



To create and signpost opportunities for new entrants in the sector



To encourage new entrants into the highway engineering sector



To support existing highway professionals in career development



To commission and create new educational and training courses specifically aimed at highway engineers



To raise the profile of highway engineers and get their career, skills and wider profession recognised

WHAT CAN THE IHE'S HIGHWAY ENGINEERING ACADEMY OFFER INDIVIDUALS?



One Day Courses

To help keep up to date with developments in particular areas



Professional Certificates & Diplomas

Undertake courses at a level to suit your own personal circumstances and academic background



Workshops

If you wish to apply for Professional Registration, we offer workshops to help you prepare your application

EXAMPLES OF IHE TRAINING COURSES



Highway Law Principles and Practice

This course is intended to deliver a broad understanding of the law on Highways (in theory and practice) principally for highway engineers but also for anyone requiring additional knowledge of this area of law.



Introduction to ITS (Online)

This 2 day course aims to provide an introduction to ITS outlining an understanding of the principles of the use of ITS and also provide confidence on the principles and practices of it's deployment.



Traffic Signal Control From Design to Implementation

This course is for managers, engineers and technicians involved in the management, design or implementation of traffic control systems.

PROFESSIONAL CERTIFICATES & DIPLOMAS



Temporary Traffic Management

The only UK course specifically for temporary traffic management designers, engineers and practitioners working in the planning and design of temporary situations on highways.



Winter Services for Decision Makers

An accredited UK course for Winter Services Decision Makers and Managers. This course delivers learning across a wide range of subjects necessary for Winter Service Professionals.



Traffic Signing and Road Markings

This 4-day course provides both a theoretical foundation and practical experience in the design and implementation of traffic signing and road marking schemes.

WHERE DOES IT ALL FIT IN?

NQF/SQF Level	Academic				Career Path	HEA Level	IHE Grade		
8 NQF 10 SQF	Doctorate/PHD						Fellow		
7 NQF 9 SQF	Master's Degree MA, MSc, MPhil				CEng				
6 NQF 8 SQF	University Degree BA, BSc				IEng	Higher Apprenticeship	Professional Diploma		
5 NQF 7 SQF							Foundation Degree	HND	Member
4 NQF 6 SQF								HNC	Associate
3 NQF 5 SQF	A Level	A2 AS	L3 Extended Diploma (National Diploma)	L3 Diploma (National Certificate)	Highway Engineering Academy	EngTech	Advanced Apprenticeship	Professional Certificate	
2 NQF 4 SQF	GCSE Grades A-C or 9-4		L2 Diploma (1 st Diploma)				Intermediate Apprenticeship	Student	
1 NQF 3 SQF	GCSE Grades D-G or 3-1		L1 Diploma (Foundation)						
Entry Level 3	Key Stage 3		E3 Diploma (Foundation)						
	School/6 th Form		FE College		Engineering Council Professional Registration				

Becoming a Member

MEMBERSHIP GRADES



Student



Apprentice (AppIHE)



Affiliate



Associate (AMIHE)



Member (MIHE)



Fellow (FIHE)



MEMBERSHIP GRADES

Your membership grade depends on your experience and qualifications

Student Member

Open to anyone studying a full or part-time qualification in a Highways/Civils/Transportation related subject

Affiliate Member

Open to professionals working in the industry (not necessarily an Engineer)

Apprentice Member (AppIHE)

Open to apprentices working in the highways industry following a formal training scheme

MEMBERSHIP GRADES

Your membership grade depends on your experience and qualifications

Associate Member (AMIHE)

Open in engineers with relevant engineering qualifications and/or 1 to 5 years experience in the industry

Member (MIHE)

An engineer with an accredited degree + 2 years experience
or
An engineers with 10 years experience (3 in a responsible position)
or
Possess EngTech, ICTTech or RITTech Registration

Fellow Member (FIHE)

An engineer with 15 years experience (5 in a responsible position)
or
Possess IEng, Advanced RITTech, CEng or CITP Registration

