

CAITLIN CAITLIN EVANS
PORTFOLIO



DigitalMarketingOfficer

CaitlinEvans

Projects

Creative/Digital Media

- Marketing Assets
- Videography & Photography
- Video/Asset creation/editing
- Website updates

Social Media

- LinkedIn
- TikTok

Internal comms

- Newsletters
- Important Messages
- Competitions
- Celebrations
 - Christmas
 - Valentines
 - St. Patricks etc.

Awareness Days

- Events
- Social Media Campaigns
- Videography
 - International Women in Engineering Day
 - International Mens Day
 - International Womens Day

Campaigns

- Innovate UK Project
- Commerical/Employability Courses
- Employer Outreach
- Referral Outreach
- T Levels
- Ofsted Good Times Campaign
- Email Campaigns

Written Content

- Stakeholder newsletters
- PR
- Website course pages/uploads

Organise Events

- Open Events
- Cov Fest
- Staff Awards
- Godiva Festival
- External Innovate events
- College events coverage

In partnership with Innovate UK Coventry College supports SME's to innovate their business for growth.

- B2B campaigns
- Events
- Leaflets
- Social media
- Feedback forms
- Email campaigns

INNOVATE UK INITIATIVE

 **Innovate UK
and Coventry
College**



**FREE
EVENT**

**INNOVATE CLINIC
AUTOMOTIVE
ELECTRIFICATION**

**TUESDAY 17 JUNE, 8AM-10AM
COVENTRY COLLEGE**

Are you a SME in the Automotive sector, based in Coventry or Warwickshire and want to learn more about electric vehicle technology and innovations to support your business?

Join us at our **FREE Electrification Clinic** – funded by Innovate UK on **Tuesday 17 June**. At the clinic:

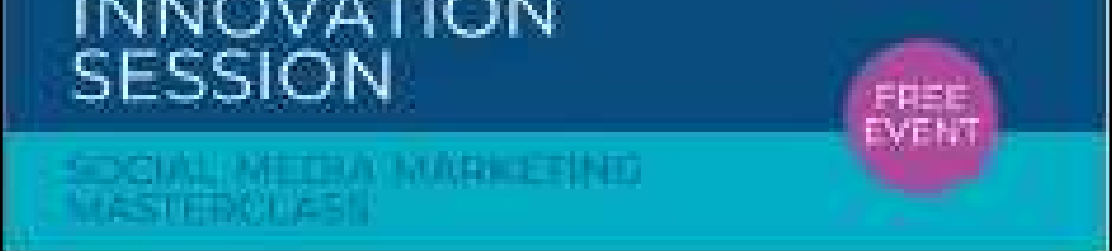
- Innovation practitioners will be on hand to support you to complete a training needs analysis to identify training and development requirements.
- We'll help you to identify which areas of your company you would like to grow.
- Speak to representatives from Coventry Warwickshire Growth Hub about grants and funding to support innovation in green skills and technologies.
- Network with representatives from other Automotive employers in the region.

 **BOOK
YOUR
PLACE
TODAY!**



INNOVATE UK INITIATIVE

 **Innovate UK
and Coventry
College**



**FREE
EVENT**

**DIGITAL
INNOVATION
SESSION**

**SOCIAL MEDIA MARKETING
MASTERCLASS**

DATE: Tuesday 18 June 2024
TIME: 9.30am – 12.00pm
LOCATION: Village Hotel Coventry Central
RSVP: <https://lnkd.in/g/2SHmSW>

Industry expert, Sue Wheeler, from the MIOEE CITB, is a social media specialist, a highly experienced marketing strategist, who will be sharing valuable tips and tricks on how to enhance your social media presence.

It's a great opportunity to share how you've used your phone and laptop to grow your business, to ask questions and to learn from the experts.

Refreshments and free parking available.

For more information and to book your place, visit: <https://lnkd.in/g/2SHmSW>

Coventry College



INNOVATE UK INITIATIVE

 **Innovate UK
and Coventry
College**



INNOVATE UK INITIATIVE

 **Innovate UK
and Coventry
College**



**FREE
EVENT**

**INNOVATE CLINIC:
SOLAR PV**

**TUESDAY 9 SEPTEMBER
8AM-10AM**

Thank you to everyone who attended the Innovate Clinic - Green Trades this morning hosted by the Employer Engagement team at Coventry College in partnership with Innovate UK! 🙌

Key points for discussion, included the on-going requirement to develop additional green technical skills to support the local construction sector and the creation of sustainable recruitment models, to help our local employers to really grow their business. 🛠️🔧

We look forward to seeing employers and stakeholders at the next Innovate Clinic - with a focus on Electrification on Tuesday 17 June, 8am-9.30am. Breakfast included!

Register now 📄 <https://lnkd.in/g/2SHmSW>

Joseph Cooper Coventry Electrical Ltd, Victor Mubaira Ambrot Civil Engineering, **Dan Brookes The OM Group**, **Adrian Bishop Westdale Midlands**, **Justine Chadwick Coventry and Warwickshire Growth Hub**, **Phil Warwick DipRSA MIOEE CITB**, **Matt Alvarez WCG**, Electric Zoo, **mitchell carty M Carty Brickwork Ltd**, **Leanne Abbott Coventry College**, **Anthony Wheeler Coventry College**

#Innovate #GreenTrades #Eletrification



Coventry College runs Into Employment, Bootcamps and Distance Learning courses to support adults getting into work, a new career or upskill within their roles.

- B2B and B2C campaigns
- Leaflets
- Social media
- Email campaigns
- Campaign plans
- Employer outreach
- Referrals plan

I refreshed all the old leaflets to look more clear with images and QR codes. The change made the leaflets more professional and easier to read. Still considering the brand identity for the commerical offer so each leaflet is different but follows the same brand.

DAMP & MOULD TRAINING AT
COVENTRY COLLEGE

Make it
Work

This Level 2 award In
Understanding Damp & Mould In
Domestic Dwellings

This Level 2 award in Understanding Damp & Mould in Domestic Dwellings provides learners with an understanding of the causes of damp, condensation and mould.

The course will provide learners with the knowledge to identify, remedy or treat & will be a key requirement to support private & social housing landlords to ensure their housing stock can address the health risks associated with damp & mould in the home.

Course Information:

1 day duration, including an online assessment upon completion of training @ our centrally located campus: Coventry College 50 Swanswell Street,Coventry Cv1 5DG
Course cost - £250 per learner (inclusive of VAT)

For details of programme start dates contact
Employers@coventrycollege.ac.uk

COVENTRY
COLLEGE

Level 2 Award:
Understanding Damp and Mould
in Domestic Dwellings

Make it
Work

Awaabs Law comes into force in October 2025 landlords MUST investigate and repair homes suffering with Damp and Mould issues.

Our Level 2 Damp and Mould course will provide you with the knowledge and training you need to be able to identify, remedy or treat damp and mould in your homes.

The course will aim to support private and social housing landlords to ensure their housing stock can address the health risks associated with damp and mould.

Duration: 1 day
Location: Coventry College Campus
Cost: £250 per learner (inc VAT)

Who is this course for?

- Social housing landlords
- Private landlords
- Home owners
- Anyone who might need to learn how to tackle damp and mould

Scan the QR code to find out more and enquire now

www.coventrycollege.ac.uk/courses/level-2-award-in-understanding-damp-and-mould-in-domestic-dwellings/

For more details email: Employers@coventrycollege.ac.uk

COVENTRY
COLLEGE

Skills Bootcamp: Insulation Technician

Make it
Work

Looking for a new career or wanting to upskill?

Join the **FREE** Insulation Technician Skills Bootcamp and you will receive a **guaranteed job interview**.

Duration: 16 Days, 9am - 4pm, Mon - Fri
Location: Coventry College Campus

You will get:
• Skills Bootcamp certificate
• Level 2 Award in Domestic Retrofit qualification.

Eligibility:

- Aged 19+
- Live in the West Midlands
- Have the right to work in the UK

Scan the QR code to find out more and apply

West Midlands Combined Authority

WESTDALE

SKILLS
FOR LIFE

COVENTRY
COLLEGE

Into Employment:
Teaching Assistant

Make it
Work

Want to get into employment in education?

As part of the programme you'll gain essential workplace skills via job-related training. There will also be a strong focus on job interview techniques and CV writing.

At the end of the programme, you'll have gained the skills and knowledge to be interviewed for a specific job role with the within the Education sector.

Eligibility:

- Aged 19+
- Live in the West Midlands
- Monthly wage is below £32,000 or unemployed.

Cost:

- FREE - Fully funded by the West Midlands Combined Authority

You will get:

- NCFE Level 1 Award in Preparing to Work in Schools

Duration: 4 weeks
3 weeks face-to-face, 1 week work experience
Location: Coventry College Campus

Scan the QR code to find out more and apply

COVENTRY
COLLEGE

Level 2 Certificate in Lean Organisation
Management Techniques

Make it
Work

This qualification is suitable if you are working in areas where improvements to quality, process and costs have been identified.

You will gain an understanding of:

- the principles of lean organisation techniques
- how systems or processes can be set up to improve production
- how waste is reduced
- the benefits of a lean environment within business organisations

Course Fees:

This course is free of charge, however, there is a charge of £125 which will be payable if you do not complete the course.

*Funding available subject to eligibility check

Structure:

Study online up to 16 weeks

Scan the QR code to find out more and apply

Distance Learning

COVENTRY
COLLEGE

Digital Functional Skills

Make it
Possible

Want to improve your digital skills?

This course will enhance your digital skills making it easier to navigate the digital world.

It will enable you to be able to independently engage with digital services and products such as, online banking and emails.

Start date: January 2025
Duration: 12 week daytime course or 16 week evening course
Location: Coventry College Campus

Eligibility:

- Aged 19+

Cost:

- FREE - Fully funded by the Digital Entitlement Fund

You will get:

- Entry 3 or Level 1 Certificate

Scan the QR code to find out more and apply

REGISTER YOUR INTEREST
Email: employers@coventrycollege.ac.uk
Call: 02476 791 700

COVENTRY
COLLEGE

Level 2 Award
Understanding Domestic Retrofit

Make it
Work

You will study three units which will provide learners with the knowledge of why retrofit is so important to environmental sustainability, what it is including the principles, standards, regulations, roles and materials.

- Domestic Retrofit Drivers: Processes, and Roles
- Domestic Retrofit Principles, Materials, and Tools
- Domestic Retrofit Performance, Standards, and Regulations

Course Fees:

If you are a registered member of Construction Industry Training Board (CITB) they have approved this qualification. Grant funding at a rate of £600/learner.

Structure:

32 guided learning hours
self-directed study online
face-to-face controlled assessment

Scan the QR code to find out more and apply

Equipment

A hard hat and high-vis will be provided. Please wear your own safety boots.

Scan the QR code to find out more and apply

COVENTRY
COLLEGE

Into Employment: ISS

Make it
Work

Wanting to work in hospital services?

Join the **FREE** ISS training in hospital cleaning or portering.

During this **4 week** course you will learn:

- Infection control measures
- Customer service
- Health & Safety
- Equality & Diversity
- Data Protection

We will discuss:

- Money matters and employment
- Work experience
- Preparing to achieve your own job goals
- Promoting yourself
- Preparing for an interview
- Motivation for work

Eligibility:

- Aged 19+
- Unemployed
- In receipt of:
 - JSA
 - ESA
 - Income Support
 - Universal Credit

You will get:

- Guaranteed interview with ISS

Contact us:

You must be referred via your JCP/ Employment Support Advisor in order to start.

