

# Academic Partners

Your user guide



Professional Home for Life® for engineers and technicians

[www.theiet.org/academic-partners](http://www.theiet.org/academic-partners)

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# Welcome

Welcome to your Academic Partnership user guide. This guide has been designed to showcase the different ways you can engage with the IET to get the best for your university and students. We have worked closely with our UK Academic Partners to enhance our offering and relationship, incorporating your ideas and feedback.

Academic Partners launched at the start of the 2009/10 academic year, creating a formal platform to increase the IET's engagement with students and academics. The benefits available to you as an Academic Partner have continued to increase over this time and we are keen to keep growing our provision of services. If you have ideas or requests for services you would like to see supported as part of your agreement, please contact me.

This guide showcases how the IET can support you and your department to recruit more students and produce work-ready graduates. We also have a number of marketing opportunities, products and services available to you. Please pick and choose the options that are a best fit for you. We look forward to working with you in the coming academic year.

Kind regards

**IET Academic Partner team**

[academic-partners@theiet.org](mailto:academic-partners@theiet.org)

# Connecting your department with industry

## Professional skills lectures

We can work with you to host a professional skills lecture for your final year students. Each lecture runs for one to two hours and is given by a professional working in industry from our IET partnership community, comprising Corporate, MOD and Enterprise Partners.

### THE LECTURE CONSISTS OF TWO CORE SESSIONS:

- 1 Technical** – providing an insight into the type of work students can expect after graduation.
- 2 Employability skills** – your students will learn to make a great first impression to prospective employers through accurate self-assessment and effective interview techniques.

An optional session - 'making an impact with your CV' can be provided. The IET will work directly with the university employability office and careers department to give your students information on how to create the perfect professional CV.

These events are exclusively for IET Academic Partner departments who have fulfilled their IET student membership criteria. We require six weeks lead time to obtain an industry speaker and a minimum of 35 students must be registered to attend the lecture one week prior to the event. The IET expects your department to advertise the lecture to your students. To enquire about holding a professional skills lecture, please contact your Account Manager for further details.

### NETWORKING WITH INDUSTRY

The IET holds several events every year which are attended by guests from across our partnership communities.

As an Academic Partner, you have the opportunity to attend our Partnership Events and round table discussions, as well as several bespoke events we hold throughout the year. All include excellent networking opportunities with our wider partnership communities.

### SOCIAL MEDIA

As an Academic Partner you have the opportunity to join our LinkedIn group, specifically created as a virtual platform for our Partners to network, collaborate and find out more about IET products and services.

Search 'IET Partnerships' on LinkedIn to join. You can also get in touch with us on Twitter using the hashtag **#IETPartnerships**.



## PRESENTATIONS AND EVENTS

We can provide a wide range of presentations tailored to the requirements of your department, the options include:

### For students:

- membership presentations
- professional skills lectures
- Women's Network events
- industry sector presentations
- IET Career Manager webinars
- professional registration presentations/webinars.

### For academics, researchers and staff:

- partnership networking events
- industry links for advisory boards and course review
- professional registration presentations/webinars
- accreditation support.

Your Account Manager will liaise with you about opportunities for engagement that are tailored to your needs.

To find out more about ways to increase your engagement with the IET, visit

[www.theiet.org/academic-partners](http://www.theiet.org/academic-partners)



## Get more out of accreditation

IET accreditation demonstrates the quality and relevance of your programmes to potential students and employers. In recognition of the significant work involved in seeking and maintaining accreditation, we offer the following support to Higher Education institutions

- help with making your initial application
- a one-day advisory visit, including a report and recommendations
- a training day for two members of staff
- transparent and detailed guidance available online via our bespoke accreditation management system (ADAMS)
- a two-day accreditation visit (normally at least two academics, one industrialist and one member of IET staff)
- the ability to track the accreditation process via ADAMS
- an accreditation visit report and action plan
- weekday access to advice via telephone or email
- a dedicated member of staff for your visit
- an annual report and health check
- advice on the suitability of any new programmes for accreditation
- facilitation of joint visits
- advice on modifying programmes to meet particular levels of accreditation
- advice on aligning programmes and department/university regulations with IET policy and UK-SPEC
- a re-accreditation visit every five years
- advice and support on partnerships and getting your franchised programmes accredited.