BENEFITS OF MEMBERSHIP



An internationally recognised qualification



Your route to CEng, IEng and EngTech



A rigorous but fair Professional Review



Enhanced professional standing



Access to members only area and 'MyCareerPath' CPD tools



Career progression/new opportunities

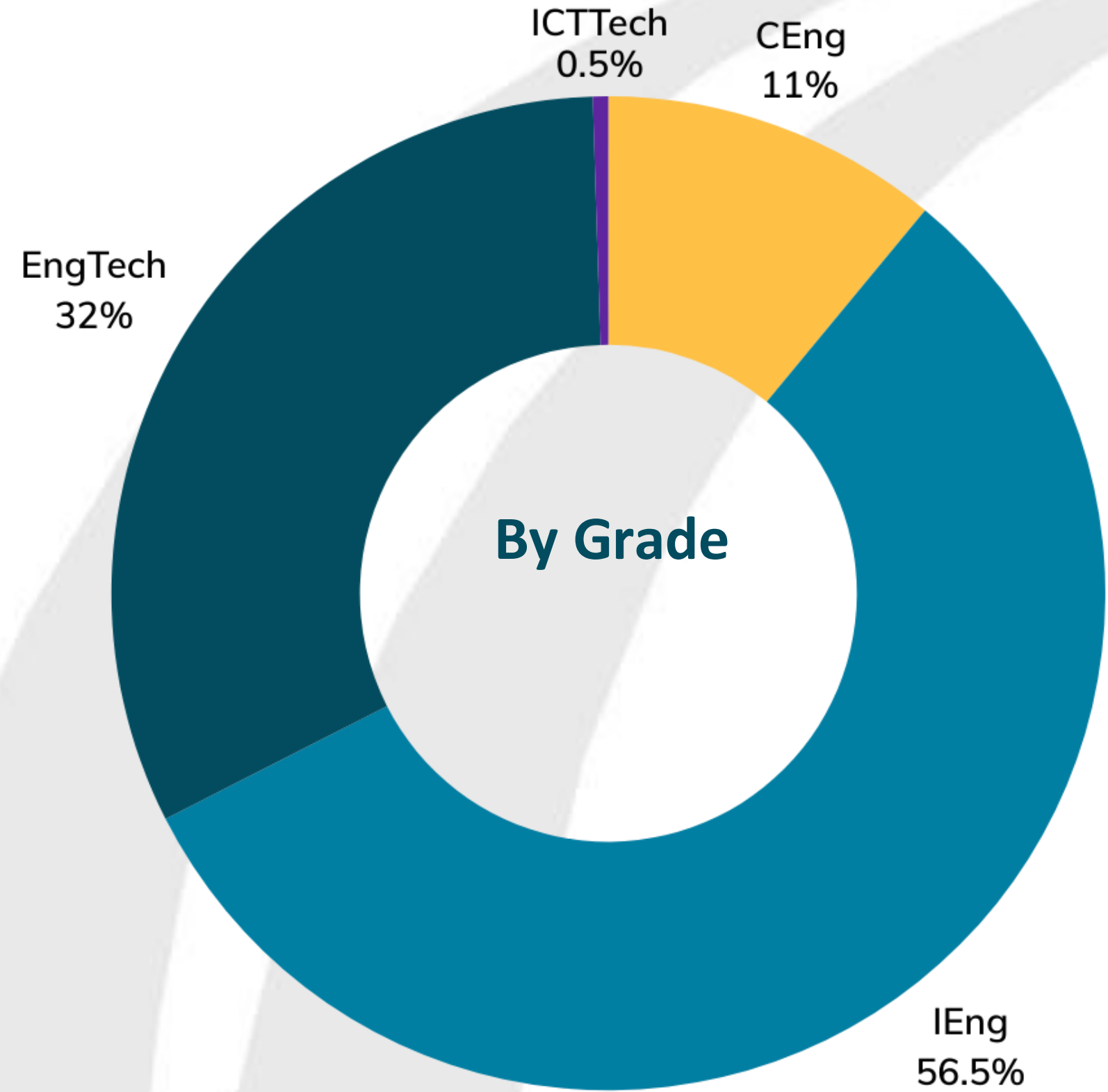
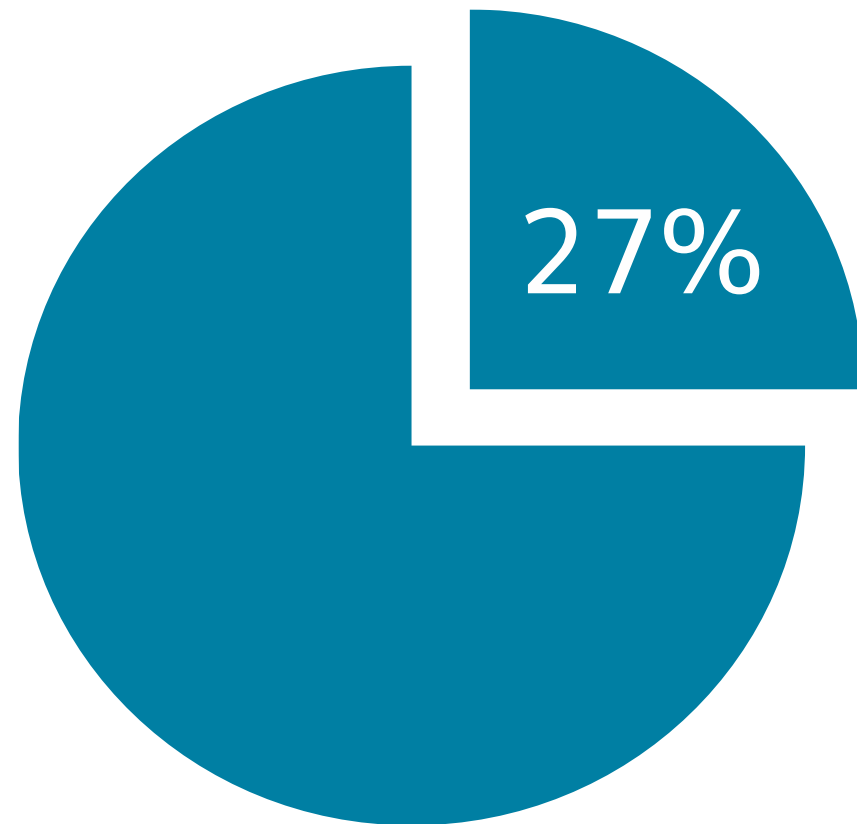