Please call: Employment Skills Team on: 02037574350 for more details

Scan the QR code to find out more and apply

ISS

COVENTRY
COLLEGE

Distance Learning

Make it
Possible

You can start a Distance Learning programme whenever you're ready and fit your studies around your family life and work commitments.

Our low-cost, online learning programmes mean you can learn new skills, improve your career prospects, or find out more about something you're interested in - all from the comfort of your own home.

You can enrol online or join a distance learning information session.

Eligibility:

- Aged 19+
- Live in the West Midlands
- Have the right to work in the UK

Cost:

- FREE - Fully funded by the Digital Entitlement Fund

You will get:

- Entry 3 or Level 1 Certificate

Scan the QR code to find out more and apply

COVENTRY
COLLEGE

Skills Bootcamp: Multi-skills
Property maintenance Technician

Make it
Work

Our **FREE** or partially funded, Multi-Skills Property Maintenance Technician Skills Bootcamp will give you the chance to learn a range of construction skills that will provide you with an opportunity to gain a new role working within the construction sector.

Duration: 3 weeks, 9am-5pm
Location: Coventry College Campus

During the Skills Bootcamp, you'll learn to carry out a range of skills such as:

- Carpentry techniques
- Plastering & patching
- P & D
- Wall tiling
- Mastics & Casing

Eligibility:

- Aged 19+
- Live in the West Midlands
- Right to work in the UK

You will get:

- Level 1 Award in Health and Safety in a Construction Environment - (this will enable you to apply for a CSCS card)
- Level 2 Award in Domestic Retrofit

Equipment

A hard hat and high-vis will be provided. Please wear your own safety boots.

Scan the QR code to find out more and apply

COVENTRY
COLLEGE

Distance Learning carousel on LinkedIn

**Distance Learning
Coventry College**

We provide FREE CPD courses for anyone looking to improve their workplace skills or boost their CV for future career opportunities.

Make it Possible

COVENTRY COLLEGE

Anywhere

Health and Social Care

COVENTRY COLLEGE

Anytime

Construction

COVENTRY COLLEGE

FREE

Business, Leadership & Management

COVENTRY COLLEGE

Online

Safeguarding

COVENTRY COLLEGE

16 weeks

IT and Security

COVENTRY COLLEGE

Find out more at
coventrycollege.ac.uk/distance-learning

Make it Possible

COVENTRY COLLEGE

Innovate Leadership Training carousel on LinkedIn

INNOVATION DOESN'T HAVE TO BE COMPLICATED

ONLINE WEBINAR

COVENTRY COLLEGE

WARWICK THE UNIVERSITY OF WARWICK

LET US SHOW YOU HOW IN JUST 15 MINUTES

ONLINE WEBINAR

COVENTRY COLLEGE

WARWICK THE UNIVERSITY OF WARWICK

TUESDAY 15TH JULY 2025 09:00-09:15AM

ONLINE WEBINAR

COVENTRY COLLEGE

WARWICK THE UNIVERSITY OF WARWICK

NO PRESSURE, NO JARGON!

Just real answers about how the **Innovation Leadership** course can help you and your business.

ONLINE WEBINAR

REGISTER TODAY

Welding Skills is a new course ran by the Engineering Dept. for adults - B2B and B2C Campaigns

Campaign plan

Campaign Name	Welding Skills
Description	Welding course has been set up acknowledging the skills gap in industry. We have a 40k income target before end of July. In this time we will run 4 cohorts through L1 and L2 Welding. Enrollment date WB 07/04/2025
Objective	Enroll at least 12 students per cohort. Primarily target those under 32k and/or unemployed.
Goals	1. Hit income target by end of July. 2. Develop skilled welders ready for employment to help tackle the skills gap. 3. Become a well-known alternative provider for welding courses.

Target Audience Primary & Secondary	Age 19+ unemployed or low wage looking to develop new skills for employment.		• Target postcodes for leaflet drops • Social media campaign on Facebook on relevant pages to construction and upskilling etc. • Target alumni from construction area who are now aged 19+ who may need upskilling for work
	Alumni who are v Employees already		
Key Performance Indicators (KPIs)	1. Minimum of 12 2. Conversion rat to hit a minimum 3. Website traffic views, time on sit 5. Email campaign	Actions	• Upload course content to website • Create marketing materials such as leaflets, posters, TV screens • Send an email campaign to Alumni • Promote on social media • Sales team to outreach to employers and referral centres
	Programme Information	Budget	•
Marketing Activities	Welding – first cohort		
	3 daytime cohorts weeks L1 and 2.5 1 evening cohort,		

Project timeline	Task	Owner	Date
	Website course information	Caitlin	11/03/2025
	Enquiry form update	Ello Dave	12/03/2025
	Take photos of equipment	Caitlin/Lizzie	12/03/2025
	Obtain list of Alumni	Caitlin	12/03/2025
	Email campaign copy	Caitlin	13/03/2025
	Email campaign to Alumni	Ello Dave	18/03/2025
	Create leaflets	Caitlin	13/03/2025
	Leaflet drops to employers/referral centres	Sales team	WB 17/03/2025
	Comms with employers	Sales team	WB 17/03/2025
	Create TV screens	Caitlin	13/03/2025
	Advertise in job shop	Caitlin	13/03/2025
	Promote of social media	Ello Dave	WB 17/03/2025

Email Campaign

WELDING SKILLS



Hi there,

Ignite your passion for welding and develop valuable skills at Coventry College

We have identified you as part of our college course to further develop your skills for work.

Coventry College is running a Welding Skills course on practical experience learning in a support professional tutor.

Daytime course

Start: From Monday 28 April
Duration: 5 weeks
Onsite: Monday, Tuesday, Wednesday
Time: 9am - 4.15pm

Qualifications

At the end of the course you will receive a Level 1 Award in Welding Skills

Jobs you can apply for after the course

During the course you will be equipped with the skills you need to apply for welding jobs such as:

Manufacturing

- Metal fabrication/welding companies
- Exhaust manufacturers
- Structural steel manufacturers

Automotive

- Repair shops
- Manufacturers
- Maintenance
- HGV vehicle repair

Other sectors include: marine engineering, crane service repair engineer, agricultural machinery manufacturers, mining and quarrying, waste treatment/management companies.

Find out more

Cost

This programme is **FREE** for those eligible for WMCA funding. This will depend on your income. You may also be eligible for co-funding via your employer. If this does not apply, the cost of the course is £1,195. Please contact us for more information.

Who is the course for?

If you are interested in working in the automotive, engineering or manufacturing industries this course might be right for you.

Enquire now

Get in touch

Alternatively for more information please email: hello@coventrycollege.ac.uk or hello@coventrycollege.ac.uk

Many thanks
Coventry College

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You have studied at Coventry College.

Our mailing address is:
Coventry College
50 Swanwell Street
Coventry, CV1 5QS
United Kingdom

[Add us to your address book](#)

Want to change how you receive these emails?
You can update your preferences or unsubscribe from this list.

Leaflet

Welding Skills

Learn valuable skills for work in just 5 weeks!

Make it Work

Ignite your passion for welding and develop valuable skills at Coventry College

What can I expect to gain?

During this City & Guilds short programme you will gain experience through hands-on guided practical sessions with an experienced industry professional.

You will be trained for the skills you need in welding to work within Automotive, Engineering and Manufacturing organisations.

Cost:

This course may be **FREE** if you meet certain eligibility criteria or are unemployed.

You will get:

- Level 1 Award Welding Skills
- Level 2 Award Welding Skills

Jobs you can go into after this course

Manufacturing

- Metal fabrication/welding companies
- Exhaust manufacturers
- Structural steel manufacturers

Automotive

- Repair shops
- Manufacturers
- Maintenance
- HGV vehicle repair

Other sectors

- Marine engineering
- Crane service repair engineer
- Agricultural machinery manufacturers
- Mining and quarrying
- Waste treatment/management companies

No prior experience needed

Just a keen interest in the trade!

Scan the QR code to enquire now!



or visit coventrycollege.ac.uk/welding-skills

City & Guilds **COVENTRY COLLEGE**

LinkedIn socials:
Real people
Real testimonials
Different backgrounds
Following their journey

Meet Hassan, one of our adult learners who is part of our very first Welding cohort. 🗣️

He tells us what led him to join the course, beginning his journey here at Coventry College.

"I lost my job so was looking for a new opportunity. I met Beth in The Job Shop and she said there was a new welding course which is free and only five weeks long. I was quite excited to go for this course because I wanted to do something longterm, I can get a job anywhere around the world.

"Dave's teaching is very good, he explains everything step by step, he's helpful and I appreciate that."

Find out more information about our brand new welding course here
👉 https://lnkd.in/ecfTYu_G

#Welding #Opportunity #AdultCourses



Meet Scott, who joined our welding course for adults. 🗣️

Despite having qualifications, the job market is tough so, he chose to enrol onto our FREE* welding course to spruce up his CV and hopefully open up more opportunities for himself. 🗣️

"I did a course here before level two in the body and paint, industry. I went into work after that, however, the body shop closed down, and I've been struggling to get work since.

"I wasn't having much success with my qualifications and applying jobs. So, I thought I need to add another string to the bow. Welding falls into the category of repairing the car body and things like that. That's why I'm on this course." 🗣️

Visit our website to find out more and apply for our next intake in June! https://lnkd.in/ecfTYu_G

*subject to eligibility
#Welding #Opportunity #Jobs #CarBodyRepair



Meet Andrew, he tells us what led him to join our welding course. 🗣️

"Like most people here, I obviously don't have a job at the moment. I saw this on a random leaflet at the job shop. I've quite fancied welding for a while, I've had a welding kit for ten years, but never used that because I don't know how. I thought even if I don't get a job with it, it's going to be a firm, useful skill to have.

"I signed up, and so far I'm really enjoying it!"