To find out more about the IET accreditation process, visit:

[www.theiet.org/accreditation](http://www.theiet.org/accreditation)



## Support on the journey to becoming professionally registered

As part of your accreditation status, 50% of your teaching staff needs to be professionally registered. This requirement is intended to ensure high standards, demonstrate transferable skills, up-to-date professional competence and continued professional development.

The IET is licensed by the Engineering Council to award the professional engineering and ICT qualifications: Engineering Technician (EngTech), ICT Technician (ICT *Tech*), Incorporated Engineer (IEng) and Chartered Engineer (CEng). These globally recognised professional qualifications indicate a high level of competence and commitment to remain at the forefront of developments within the profession; something that is equally valued by employers and clients.

We also offer Chartered IT Professional (CITP) through the BCS, the Chartered Institute for IT, and have partnered with the Chartered Management Institute (CMI) to offer IET members a route to qualify as a Chartered Manager (CMgr).

As an Academic Partner you can request on campus professional registration workshops and advisory sessions for academic and technical staff and researchers.



### UNIVERSITY BASED REGISTRATION SCHEMES

We can support you in reaching CEng or IEng registration through a University Based Registration Scheme (UBRS). These tailored schemes aim to develop staff members and provide a structured pathway to achieving professional registration.

#### **Subject to sufficient numbers, your scheme can be tailored with pre-agreed timescales for:**

- on campus professional registration workshops
- on campus 1:2:1 meetings with a Professional Registration Advisor (PRA)
- submission of draft application forms for PRA feedback
- submission of final application forms for assessment



# Embedding Career Manager into your modules

Create the structure for career progression around building and maintaining competences: the recognised knowledge, skills and attributes needed to deliver results in a chosen field. Having a professional development plan means the IET can support students in reaching their goals faster and more effectively.

## IET CAREER MANAGER

Career Manager is a professional development recording and planning tool that can support students throughout their engineering career. Career Manager provides students with the opportunity to develop valuable skills in recording competence development in the appropriate language, in addition to building a master CV record.

### Students can:

- access Career Manager at any time from any internet-ready device
- record technical and professional skills evidence developed from university projects and industrial placements
- set development objectives, plan actions and track progress
- familiarise themselves with industry specific frameworks
- create and maintain a professional looking CV
- present a competence record to prospective employers.

Students using Career Manager will leave university ready to start documenting their career development in preparation for professional registration as a Chartered or Incorporated Engineer.

If you want to support your students in focussing their learning on recognised industry standards, planning the next steps in their career and concentrating on work-readiness then ask your Account Manager about integrating Career Manager within employability modules or industrial placements.

To find out more - please visit:

[www.theiet.org/career-manager](http://www.theiet.org/career-manager)





# Recognise talent and reward innovation with IET awards

The IET Awards programme recognises talent through a wide range of awards, prizes, bursaries and scholarships. Celebrate excellence in your sector and promote the very best of your academic talent to a global engineering audience by entering them for an IET award.

## YOUNG WOMAN ENGINEER (YWE) OF THE YEAR AWARDS

These prestigious awards honour the very best early career female engineers working in the UK today, highlighting the achievements of women in engineering and encouraging others to enter the profession.

[www.theiet.org/ywe](http://www.theiet.org/ywe)

## INNOVATION AWARDS

The IET's distinctive Innovation Awards celebrate the very best in new innovations in science, engineering and technology, showcasing entries from around the world with 15 categories to choose from, including healthcare, transport, energy and emerging technology design, there is something for every corner of industry to reveal their latest innovations, be it idea, design or product.