Friendly, informed support

Professional Registration

PROFESSIONAL REGISTRANTS

Professionally Registered



WHAT IS PROFESSIONAL REGISTRATION?

A formal recognition of an individual's qualification, experience & competence



It is a process by which professionals voluntarily demonstrate commitment to high standards

It underpins the systems and processes that ensure the current and future safeguarding of the highways industry.

Is administered by recognised professional bodies or institutions (ie the IHE) on behalf of the Engineering Council.

Currently over **220,000** Professionally Registered Engineers

(Engineering Council 2024 Annual Report)

PROFESSIONAL REGISTRATION

GRADES



Engineering Technician



ICT Technician



Incorporated Engineer



Chartered Engineer



Registered IT Technician



Advanced Registered IT Technician



Chartered IT Professional



BENEFITS OF PROFESSIONAL REGISTRATION TO AN HEI

Demonstrates competence and high standards

Registered status can strengthen grant proposals and collaborations with industry.

Demonstrates value of an accredited degree to students



Ensures you are employing skilled professionals

Helps meet JBM requirements for accreditation

Confidence that curriculum remains relevant through PEI membership, maintaining CPD and contact with wider industry

BENEFITS OF PROFESSIONAL REGISTRATION FROM AN INDIVIDUAL'S PERSPECTIVE

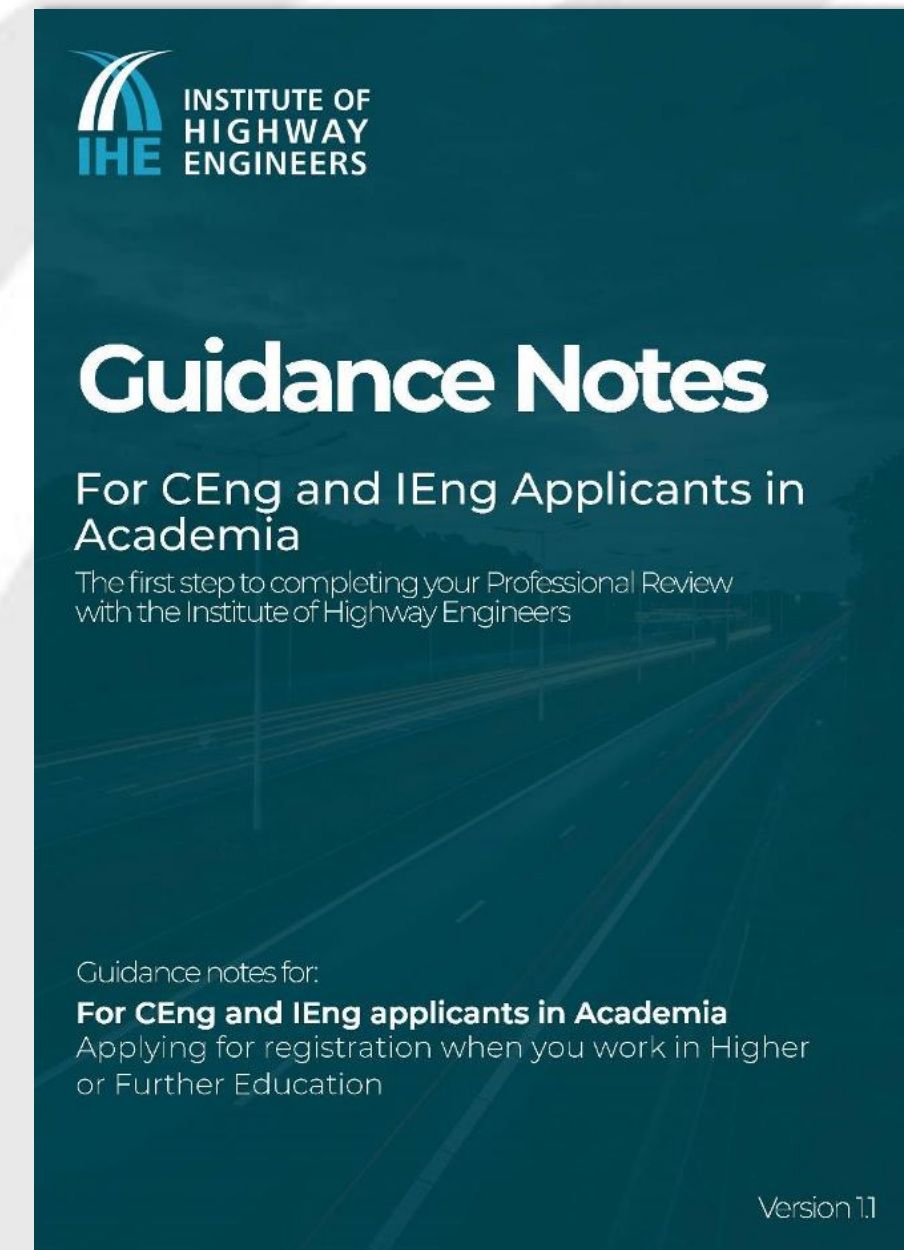
- Attain industry recognition for experience and expertise
- Demonstrate your commitment to professional standards
- Improve your career prospects
- Are entitled to post-nominal letters after your name
- Assures that you're qualified for the task
- Shape the future by participating in committees to influence policies and standards