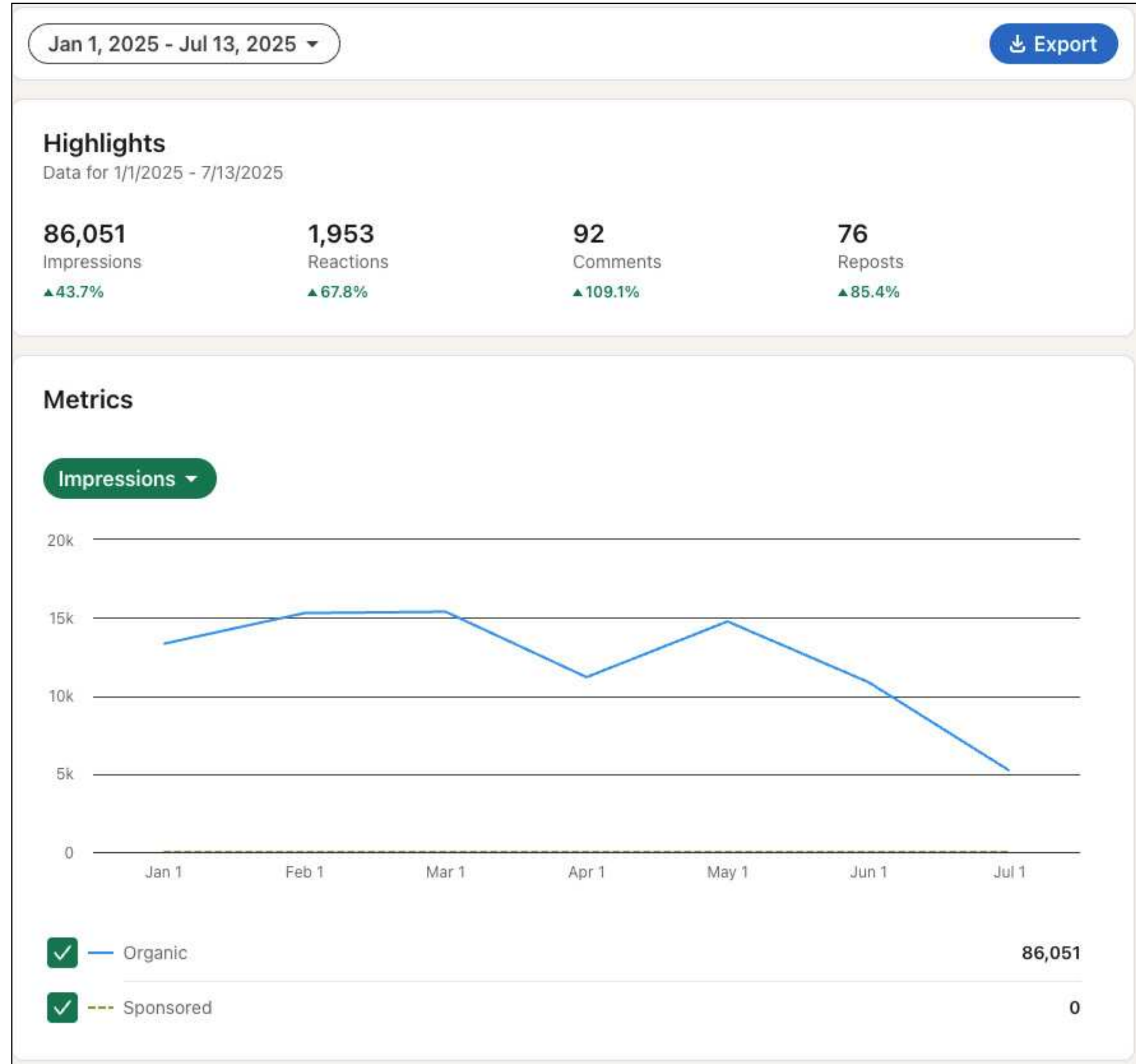
Whether it's for a job, or just a skill for a hobby, this course will equip you with the knowledge and skills you need to meet your ambition. 🗣️

Our evening course starts 3rd June and the daytime course starts 16th June, enquire now! https://lnkd.in/ecfTYu_G

#Welding #Skills #Jobs #Hobby



LinkedIn employer outreach, employer events, adult training courses offer



Social media content									
Date	Campaign	Channel	Copy	Views/Impressions	Clicks/Profile views	Likes	Comments	Reposts/Share	
01/10/2025	Into Employment	LinkedIn	👉 Want to get into a career in Education but don't know where to start?Our Into Employment (Teac	776	11	10	0	3	
01/12/2025	Skills Bootcamp	LinkedIn	✅ If you're aged 19 and over and looking for a new career in the Construction industry or want to pro	610	14	10	0	4	
01/13/2025	WEX	LinkedIn	🌟 It's Work Experience Week at Coventry College! 🌟 This week, we're shining a spotlight on the impor	577	8	5	0	3	
01/13/2025	WEX	LinkedIn	🌟 It's Work Experience Week here at Coventry College! Recruiting new 🌟 talent 🌟 by offering a work	382	27	2	0	0	
01/14/2025	WEX	LinkedIn	Find out what employers have to say about work experience with our learners. 🌟 Our learners have bee	722	16	7	0	2	
01/14/2025	WEX	LinkedIn	🌟 Learner William Vyse completed his work experience at Simply Gym Ltd in Coventry. Here's what th	501	14	8	0	2	
01/15/2025	WEX	LinkedIn	🌟 One of our employer partners, Chesford Grange Hotel, has worked with us for a number of years to	564	9	10	0	2	
01/16/2025	WEX	LinkedIn	🌟 Coventry Rocks What's on Guide for Coventry is a website, set up by local mum Jess, made espec	535	9	6	0	2	
01/17/2025	Digital Skills	LinkedIn	🌟 Boost your digital skills for free!Are you ready to master the digital skills you need for everyday li	350	1	4	0	2	
01/20/2025	Damp and Mould	LinkedIn	Our first Damp and Mould course complete!✅ It was great to see how engaged our first cohort were o	1960	312	39	0	2	
01/20/2025	Digital Skills	LinkedIn	Our FREE digital skills course can help you enhance your skills making the digital world easier to naviga	363	9	7	0	1	
01/22/2025	Innovate	LinkedIn	Come to our social media masterclass! 🌟 Are you an SME wanting to grow your business through	477	16	17	1	6	
01/23/2025	WEX	LinkedIn	🌟 Calling All Employers: Support the Next Generation of Talent! 🌟 Are you a forward-thinking compa	812	30	13	1	4	
01/27/2025	Innovate	LinkedIn	🚀 Power up your journey into the fast-growing Electric Vehicle (EV) industry! Starting this February,	612	9	18	0	3	
02/03/2025	Innovate	LinkedIn	Calling all West Midlands businesses! 🌟 We are excited to bring you Innovate Local: West Midlands a	604	14	15	0	3	
02/03/2025	Innovate	LinkedIn	Did you know we are holding a Social Media Masterclass this month! 🌟 We welcome Gus Bhandal, Th	509	19	15	2	2	
02/13/2025	Damp and Mould	LinkedIn	🌟 We work together with businesses to help them upskill and train employees. We were thrilled to se	1231	45	27	0	2	
02/13/2025	T Levels	LinkedIn	It's #TLevelThursday 🌟 Did you know that we work with hundreds of employers from across Coventry	527	14	9	1	2	
02/19/2025	Innovate	LinkedIn	🌟 Attention West Midlands Business Leaders! 🌟 Innovate Local: West Midlands is your chance to co	566	26	9	0	2	
02/25/2025	Innovate	LinkedIn	A fantastic masterclass hosted by Gus Bhandal this morning! 🌟 We received some amazing feedback	565	94	18	8	4	
03/03/2025	Innovate	LinkedIn	🌟 Come see us at the fsb50 Business Bootcamp on the 24th March!The event will showcase the sup	324	6	7	0	2	
03/03/2025	WEX	LinkedIn	🌟 Celebrating National Careers & Colleges Week at Coventry College! 🌟 To kickstart National Careers	930	342	26	1	3	
03/04/2025	WEX	LinkedIn	🌟 Celebrating Colleges & Careers Week! 🌟 Today at Coventry College we proudly hosted an NHS & H	493	108	5	0	2	
03/05/2025	WEX	LinkedIn	🌟 Kickstart the Economy 🌟 At Coventry College, we're thrilled to celebrate National Careers & Colleges	490	192	8	0	0	
03/06/2025	WEX	LinkedIn	🌟 Breaking down barriers 🌟 Today we proudly hosted a fantastic Women in Construction event wher	857	370	30	0	5	
03/07/2025	WEX	LinkedIn	What a week we have had for National Careers and Colleges week. 🌟 It's incredible the amount of opp	201	11	1	0	0	
03/12/2025	Skills Bootcamp	LinkedIn	Welcome to our new multi-skills cohort. 🌟 The session today run by Lovells introduced the type of w	473	72	18	0	1	
03/13/2025	Damp and Mould	LinkedIn	By October 2025, Awaab's Law will ensure that all social housing landlords will be required to investig	523	23	9	0	4	
03/21/2025	Distance Learning	LinkedIn	What is Distance Learning? 🌟 It's the ability to learn remotely through our online courses. 🌟 You	170	14	4	0	2	
03/24/2025	Innovate	LinkedIn	Make sure to come and chat with us if you are at the Federation of Small Businesses (FSB) event at Co	461	104	32	1	1	
03/25/2025	Innovate	LinkedIn	We were delighted to be a part of the Federation of Small Businesses (FSB) event yesterday at the asto	404	291	20	2	1	
04/04/2025	WEX	LinkedIn	An incredible session this morning with our Esports students pitching their ideas for a young carers e	343	137	26	0	2	
04/10/2025	Distance Learning	LinkedIn	Here at Coventry College, we offer a range of 🌟 FREE 🌟 CPD courses for employees to train or upskill	435	8	7	0	3	
04/16/2025	WEX	LinkedIn	Youth Jobs Fair is officially underway. 🌟 The Youth Jobs Fair hosted at Coventry College in partnership	892	49	23	0	0	
04/17/2025	WEX	LinkedIn	In light of the Youth Jobs Fair yesterday, we had some incredible feedback about the event. ✅ Sgt Pau	1030	272	26	1	3	
04/23/2025	Innovate	LinkedIn	INNOVATE CLINICS with Coventry College funded by Innovate UK.Are you an SME in the Construction	685	15	18	1	4	
04/23/2025	Welding	LinkedIn	Are you a local employer looking to recruit welders or up-skill existing staff? Here at Coventry College v	463	13	7	0	3	
04/24/2025	Damp and Mould	LinkedIn	🌟 Do you have tenants? Are you aware of Awaabs Law? By October 2025 you must ensure that your	448	15	2	0	0	
04/28/2025	Innovate	LinkedIn	Join us at our very first Innovate Clinic! 🌟 The first session focuses on green trades. 🌟 If you are in	411	13	5	0	4	
05/13/2025	Innovate	LinkedIn	It's not too late! 🌟 Register for our Innovate Clinic - Green Trades, in partnership with Innovate UK or	325	9	3	0	1	
05/14/2025	Welding	LinkedIn	🌟 Meet Hassan, one of our adult learners who is part of our very first Welding cohort. 🌟 He tells u	925	37	26	2	2	
15/05/2025	Distance Learning	LinkedIn	"I didn't know Coventry College had adult courses!" 🌟 We do. ✅ We do courses that will help your f	789	25	12	1	2	
05/19/2025	Innovate	LinkedIn	🌟 LAST CHANCE 🌟 Our first Innovate Clinic starts tomorrow morning! 🌟 Are you a SME in Construct	314	10	7	0	0	
05/20/2025	Innovate	LinkedIn	Thank you to everyone who attended the Innovate Clinic - Green Trades this morning hosted by the E	1294	365	29	1	4	
05/21/2025	Welding	LinkedIn	Meet Scott, who joined our welding course for adults. 🌟 Despite having qualifications, the job ma	1025	41	16	1	2	
05/23/2025	Damp and Mould	LinkedIn	Damp and Mould is a serious issue in UK housing. 🌟 In October 2025 Awaab's Law will be introduce	544	14	4	0	0	
05/27/2025	Welding	LinkedIn	🌟 Meet Andrew, he tells us what led him to join our welding course. 🌟 "Like most people here, I obvi	867	38	20	2	6	
05/28/2025	WEX	LinkedIn	Industry Talks - Where industry meets education 🌟 We invited in representatives from Village Hotels	978	66	30	0	1	
05/29/2025	Distance Learning	LinkedIn	We run industry training and upskilling courses all year! 🌟 Our range of adult courses help people to	532	18	9	0	0	
06/05/2025	WEX	LinkedIn	Industry Talks - Where industry meets education 🌟 Nathan Bunn from Coventry Building Society Are	1050	40	21	0	2	
06/11/2025	Innovate	LinkedIn	6 days to go! 🌟 If you are a SME in the Automotive sector and are interested in how you can innov	426	12	8	0	1	
06/13/2025	WEX	LinkedIn	Industry professionals dedicated their time to discuss their journey in the games industry. 🌟 Our stu	939	159	13	2	2	
06/17/2025	WEX	LinkedIn	Industry Talks - Social Workers meet our Health and Social Care students 🌟 We invited in Coventry Ci	569	47	15	0	2	
06/23/2025	Innovate	LinkedIn	🌟 First look: Free SME innovation training is here.✅ For Coventry & Warwickshire businesses✅ Pract	626	128	6	0	4	
06/27/2025	Distance Learning	LinkedIn	FREE CPD courses? 🌟 Yes! We provide FREE CPD courses to adults who are interested in upskilling in	901	369	5	0	3	
06/27/2025	Innovate	LinkedIn	? Struggling to innovate?You're not alone - and you don't have to go it alone either.This summer, star	417	14	6	0	5	