All categories are judged by panels of independent experts, guaranteeing the Innovation Awards truly recognise the depth and breadth of revolutionary work being carried out across all areas of engineering and technology.

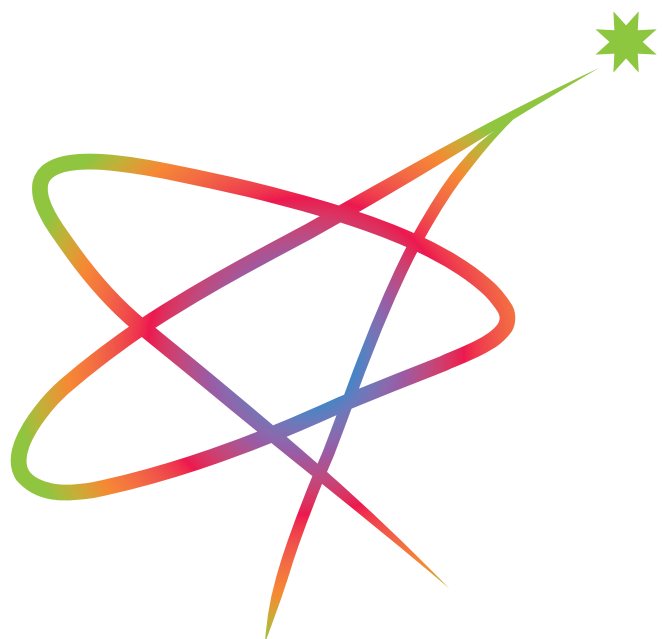
[www.theiet.org/innovation](http://www.theiet.org/innovation)

## ACHIEVEMENT MEDALS

Our Achievement Medals recognise the talents of engineers and technicians, from young professionals to individuals at the pinnacle of their career. Each year we seek outstanding engineering professionals who have made a significant impact on the world through their work or an exceptional contribution to the advancement of engineering through R&D or enterprise leadership.

We also look for those who have been an inspiration to their colleagues and excelled in the workplace. To recognise a colleague or young professional, simply nominate online

[www.theiet.org/achievement](http://www.theiet.org/achievement)



## Access world-class research with IET Publishing

The IET is Europe's leading provider of research and technical information for the global engineering and technology community. With a wide range of print and online content, the IET Publishing portfolio comprises over 400 print and eBook titles, 28 high quality journals (including an extensive archive), IET Inspec, the renowned bibliographic database and 6,500+ videos on IET.tv.

### ACCESS HIGH QUALITY SPECIALIST CONTENT

As an Academic Partner, we can support your research and teaching with access to high quality free technical content including open access articles across all IET Journals and E&T Magazine articles. For subscribed content, Academic Partners are entitled to a 20% discount on print and online IET Publishing packages.

To find out more - please visit:

[www.theiet.org/journals](http://www.theiet.org/journals)

### JOURNALS

Spanning the spectrum of engineering and technology, the IET Journals portfolio comprises internationally renowned research journals, three letters journals (including the flagship Electronics Letters) and the IET's free-to-view, online only, fully gold, open access megajournal, *The Journal of Engineering*.

[www.theiet.org/journals](http://www.theiet.org/journals)

### BOOKS AND EBOOKS

The IET's high quality books programme covers 14 main specialist subject areas such as energy engineering, telecommunications, radar, IET Standards and Electrical Regulations. IET members are entitled to a 35% discount (conditions apply).

[www.theiet.org/books](http://www.theiet.org/books)

[www.theiet.org/electrical](http://www.theiet.org/electrical)

### ACADEMIC PUBLISHING WORKSHOP

Presented by Dr Andy Richford, Editorial Consultant, this video presentation will enable viewers to understand the IET Journals publishing process, including guidelines and impact factors, abstract and references, common reasons for rejection and what an editor/reviewer looks for. Contact your Account Manager for a copy or view online at:

[www.theiet.org/publishing-workshop](http://www.theiet.org/publishing-workshop)

### E&T WEBINARS AND WHITE PAPERS

Students and academics can find answers to the questions they need from leading industry experts to progress their engineering projects and their careers.