Registration is open to any practicing engineer or technician who can demonstrate the required competence

GUIDANCE FOR ACADEMIC CANDIDATES

- <https://www.theihe.org/professional-registration/professional-registration-for-academics/>
- Map your academic achievements to the Engineering Council's UK-SPEC requirements.
- Prepare a strong application that reflects your research, teaching, and professional impact.
- Individual Career Assessment available on request
- IHE will provide you with step-by-step support – from application to registration
- **Technicians may also be eligible for Registration to EngTech and count towards the 50% requirement**



IN SUMMARY

Benefits for HEIs

- Demonstrates competence and high standards
- Ensures you are employing skilled professionals
- Helps meet JBM requirements for accreditation
- Demonstrates value of an accredited degree to students
- Confidence that curriculum remains relevant through PEI membership, maintaining CPD and contact with wider industry
- Registered status can strengthen grant proposals and collaborations with industry.

Benefits for individuals

- Gains recognition for your experience
- Demonstrates your commitment to professional standards
- Improves your career prospects
- Are entitled to use post-nominal letters after your name
- Assures that you are qualified for the task
- Help to shape future policies and standards

INVOLVEMENT WITH ACADEMIA



Academic-Professional Partnership Scheme

This is to certify that the Institute of Highway Engineers has entered into an Academic Professional Partnership Scheme with

London South Bank University

IHE President

Director of Professional
Development



Academic-Professional Partnership Scheme

This is to certify that the Institute of Highway Engineers has entered into an Academic Professional Partnership Scheme with

Coventry University

Mr Steve Spender
CEO, Institute of Highway Engineers

Head of School of Energy, Construction
and Environment
Coventry University



PROFESSIONAL REGISTRATION BURSARY

- Closes 12th September 2025
- 4 x £2,500 for IEng or CEng candidates
- IHE members
- Use for training / mentoring / financial barriers
- Eligible for registration
- Support of 2 sponsors
- Complete Professional Registration within 12 months of funding



BURSARY AWARDS AVAILABLE

1965-2025
IHE INSTITUTE OF HIGHWAY ENGINEERS
CELEBRATING 60 YEARS

EARLY YEARS AWARD	PROFESSIONAL REGISTRATION	PERSONAL/INDUSTRY DEVELOPMENT
<p>This bursary aims to assist IHE students pursuing undergraduate or postgraduate degrees in civil or transportation engineering. It encourages academic excellence and dedication to the field.</p>	<p>Targeted at IHE members seeking professional registration at IEng or CEng level. This bursary can be used to cover costs such as training, mentoring, or even childcare, helping members overcome financial barriers in their journey towards incorporated / chartered status.</p>	<p>This bursary supports IHE members in pursuing advanced training, certifications, or innovative projects which will have a positive future impact on the industry.</p>
<p>Award - 3 x £1,000</p>	<p>Award - Up to 4 x £2,500</p>	<p>Award - From £1,000 to £20,000</p>

Apply now at www.theihe.org

All applicants must be a member of the IHE. Full details on eligibility can be found on the IHE website

Thank you for your time

Any questions please contact
membership@theihe.org or visit our website
at www.theihe.org