Distance Learning, Innovate, WEX, Bootcamps, Into Employment, Welding, Damp and Mould, Digital Skills - 6 months

TikTok as a form of communication to 16-18's

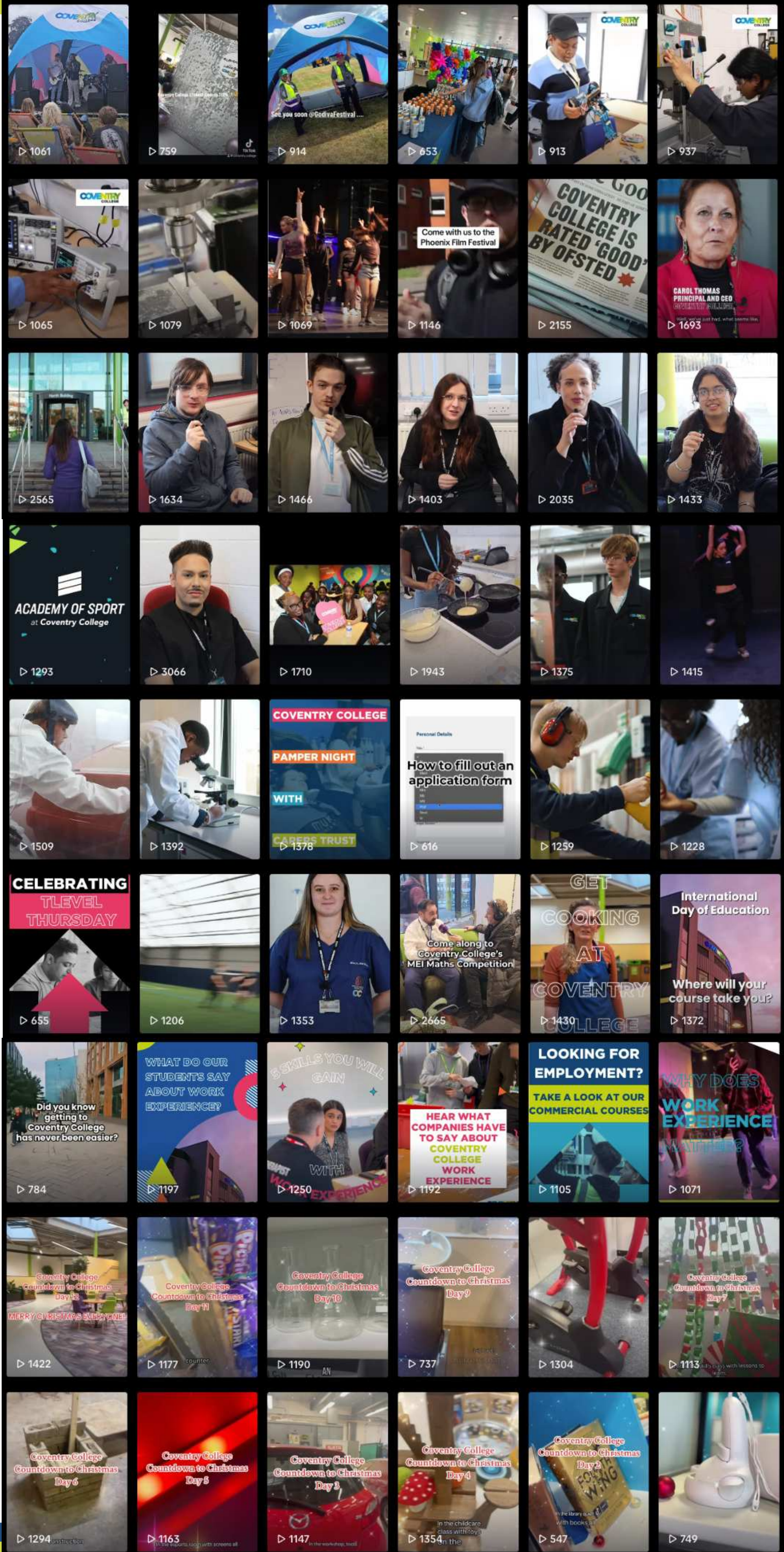
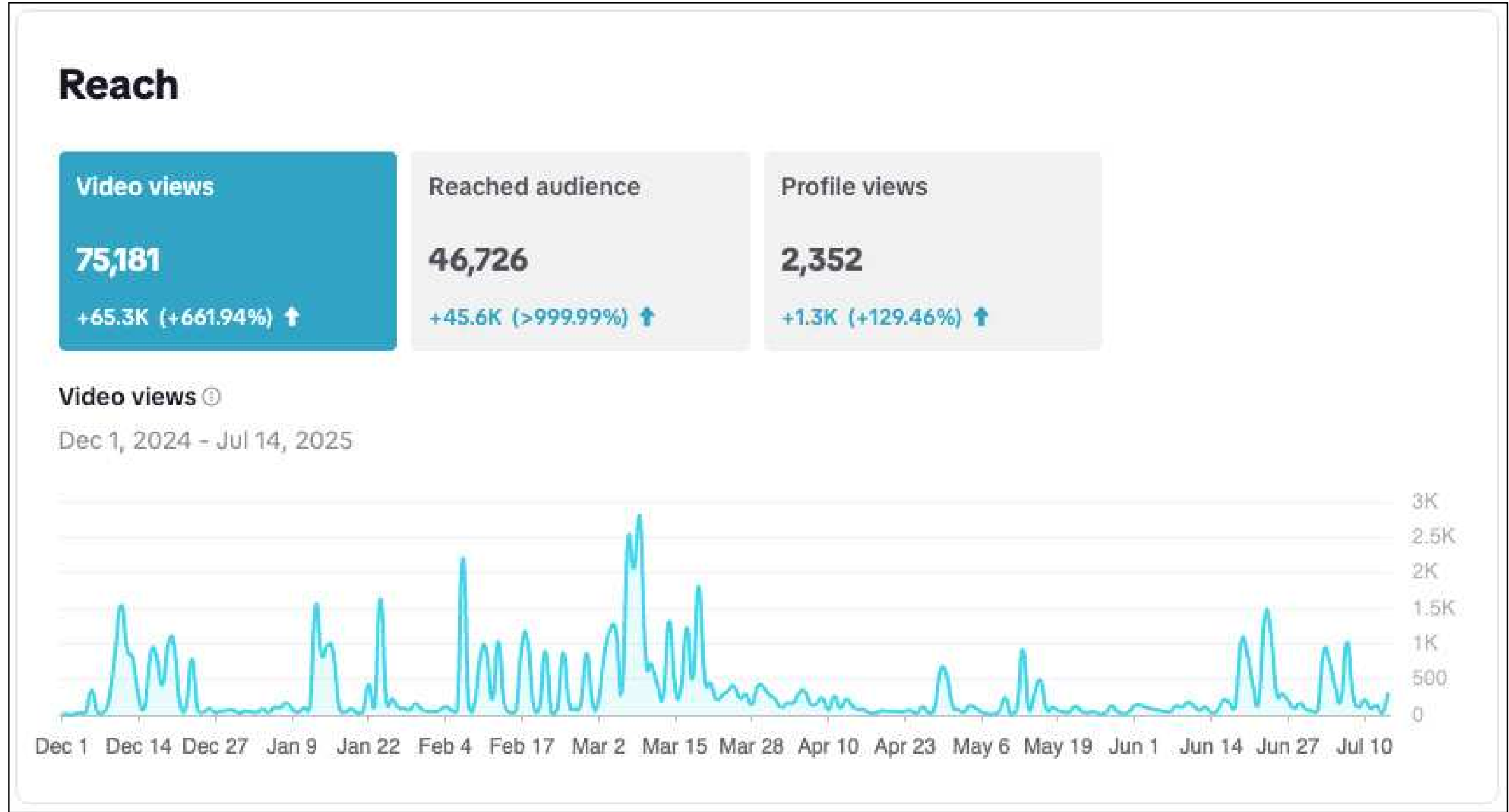
Informative - advice to student applying, travelling or considering college life

Supportive - showcasing that we support different groups of people, LGBT, women in STEM, awareness days

Entertaining - showcasing the events we hold like Godiva and Cov Fest

Reporting - reporting on key events and people like Ofsted, cooking for foundation learners, MEI Maths comp with the BBC Cov & Warwick reporting

Fun trends - Elf on the shelf around the college showcasing the different facilities around the college