[www.eandtmagazine.com/whitepapers](http://www.eandtmagazine.com/whitepapers)

### IET INSPEC

Renowned as one of the world's most definitive bibliographic databases, the IET Abstracting and Indexing (A&I) database offers a comprehensive coverage of over 15 million scientific and technical abstracts from journals, conference proceedings, books, reports and dissertations.

[www.theiet.org/inspec](http://www.theiet.org/inspec)

### INFORMATION FOR AUTHORS

To help authors while they write their article or book, we have launched *Information for Authors*, a single online resource where researchers can find all the information they need to help them publish their work with the IET. The site covers everything from proposal to publication, including style guides, submission guidelines, FAQs, resources and general guidance for managing their project. There is also information on open access publishing, tools and tips for promoting work, advice for submitting a proposal and links to the IET Author Community.

[www.theiet.org/authors](http://www.theiet.org/authors)

### IET DIGITAL LIBRARY

The IET Digital Library offers a gateway to a wider portfolio of online research and information, allowing your students to access close to 200,000 technical papers from IET Journal articles, eBooks, magazines, conference proceedings, magazine articles and the journals archive (including articles dating back to 1872). Members receive 10, free knowledge pack credits each year to download content at an article or chapter level from the Digital Library.

[www.ietdl.org](http://www.ietdl.org)

Take advantage of  
this unique publishing  
resource today and  
find out more at

[www.theiet.org/publishing](http://www.theiet.org/publishing)



## IET On Campus



# On Campus

IET On Campus provides engineering students with fantastic opportunities they may otherwise not be exposed to, such as meeting industry's leading employers, visiting engineering sites of interest and developing extra-curricular skills that will help them to make a seamless transition from university into the world of work.

In an increasingly competitive job market, employers are hiring graduates who have taken the time to develop their interests and skills outside of their courses. IET On Campus can be a stand-alone student society or provide support to existing societies, with students able to call on funding and a wealth of tailored practical resources and industry links to help host successful events, competitions and visits that raise the profile of your engineering department and develop student's professional skills.

**The sky is the limit. On Campus groups have hosted:**

- Career Question Time
- hackathons
- freshers fair activities
- site visits
- Robot Wars
- Present Around the World.





### **IET ON CAMPUS GROUP OF THE YEAR AWARD**

The IET On Campus Group of the Year Award is our way of recognising and rewarding the IET On Campus student group that has gone above and beyond the rest between 1st September and 1st April annually.

#### **In addition, the winning On Campus group will receive:**

- £1,000 to spend on a team activity/event of their choice for their IET On Campus student group
- a trophy and certificate for each member of their IET On Campus leadership team.



**To view the list of IET On Campus student groups and find out how to get up and running, visit:**

[www.theiet.org/oncampus](http://www.theiet.org/oncampus)



# Fuel the minds of the next generation

The IET is committed to inspiring young people to consider careers in Science, Technology, Engineering and Maths (STEM). Our education programme provides a broad platform to engage with children aged 5-19 years: from innovative STEM teaching resources for teachers to project funding and support from IET members.

## EXCITING OPPORTUNITIES TO BROADEN YOUR REACH

As an IET Academic Partner you'll receive a sample pack of our collection of schools outreach resources. Further copies of these can be ordered from our IET Faraday website.

## IET FARADAY – BRINGING SCIENCE TO LIFE IN THE CLASSROOM

### Hosting a Faraday Challenge Day

IET Faraday is our flagship programme for primary and secondary schools that aims to deliver an engineering and technology context by using case studies and real life examples from around the world. The programme includes:

- **Faraday teaching resources** – Free cross-curricular classroom activities with supporting files such as PowerPoint presentations and handouts that can be tailored to the needs of students.
- **Faraday Challenge Days** – An annual competition delivered in schools for teams of six pupils in Year 8. Teams are given the opportunity to research, design, develop and make creative solutions to genuinely tough engineering problems with the top team winning a prize and a trophy for their school. A limited number of free opportunities are offered to Academic Partners to host a Faraday Challenge Day and enhance their schools outreach.

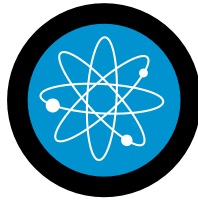
## HOW DOES IT WORK?

Universities act as a host and invite local schools to take part, with the assistance from the university's own engineering students. This is a great way to inspire people about engineering and give them a view into undergraduate life at your university.

Further information can be found under the 'Useful Links' section of:

[www.theietfaraday.org](http://www.theietfaraday.org)





### FIRST® LEGO® LEAGUE AND FIRST® LEGO® LEAGUE JR.

FIRST® LEGO® League is a global robotics-based, life skills competition for teams of students aged 9 – 16 years. The challenge is to design, build and program a robot to autonomously complete a set of missions using LEGO Education Mindstorms equipment.

The teams also have to research a real world topic, identify a problem and create an innovative solution. Collaborating with organisations to share their ideas and presenting their work to the judges develops their communication skills. The FIRST® LEGO® League core values are a central part of the programme as the young people learn skills like problem-solving and critical thinking that will help prepare them for life beyond school.

Teams compete at their regional tournament and have the opportunity to progress to the national and international finals.

FIRST® LEGO® League Junior is a brilliant programme for younger children aged 6 – 9 years. Based on similar Core Values to FIRST® LEGO® League, the teams have to design and build a moving LEGO model using LEGO Education WeDo 2.0 equipment. There is a project challenge based on the topic for the season and the team have to present their work on a Show Me poster. The Expo events where the teams demonstrate all their work are great fun and encourage the children to get involved with STEM subjects.

For further information please visit:

[firstlegoleague.theiet.org](http://firstlegoleague.theiet.org)

### EDUCATION PARTNERS

The IET partners with other STEM providers who offer activities that inspire and develop STEM skills, as well as professional teaching bodies that support and train teachers. We are happy to provide introductions and information on how to get involved in their activities.

For more information on the IET Education 5-19 programmes (including a full list of our IET education partners) and for and opportunities to work together, please contact your Account Manager or visit:

[www.ietfaraday.org/secondary](http://www.ietfaraday.org/secondary)

**PARTICIPATE**



**RESEARCH**



**SOLVE**



# Make the most of your IET partnership

As an Academic Partner, you have access to a variety of marketing opportunities and are also given marketing support to raise awareness of the partnership to your students.

## MARKETING TOOLKIT

To ensure your students are aware you have invested in their development with an IET membership, we can provide you with marketing collateral to use around your departments:

- pop up banners
- leaflets
- posters
- slideshow presentations.

## NETWORKING EVENTS

The IET has large partnership communities within industry, academia and the MOD and can therefore help to facilitate links between these groups via our extensive networking events. As an Academic Partner, you will be invited to attend and contribute to the following:

### ■ Round table discussions;

The IET hosts round table discussions on hot topics within our partnership communities. These events bring together representatives from across the breadth of our partnerships to give a dynamic debate with tangible outcomes.

## PARTNERSHIP EVENTS

- We host the Summer and Winter Partnership Events at IET London: Savoy Place annually.

## PARTNER NEWS

Partner News is the IET's publication dedicated to our Partners distributed four times a year. It features articles from each partnership community as well as from the IET itself to keep readers up to date with the latest news, projects and events.

### Article guidelines:

- half page article (200 – 250 words)
- full page article (300 – 350 words)
- high resolution image\*
- alternative high resolution image (optional)
- captions for images
- call to action (including contact details if applicable).