Photography/videography

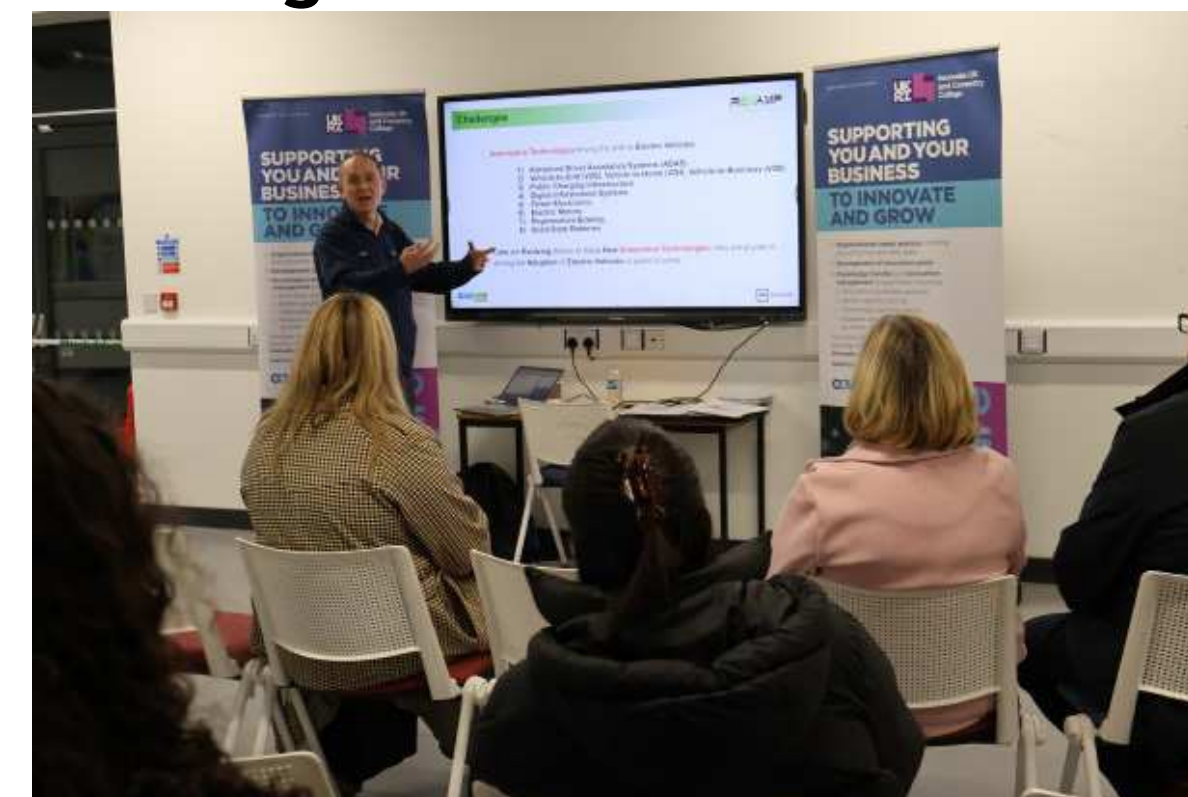


WMCA Mayor visit

Media students nominated at the Phoenix Film Festival



Innovation Discovery training session



Esports hosting online event for Young Carers



Councillor Jim O'Boyle interview



WMCA Helene Dearn visit



Citizen Housing damp and mould training



The M Guru Social Media Masterclass at The Village Hotel

BBC interviews for MEI maths comp





Marketing and Communications Executive

Caitlin Evans

Projects

Technical Apprenticeships Webpage

Technical Apprenticeships Brochure

Research Degrees Campaign Plan

Research Degrees Webpage

WMG Insights and Success Stories

Responsible for PR and Editorial Opportunities

Events

- Micromobility
- Christmas lunches
- Staff headshots
- Star Awards

Internal Comms (6 months cover)

Tone of Voice Guidelines

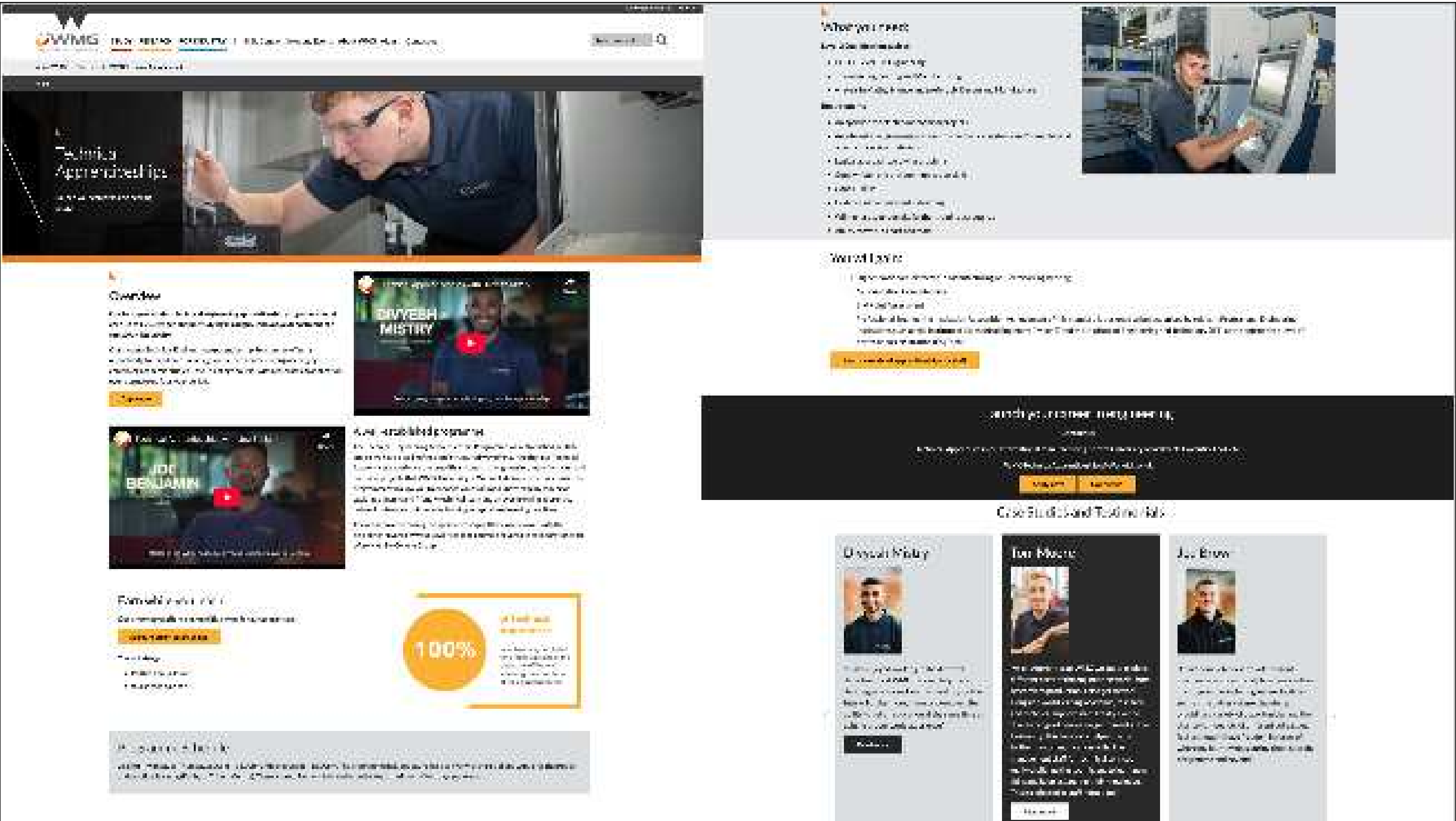
International Women in Engineering Campaign

Marketing Supplies

Corporate Gifts

Technical Apprenticeships Webpage

- I created, kept up to date and edited frequently



Research Degrees Webpage

- I looked after kept up to date and edited frequently

WMG

THE UNIVERSITY OF WARWICK

STUDY

RESEARCH

FOR INDUSTRY

Skills Centre

News and Events

About WMG

Alumni

Contact us

Search Warwick

Q

Study

Research Degrees

Centre for Doctoral Training

Company Sponsorship

Doctor of Philosophy Engineering (PhD)

Engineering Doctorate (EngD)

How to Apply

MSc by Research

Vacancies

Research Degrees

Achieve academic excellence with industrial relevance.

We combine world-leading academic and applied research with real-world industry relevance.

Our experts have created a dynamic and supportive environment, designed to facilitate your independent and original multidisciplinary research. Our research degrees span many sectors, including manufacturing, materials, digital, cyber, healthcare and intelligent vehicles.

View current vacancies

Register your interest

Research Degrees at WMG

Share

Pathways

Our PhD programme focuses intensely on one specific project to improve your body of fundamental knowledge. Our EngD is an industry-focused option, which allows you to work on company-sponsored, real-world challenges to develop yourself as a leader in industry. Our Centre for Doctoral Training combines academia and industry to train research students, engineers and business leaders. Our MSc by Research provides the preparation for a professional career or further research via a PhD or EngD.

Doctor of Philosophy in Engineering (PhD)

Focus on one academic project

Combine doctoral-level research with real industrial relevance in a department globally renowned for academic excellence, business focus, industry collaboration and impact in the competitive marketplace.

Engineering Doctorate (EngD)

Work on one company-sponsored real-world challenge

The EngD at WMG brings real-world industry insight through focusing your research on industry-based projects, whilst working with experienced supervisors from both academic and industrial backgrounds.

Centre for Doctoral Training

Combine academia and industry

Bringing together diverse areas of expertise from both academia and industry to train research students, engineers and business leaders with the skills, knowledge and confidence to tackle today's evolving issues, and future challenges across sectors such as sustainable materials and future mobility.

MSc by Research

Focus on independent research

A Master's by Research degree allows you to focus on independent research rather than being taught directly. Your independent research will normally enhance your existing knowledge of a subject as you work at the boundaries of your field. This programme focuses on training researchers for a professional career or preparing for further research via a PhD or EngD.

Current Vacancies

We are recruiting ambitious, curious and passionate students into our exciting PhD, EngD, CDT and MSc by Research vacancies. We are looking for problem solvers and convergent thinkers to find solutions to issues which will change the future of industry.

Browse our vacancies

How to apply >

How to apply

Uncover the next step in your application

Follow our step-by-step process, which will help guide you from identifying the right opportunity for you, reviewing funding information and submitting your application.

Follow our step-by-step guide



Company sponsorship

Need rigorous research into a specific industry challenge or project?

Our doctoral programmes offer companies an opportunity to harness pioneering research to tackle a specific industry challenge, although the long-term benefits may extend well beyond single projects.

Sponsor a doctoral student



Research at WMG

Research is at the heart of WMG. With many innovative research areas we offer a range of research degree topics so you can pursue your interests and passions. Our projects have strong links with leaders in global industry, meaning your research will be directly applicable to solve the challenges facing organisations today.

Explore our research

Research with impact. Education for life.

RESEARCH FOR IMPACT: EDUCATION FOR LIFE

WMG

Research with impact. Education for life.

WMG Engineering Doctorate (EngD)

My Research Degree | Arun

My Research Degree | Zakiah

Browse current vacancies

Start shaping the future via our exciting PhD, EngD, CDT and MSc by Research opportunities.

Browse vacancies

Research at WMG

Explore our breadth of innovative research areas with world class academics and outstanding engineering dedicated to delivering transformational results in manufacturing and technology.

Explore our research

How to apply

Take the next step on your research journey. We welcome informal enquiries, giving you the opportunity to discuss projects with supervisors as you decide on your next move.

Find out more

Send us an enquiry

Register your interest via our enquiry form. Alternatively, get in touch with a member of our friendly team by email.

Register your interest

Speak to a team member

Dyson Partnership

Creating engineers of the future with Dyson

A shining example of collaboration in modern engineering education

In 2024, WMG at The University of Warwick and [The Dyson Institute of Engineering and Technology](#) celebrated their fourth and final cohort at a ceremony held at Dyson's UK R&D campus.



A total of 150 students, in four cohorts, successfully completed the BEng Engineering Degree Apprenticeship, through the WMG and Dyson partnership, which first began back in 2017.

This was the final cohort to graduate with a degree from The University of Warwick, as the Dyson Institute now moves to independent delivery and degree awarding powers.

Speaking at the graduation ceremony, [Sir James Dyson](#) reflected on the success of the partnership with WMG:

"This graduation marks another change for us as we step out from the partnership with WMG and the University of Warwick. I would like to thank [Professor Robin Clark](#), Dean of WMG; and Professor Stuart Croft, Vice Chancellor of Warwick University. Thank you for saying 'yes' to joining us on this pioneering adventure back in 2017. You took on our pioneering adventure, it was an unselfish undertaking by you, a brave decision. I am sure you are as proud as I am at the achievements of the undergraduates, and the institution they've created. I sincerely hope our close association will continue."

A pioneering adventure

Back in 2016, a conversation between two friends - the late Professor Lord Bhattacharyya, founder of WMG, and Sir James Dyson - sparked an ingenious idea that led to the creation of a bespoke technical engineering degree apprenticeship.

At the time, there was a lot of talk about the engineering skills deficit, and the Universities Minister, Jo Johnson, challenged Dyson to 'grow its own' by establishing its own institution to train young engineers. Dyson had long term ambitions of independent delivery and degree awarding powers yet understood this would take time, and that it would need an established engineering institution to help it to achieve this.

The journey

Professor Lord Bhattacharyya and Sir James Dyson bought academia and industry together, and within just nine months the two institutions had crafted a bespoke technical engineering degree apprenticeship, with four distinct streams - mechanical, electrochemical, electronic hardware and electronic software.

"The UK's skills shortage is holding Dyson back as we look to increase the amount of technology we develop and export from the UK. We are taking matters into our own hands. The new degree course offers academic theory, a real-world job and salary, and access to experts in their field. I know there are many people out there who are as obsessive about engineering as I am - questioning every aspect of a product, how it works, and how it can be better. Therefore, why not get stuck into an engineering job straight from school?" Sir James Dyson, 2017.

Together, WMG academics and Dyson engineers worked tirelessly to ensure that the programme provided the best possible experience for the young engineers equipping them with the necessary skills and in turn addressing Dyson's business needs.



WMG staff travelled down to Dyson to deliver the modules in purpose-built classrooms while the students continued to rotate around the business. A WMG Apprentice Tutor was based full-time at the Dyson campus to support the students and record their progress against the apprenticeship occupational competencies, in preparation for their End Point Assessments - an integral part of apprenticeships.

A staff-student liaison committee was established which helped to shape and refine the programme year on year, helping to create the best possible experience for the students.

The committee was key to providing learners with a voice and was instrumental in delivering the continuous improvement, and in turn contributing to the positive 2024 National Student Survey (NSS) results.

- 100% students reported that they had received assessment feedback on time
- 96.15% agreed it was easy to contact teaching staff when needed
- 96.15% said they had the right opportunities to give feedback on the course
- 92.31% agreed that students' opinions on the course were valued

The results of the End Point Assessments were really impressive too - a 100% pass rate, with 65% achieving a distinction.

The academic results followed a similar pattern with:

- 78 achieving a First-Class honours
- 58 an Upper Second-Class degree

Collaboration and mutual respect

[Professor Steve Maggs](#), who led the initiative, from the first meeting to the final graduation, described it as a real highlight of his career. He explained:

"I've worked at WMG for over 25 years, and the partnership with Dyson is the thing that I am most proud of. I feel honoured to have had the opportunity to be a part of it from the very beginning."

"Working with employers, such as Dyson, is fundamental to the development, delivery, and success of our degree apprenticeship programmes."

"Not only have we built an incredibly strong relationship with Dyson, but this has also helped us to expand our education programmes across various sectors, in response to the needs of industry."

Professor Robin Clark, Dean of WMG, added:

"It has been a privilege to work with colleagues and learners at Dyson in realising the vision of the Engineering Degree Apprenticeship. The collaboration and mutual respect have resulted in, what I believe to be, an exemplar of how academia and industry can work together to achieve amazing results. My congratulations to everyone involved and I look forward to us building on this firm foundation together in the future."

Special thanks go to Professor Steve Maggs; course leads, Dr Matt Sokola and Dr Farah Villa Lopez, and to all of the other academic and professional service staff for making the programme a huge success.

If you are a business interested in finding out more about WMG's Degree Apprenticeship programmes visit: [Degree Apprenticeships](#)

For students looking to study at WMG visit: [Study Degree Apprenticeships](#)

WMG and Dyson Institute celebrate fourth and final graduation ceremony

On Saturday (28th September), WMG at The University of Warwick and [The Dyson Institute](#) celebrated their fourth and final cohort of 35 graduates at a ceremony held across Dyson's UK R&D campus.

A total of 160 students have now successfully completed the BEng Engineering Degree Apprenticeship, through the WMG and Dyson partnership, which first began in 2017.

This is the final cohort to graduate with a degree from The University of Warwick, as the Dyson Institute now moves to independent delivery and degree awarding powers.

The ceremony included speeches from Sir James Dyson, Founder of Dyson; Stuart Croft, Vice Chancellor of the University of Warwick, Mary Curnock Cook, Chair of Council; and Babajide Popoola, Class of 2024 Graduate.

Professor [Robin Clark](#), Dean of WMG, said: "It has been a privilege to work with colleagues and learners at Dyson in realising the vision of the Engineering Degree Apprenticeship. The collaboration and mutual respect have resulted in, what I believe to be, an exemplar of how academia and industry can work together to achieve amazing results. My congratulations to everyone involved and I look forward to us building on this firm foundation together in the future."

[Sir James Dyson](#) reflected on the success of the seven-year partnership with WMG in his commencement address: "This graduation marks another change for us as we step out from the partnership with WMG and the University of Warwick. I would like to thank Professor Robin Clark, Dean of WMG; and Professor Stuart Croft, Vice Chancellor of Warwick University. Thank you for saying 'yes' to joining us on this pioneering adventure back in 2017. You took on our pioneering adventure, it was an unselfish undertaking by you, a brave decision. I am sure you are as proud as I am at the achievements of the undergraduates, and the institution they've created. I sincerely hope our close association will continue."

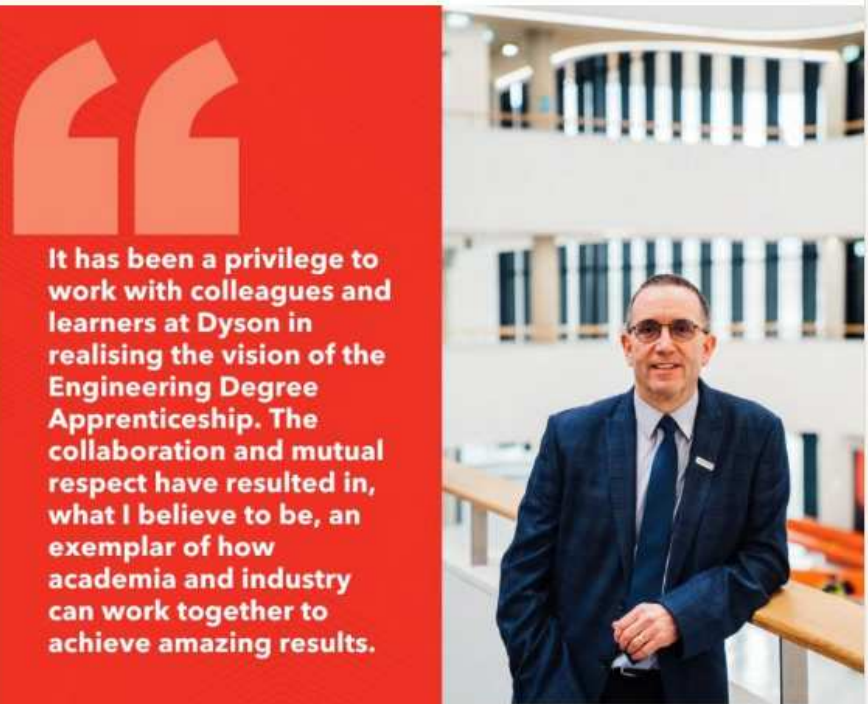


Find out more about WMG's training and skills prog
<https://warwick.ac.uk/fac/sci/wmg/study/why-stud>

A day to remember! Congratulations to the brilliant [#engineering](#) students who graduated from [The Dyson Institute of Engineering and Technology](#).

We are so proud of you all!

Read more about our partnership with Dyson here: [#DegreeApprenticeships](https://bit.ly/3zLPgJE)



Prof Robin Clark
Dean of WMG



International Women in Engineering



WMG, University of Warwick

35,434 followers

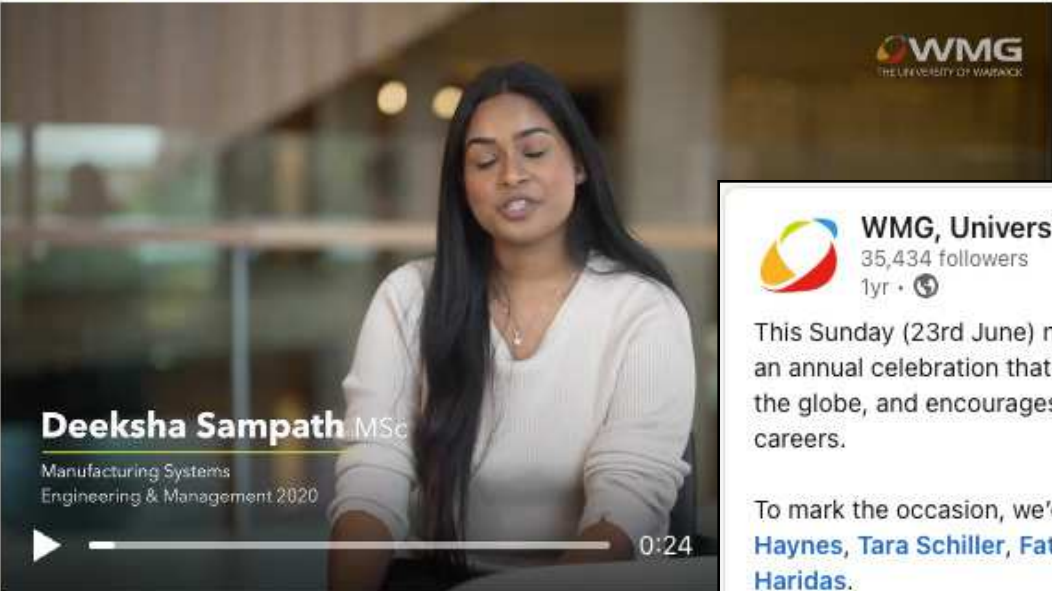
1yr •

Join us in celebrating the remarkable work of female engineers worldwide.

Deeksha Sampath MSc. MIET, a WMG Master's graduate from the University of Warwick, shares her story.

Since graduating, Deeksha now works as a Technology Transfer Engineer as part of the SME Group, here at WMG. She uses her technical expertise to engage with stakeholders across various engineering sectors. She has a keen interest for circular technologies and is currently developing a framework for composite recycling methods. Before joining WMG, she received training from Public Sector Undertaking companies in India involved in the Aerospace, Nuclear and Steel industries allowing her to gain a well-rounded understanding of complex multidisciplinary processes in the Indian and UK industrial markets.

#IWED24 #enhancedbyengineering #WomeninEngineering #WMGAlumni



Deeksha Sampath MSc

Manufacturing Systems Engineering & Management 2020

0:24

100



Celebrating women in engineering with Dr Freeha Azmat



WMG, University of Warwick

35,434 followers

1yr •

This Sunday (23rd June) marks International Women in Engineering Day (INWED), an annual celebration that recognises the amazing work of female engineers across the globe, and encourages other young women and girls to take up engineering careers.