\*Please note that if any images contain individuals that are aged 16 or under, the IET legally requires signed permission for the image to be used from either the individual or their legal guardian. Please see the IET Policy: *Safeguarding children and vulnerable adults* section of our author guide

[www.theiet.org/partner-news](http://www.theiet.org/partner-news)

## ACADEMIC PARTNERS E-NEWSLETTER

AP Update is a monthly e-newsletter which is sent out to all of our Academic Partner contacts and will include useful dates and information to supplement your partnership with us.

[www.theiet.org/academic-partners](http://www.theiet.org/academic-partners)

To find out how to make the most of these and other marketing opportunities available to Academic Partners email [academic-partners@theiet.org](mailto:academic-partners@theiet.org)



# IET Academic Partner Implementation plan

## STUDENT ACTIVITIES

Date: \_\_\_\_\_

### Student membership

Academic Account Manager's action: \_\_\_\_\_

University action: \_\_\_\_\_

### Professional skills lecture

Academic Account Manager's action: \_\_\_\_\_

University action: \_\_\_\_\_

### Student technician registration

Academic Account Manager's action: \_\_\_\_\_

University action: \_\_\_\_\_

### IET Career Manager

Academic Account Manager's action: \_\_\_\_\_

University action: \_\_\_\_\_

### Awards and scholarships

Academic Account Manager's action: \_\_\_\_\_

University action: \_\_\_\_\_

### IET On Campus

Academic Account Manager's action: \_\_\_\_\_

University action: \_\_\_\_\_

# IET Academic Partner Implementation plan

## DEPARTMENT ACTIVITY

### Industry links

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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### LinkedIn network

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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### UBRS

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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### Accreditation

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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## **Embedding Career Manager**

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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## **Department awards**

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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## **Conference sponsorship**

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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## **Schools outreach**

Academic Account Manager's action: \_\_\_\_\_

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University action: \_\_\_\_\_

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## IET Offices

### London

Savoy Place  
2 Savoy Place  
London  
WC2R 0BL  
United Kingdom  
[www.theiet.org](http://www.theiet.org)

### Stevenage

Michael Faraday House  
Six Hills Way  
Stevenage Herts  
SG1 2AY  
United Kingdom  
**T:** +44 (0)1438 313311  
**F:** +44 (0)1438 765526  
**E:** [postmaster@theiet.org](mailto:postmaster@theiet.org)  
[www.theiet.org](http://www.theiet.org)

### Beijing

Suite G/10F  
China Merchants Tower  
No.118 Jianguo Road  
Chaoyang District  
Beijing China  
100022  
**T:** +86 10 6566 4687  
**F:** +86 10 6566 4647  
**E:** [china@theiet.org](mailto:china@theiet.org)  
[www.theiet.org.cn](http://www.theiet.org.cn)

### Hong Kong

4405-06 Cosco Tower  
183 Queen's Road  
Central  
Hong Kong  
**T:** +852 2521 2140  
**F:** +852 2778 1711

### Bangalore

Unit No 405 & 406  
4th Floor, West Wing  
Raheja Towers  
M. G. Road  
Bangalore 560001  
India  
**T:** +91 80 4089 2222  
**E:** [india@theiet.in](mailto:india@theiet.in)  
[www.theiet.in](http://www.theiet.in)

### New Jersey

379 Thornall Street  
Edison NJ 08837  
USA  
**T:** +1 (732) 321 5575  
**F:** +1 (732) 321 5702

## IET Venues

### IET London: Savoy Place

London  
**T:** +44 (0)207 344 5479  
[www.savoyplace.london](http://www.savoyplace.london)

### IET Birmingham: Austin Court

Birmingham  
**T:** +44 (0)121 600 7500  
[www.ietvenues.co.uk/austincourt](http://www.ietvenues.co.uk/austincourt)

### IET Glasgow: Teacher Building

Glasgow  
**T:** +44 (0)141 566 1871  
[www.ietvenues.co.uk/teacherbuilding](http://www.ietvenues.co.uk/teacherbuilding)



[www.theiet.org](http://www.theiet.org)