To mark the occasion, we'd like to introduce some of our female engineers **Bethany Haynes, Tara Schiller, Fatemeh Shahbazi, Evelien Zwanenburg** and **Anupriya K Haridas**.

Hear more about their day-to-day jobs, role models and the advice they offer to the next generation.

Find out more about career opportunities with us here: <https://lnkd.in/gMaSnQpE>

#enhancedbyengineering #INWED24 #WomeninEngineering #STEMCareers

WMG Business



Celebrating women in engineering

100

12 reposts



Celebrating women in engineering with Dr Freeha Azmat

"By promoting diversity and inclusion, we are building a stronger, more dynamic academic community where everyone can thrive." – Dr Freeha Azmat, Associate Professor

Meet Dr Freeha Azmat, Associate Professor in the Electrical & Digital Systems Group and Course Director for MSc in Digital & Technological Solutions Degree Apprenticeship at WMG, The University of Warwick. Freeha explains more about her career so far and the importance of highlighting women in engineering.

Freeha has a long list of recognition and awards throughout her career including:

- WMG STAR Award for "Equality, Diversity and Inclusion"
- WMG STAR Award for "Contribution to Undergraduate Education"
- Finalist of an Asian Woman of Achievement Award (Digital and Tech category)
- Received a Lord Bhattacharyya Award to address the engineering skills gap as part of Lord Bhattacharyya Engineering Education Programme (LBEPP)
- Best Student Award, University of Leicester
- Best Theoretical Project Award, University of Leicester

Having always been passionate about academia driven by her love for teaching and research, Dr Freeha Azmat worked as a part-time lecturer whilst studying for her PhD at The University of Warwick.

"In 2016, after completing my doctorate, as Warwick Chancellor's International scholar, I transitioned into a permanent academic role. This move allowed me to fully immerse myself in academic life, expanding my research and developing more effective teaching methods. My current position enables me to inspire and mentor students while continuing to explore new ideas and advancements in my discipline.

"The opportunity to engage with students and contribute to my field was incredibly rewarding and solidified my desire to continue in academia."

Freeha tells us how she thrives in her role at WMG

"WMG is renowned for its strong industry-academia collaboration and emphasis on applied learning, which greatly attracted me to work here. Over the past eight years, I have thrived in this innovative and forward-thinking environment. The opportunity to engage in projects that bridge academic research with real-world industry applications has been incredibly fulfilling.

"Being part of such a dynamic department allows me to continuously learn and grow, working alongside experts and students who are passionate about making a tangible impact. This unique blend of academic rigor and industry relevance is what makes WMG a truly exceptional place to work."

Promoting female role models in STEM can inspire more women to join the field

"Research and innovation thrive on diversity, enhancing collective performance. To meet the growing demand for future engineers, the engineering workforce must become more diverse, attracting more women to the field. Females with women in STEM role models show a greater interest in pursuing STEM careers compared to those without such role models. These women also seek more family support and are more aware of societal gender stereotypes in STEM fields.

"While females are generally less concerned about being compared to their male counterparts, they significantly benefit from having women role models in STEM. These role models are essential for maintaining their interest in STEM careers. Promoting female role models in STEM can inspire more women to join the field, thereby closing the gender and skills gap in engineering. This long-term strategy is crucial for fostering a diverse and effective engineering workforce."

WMG offers an environment where the right opportunities can help women to thrive, Freeha explains;

"Our students are making a significant impact across various industries, from automotive and rail to fintech and banking. For instance, WMG and JLR Digital and Technology Solutions Degree Apprentice, **(Paris Sima)**, won the **Apprentice Of The Year Award** at the **Multicultural Apprenticeship Awards** in Birmingham.

"In 2023, I led a project (along with two other colleagues) to enhance research culture by **improving women's access to and participation in research**. This initiative provided internships to **20 female students from the Faculty of Science, Engineering, and Medicine**, allowing them to delve into engineering. Most students reported combatting imposter syndrome and self-doubt during their university years. However, the internships demonstrated their capability to excel in the workplace, boosting their confidence.

"This experience highlights that with the right opportunities and environment, female engineers can thrive and shine. Providing such platforms not only enhances their professional growth but also contributes to a more diverse and inclusive engineering workforce."

Freeha has made significant contributions to Equality, Diversity, and Inclusion (EDI) within WMG. Collaborating with diverse groups of students and colleagues, she has driven positive change and addressed inequalities.

"My efforts have supported numerous individuals in the department, enabling them to take on new roles and achieve their goals. As a result, 50% of our undergraduate course leads are now women.

"I have also led a **series of guest lectures featuring inspiring women**, where each speaker shared their experiences of overcoming challenges and seeking opportunities to develop their skills and capabilities. This lecture series has fostered an inclusive and empowering environment, providing valuable insights and motivation to all attendees."

Freeha's advice to young aspiring female engineers

"My advice for women in engineering is to trust your abilities. The field of engineering and technology is demanding, but your unique perspectives and skills are essential. Seek connections with female engineers who can provide guidance and support. Their experiences and insights can be incredibly helpful as you navigate your career."

For more information about WMG careers please visit: <https://warwick.ac.uk/fac/sci/wmg/about/careers/>

Wed 26 Jun 2024, 12:24 | Tags: [Education](#)



Engineering education

Meet Jane Marshall, Course Leader for MSc Engineering Business Management at WMG, Module Owner and tutor for Quality, Reliability and Maintenance and Department Senior Tutor (PG).

During her twenty years of teaching at the University, Jane has witnessed a remarkable evolution in engineering education. She champions active engagement and practical application in teaching, emphasising hands-on learning. Additionally, Jane advocates for diversity in engineering, especially encouraging women to pursue STEM fields. She shares insights on teaching philosophy, student engagement, and the importance of alumni connections.

What changes have you seen in the MSc Engineering Business Management course over your 20 years at the University?

Our MSc Engineering Business Management course has undergone a gradual evolution, notably accelerating in the last ten years. This transformation has been primarily driven by dynamic shifts in industry, including the emergence of Industry 4.0 technologies. Courses are surrounding Industry 4.0 have initiated a technological revolution, particularly with the integration of connectivity, or the Internet of Things (IoT), which has transformed operational processes.

Additionally, the COVID-19 pandemic prompted a fundamental rethink of our teaching methods. The pandemic, alongside Industry 4.0 advancements, moved us from traditional teaching to more innovative approaches. Recognising the strong influence of the internet over the past decade, we have reevaluated our teaching strategies, introducing updates to our curriculum to align with technological advancements. Newly introduced modules, such as **Big Data Analytics for Industry**, signify our commitment to equipping students with modern industry skills, reflecting the increasing importance of computer simulations and data analytics in engineering decision-making processes. By embracing innovative approaches and integrating cutting-edge technologies into our curriculum, we empower students to thrive in today's ever-changing professional landscape.

What is your teaching philosophy and how do you actively engage students in your classes?

My teaching philosophy revolves around active engagement and practical application. While lectures provide foundational knowledge, I integrate interactive exercises such as case studies and problem-solving tasks to deepen understanding. I aim to cultivate critical thinking skills by connecting course material to real-world scenarios, preparing students for the challenges they'll face in their careers. Ultimately, it's about empowering them with the skills and confidence needed to succeed beyond the lecture theatre.

Are there any other rewarding aspects of your role?

Witnessing the growth and development of my students throughout their time in the programme is incredibly rewarding. Initially, they often arrive feeling anxious and uncertain, but as the year progresses, I witness a remarkable transformation. It is fulfilling to see them gain confidence and expertise, evolving from hesitant learners into skilled professionals. Furthermore, hearing from graduates about how they've applied their knowledge in real-world job interviews is rewarding. These moments serve as powerful reminders of why I love teaching.

What does diversity in engineering mean to you, and what advice would you give to women?

When I worked in an engineering company years ago, there were few women among hundreds of men. Although things have improved, female representation is still low.

Diversity in engineering means being open to learning from different points of view, regardless of where they come from. Every perspective is valid, and it's essential to listen to them. Different voices bring unique perspectives and ideas to engineering, which can change the narrative of the field. Unfortunately, many women don't pursue engineering because they still see it as a practical, male-dominated domain. This perception starts from childhood, where boys are often encouraged to build and create, while girls are not. Even if girls excel in maths and science, they might not see engineering as a viable career option.

"Encouraging more women in engineering requires changing how we raise our children and providing equal opportunities early on. It's about nurturing a culture where girls feel empowered to explore STEM fields and supporting them to thrive professionally."

Or how do you stay connected with alumni over time?

I find it incredibly rewarding to stay in touch with former students. They often reach out unexpectedly, seeking references or advice, sometimes years after their graduation. For example, just recently, a student from ten years ago contacted me for guidance in pursuing their career goals, and I was more than happy to provide support. Similarly, several students from last year dropped by campus to share their excitement about landing new jobs, which was truly heart-warming.

During last November's Institute of Engineering accreditation event, we had the pleasure of hosting several Engineering Business Management alumni. We spent the day together, discussing their journeys in the workforce, sharing insights into the job market, and providing mentorship to current students.



To nurture these relationships, I make it a priority to keep my door open to everyone, whether it's current students or alumni.

Looking ahead, I'd like to invite more alumni to campus to engage directly with our students, providing them with inspiration and guidance. I see it as a valuable opportunity to enrich the student experience and strengthen our alumni network. Ultimately, our alumni play a crucial role in supporting our students, offering invaluable insights, and inspiring them to reach their full potential in their careers.

About Jane

From a young age, Jane aspired to teach. Initially a mathematics student, she ventured into engineering, through her final year project at Aberystwyth University. Here, she found her niche and then moved on to Loughborough University where she earned a PhD in Reliability Engineering.

Jane's career spans from her early days as a research assistant at Loughborough University, lecturer at Nottingham Trent University and consultancy in reliability engineering to a reliability engineer and researcher at Lucas Aerospace. In 2009, Jane joined WMG and is now Course Leader for MSc Engineering Business Management at WMG, Module Owner and tutor for Quality, Reliability and Maintenance and Department Senior Tutor (PG). Her journey reflects a lifelong commitment to education and support for students.

Fri 11 Jun 2024, 11:09 | Tags: [Education](#)

WMG's people

We are so proud to hear our Director of the Academic Centre of Excellence in Cyber Security Education (ACE-CSE), **Dr. Harjinder Singh Lallie**, joins both Dr Hany Atlam and Professor **Carsten Maple**, our Director of the Academic Centre of Excellence in Cyber Security Research (ACE-CSR), on the the Stanford Elsevier Top Scientists List.

Congratulations Harj!

Read more here: <https://bit.ly/3NJO0AX>

#CyberSecurity #Top2PercentScientists



I'm really proud to have made this list. I have been meticulous, careful and organised about where I submit papers, and how I organise my research and papers. Most importantly, I am very conscious of connecting the research to the classroom experience so that students can see a research-led future.

Dr Harjinder Lallie

243

WMG, University of Warwick
35,434 followers
10mo • Edited •

We were delighted to hear that two WMG Professors have been elected as Fellows of the **Royal Academy of Engineering**.

Congratulations to the Head of our Advanced Steel Research Centre, Professor **Claire Davis**; and the Head of our Metrology and Visualisation Research Group, Professor **Mark Williams**

Read more: <https://bit.ly/4e7Lnoj>

#RAEngFellows



258



59 comments • 7 reposts

WMG Professors become Fellows of the Royal Academy of Engineering

Two Professors at WMG at the University of Warwick have been elected as Fellows of the prestigious **Royal Academy of Engineering**.

Professor **Claire Davis**, Head of Advanced Steel Research Centre; and Professor **Mark Williams**, Head of the Metrology and Visualisation Research Group, at WMG, have been elected as part of a group of 71 leading figures in the field of engineering and technology.

The group consists of 60 Fellows, six International Fellows and five Honorary Fellows, each of whom has made exceptional contributions to their own sector.

Each Fellow has been involved in pioneering new innovations, leading progress in business or academia, providing high level advice to government, or promoting wider understanding of engineering and technology.

The new Fellows will be formally admitted to the Academy at a special ceremony in London on 27 November, when each Fellow will sign the roll book.

In joining the Fellowship, they will lend their unique capabilities to achieving the Academy's overarching strategic goal to harness the power of engineering to create a sustainable society and an inclusive economy for all.



Professor Davis said: "I am very honoured to have been elected a Fellow of the Royal Academy of Engineering. It is an exciting and dynamic time for the global steel industry and I look forward to working with the Royal Academy in promoting clean technologies for the future."

Professor Mark Williams said: "I'm honoured to be elected as a Fellow of the Royal Academy of Engineering. I am grateful to colleagues across the country who have seen fit to elect me."

"It's a long way from my time as an apprentice to the Royal Academy. I'd like to thank the Academy for supporting me over my career here and look forward to working with the other Fellows."

Dr John Lazar CBE FREng, President of the Royal Academy of Engineering, says: "We are proud to say that many of our newly elected Fellows have come from underrepresented groups in engineering, helping to tackle some of the issues around a lack of diversity within the profession."

"There is ample evidence that a wider pool of ideas and experiences helps to improve decision-making and development in engineering."

See the complete list of Fellows elected here: [Royal Academy of Engineering Fellows 2024 \(raeng.org.uk\)](https://www.raeng.org.uk/news/2024/04/raeng-fellows-2024)



Deeksha Sampath MSc MIET

Technology Transfer Engineer

Deeksha Sampath is a Technology Transfer Engineer at WMG, at the University of Warwick, below we look at her journey into a STEM career.

Growing up

Deeksha's inspiration to work within engineering comes from a very young age. Growing up in India, her parent's jobs required frequent travel, where she would often notice various transport modes such as, cars, trains, and airplanes. She was always fascinated by transport and was interested in building things when she was younger. Her grandfather who was an engineer, indulged her desire to build by buying her Lego sets, they would sit together every Sunday to make miniature replicas of motor vehicles. By the time she completed high school, her passion for engineering, and its application to create social impact only increased, which is why she took up mechanical engineering despite being one of 3 girls in a batch of 400.

Career

Deeksha completed her bachelor's in mechanical engineering, followed by a master's in manufacturing systems engineering. She has a keen interest for circular technologies and also worked on developing a framework for composite recycling methods. Before joining WMG, she worked as a Junior Research Trainee under the Government of India in Public Sector Undertaking (PSU) companies such as the Hindustan Aeronautics Limited, BHAVINI and Steel Authority of India, involved in the Aerospace, Nuclear and Steel industries. This allowed her to gain a well-rounded understanding of complex multidisciplinary processes in the Indian and UK industrial markets.

Working at WMG

Deeksha now works as a Technology Transfer Engineer as part of the SME Group, here at WMG and is a key member of the **Net Zero Innovation Network (NZIN)**. She uses her technical expertise to engage with stakeholders across various engineering sectors, sharing best practices. Her day-to-day job involves collaborating with SME clients based in the UK through workshops, events and supporting them with sustainability and materials projects such as, measuring product carbon footprints, performing energy monitoring interventions to establish baseline and provide recommendations. She also performs materials characterization of steels and polymers to identify the root cause of material failures and supports client journey through UK government funds for business cases where required. Additionally, Deeksha is also an active member of the University's EDI committee and spends her time supporting outreach programs at Warwick such as being a speaker for the Thrive Women's Personal Development Program, Panel member at the International Women in Engineering day and volunteers for the IET and MAN group's annual Design and Make Challenge.

Achievements

This year Deeksha was recognised by the Women's Engineering Society as a part of the Enhanced by Engineering - Top 50 Women in Engineering in the Midlands (MWES).



at WMG at the University of Warwick to understand

ts. Nicola quotes 'nothing about us with every decision made for them at the end of everything.

ing, by understanding their wants it spaces such as a cooking area at foods; quiet places for those with student hub where they can learn

oring. This allows students, who ensuring that everyone is able to get

iddle, that inspires colleagues to meet collectively to focus on student-related topics which provides a rapid identifying the achievable goals. She also led many more initiatives which also focus on ED&I.

ured and privileged to win the award; it really is a career highlight. The award represents the team and the take our education provision inclusive."

ts said, "Congratulations to both Nicky and Kayleigh on winning their awards. It is fabulous to see our staff such as this really do help to showcase the amazing work our people do for industry, for student

[talentawards.com/](https://www.talentawards.com/)

Thu 03 Oct 2024, 13:40 | Tags: [Education](#) [Awards](#) [Degree Apprenticeships](#)

Celebrating success at the Engineering Talent Awards

Congratulations to Degree Apprentice Alumna, Kayleigh Poulter and WMG Associate Professor and Assistant Dean of Student Experience, Nicola Knowles who both take home Engineering Talent Awards.

The Engineering Talent Awards showcases role models and inspiring people to celebrate the diversity of organisations and engineers. The awards help to raise the profile of the engineering and technology professions across the UK.



Kayleigh Poulter received both the Engineering Graduate of the Year and Overall Excellence in Engineering awards for her amazing work in building more neuroinclusion into Dyson products.

Kayleigh earned a BEng Engineering as part of her Degree Apprenticeship from the University of Warwick, which WMG delivered in partnership with The Dyson Institute of Engineering and Technology.

An advocate for equality, diversity and inclusion, Kayleigh's studies focused on accessibility, designing technologies for those with sensory sensitivities and neurodivergences. After conducting user trials, she developed recommendations to make Dyson products more accessible, a contribution that has influenced Dyson's design processes.

During her studies Kayleigh led initiatives like LGBTQIA+ afternoon teas and played a vital role in improving support for neurodivergent and mental health needs.

Kayleigh Poulter said, "I thoroughly enjoyed working on my final year project, investigating designing for sensory sensitivity differences, and considering inclusive design more generally. I am extremely grateful to have been recognised for this, and my other work in the ED&I space, and I'm committed to continuing this work wherever I can."

Associate Professor, Nicola Jane Knowles also brought home an award for University Engineering Staff Member of the Year.



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We would like to say a huge welcome to our new Technical Apprentices starting their apprenticeship journey with us here at WMG.

It's fantastic to have you all on board!

To find out more about our Technical Apprenticeships visit: <https://lnkd.in/gu4hW26X>

#TechnicalApprenticeships #Engineering #Manufacturing #SkillsforLife #Apprentice #NMD2024



90

4 comments • 2 reposts

Micromobility UK

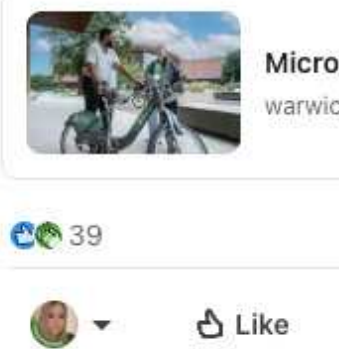
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There's just over a week to go until Micromobility Live - the largest in-person conference in the UK, focussing purely on micromobility.

Professor [David Greenwood](#), our Director of Industrial Engagement at WMG and CEO of the High Value Manufacturing Catapult at WMG, explained, "We are absolutely delighted to host the 4th annual Micromobility UK conference.

"This year is going to be an important one for micromobility. We now have a new government and feel optimistic that we will see new policies around micromobility enabling the sector to really flourish."

Fancy joining us? Details at [#Micromobility](#) [#Transport](#) [#WMG Business University](#)



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👀 Next week! 🚲 Micromobility UK 2024 📢

We're looking forward to it, are you?

💬 We've got 30+ speakers
🚲 10+ demo vehicles to try out
🌐 Over 180+ companies attending
🌟 350+ attendees registered 📍 so far! 📍

Register here: <https://lnkd.in/ecP9trav>

Mark Urbanowski Charlie Ward Sophia Gibbs WMG, University of W Value Manufacturing Catapult NatWest Group Zag Daily



Micromobility UK 2024 REGISTER

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5 reposts



Micromobility UK is back!



WMG at the University of Warwick is hosting Micromobility UK, on Wednesday 18th September, at the Oculus building located on the Warwick campus. This will be the largest in-person conference, in the UK, focussing purely on micromobility.

Sponsored by NatWest, the event will also showcase the Clean Transport Accelerator – a programme supporting businesses to develop products and services to help address the UK's net-zero goals.

Visitors can expect to see a jam-packed agenda with speakers on topics such as last-mile logistics; accessibility and inclusion; battery safety and future e-scooter regulations.

Discussions will also be held around making towns and cities safer for all micromobility, from scooters to larger cargo vehicles.

Expert speakers include:

- Julian Scriven, Managing Director, Brompton Bike Hire
- Katie Miller-White, Transport Innovation Coordinator, Transport for West Midlands
- Caz Conneller, Director of Community and Culture, Loud Mobility
- Adam Norris, Founder, Pure Electric
- Peter Eland, Technical Manager, The Bicycle Association of Great Britain
- Michelle Gardner, Deputy Director of Policy, Logistics UK
- Robin Haycock, Chief Technology Officer, Fernhay
- Kay Inckle, Campaigns and Policy Manager, Wheels for Wellbeing
- Andrew Bradley, Net Zero & Transport Lead, NHS
- George Beard, Head of New Mobility, TRL
- Lizzie Gaden, E-Scooter Trial Stakeholder & Contracts Manager, Transport for London
- Shayan Yaghoobi, Engineering Lead, Office for Product Safety and Standards, DBT
- Kevin Savage, COO, Delivery Mates
- Alfie Brierley, Director of Policy and Public Affairs, Motor Cycle Industry Association
- Rob Hill, Fire Investigation Officer, London Fire Brigade
- Phil Ellis, Cofounder, Beryl
- Mark Riley, Delivery Design Manager, Royal Mail

Exhibitors include Composite Braiding, if.vehicles, Ebco, Bo Mobility, MTD Ltd, AlsoBikes, DOCK-Y, Warwick University Science Park, Eskuta, Spokesafe, Komodo Bikes, Business Growth West Midlands, Maeving, Coventry and Warwickshire Growth Hub, Transport for West Midlands and Beryl. There will also be live demos and the chance to trial micromobility vehicles around a dedicated route.

Professor [David Greenwood](#) , Director of Industrial Engagement at WMG and CEO of the High Value Manufacturing Catapult at WMG, said, "We are absolutely delighted to host the 4th annual Micromobility UK conference.

"This year is going to be an important one for micromobility. We now have a new government and feel optimistic that we will see new policies around micromobility enabling the sector to really flourish."

To register for the event visit: <https://warwick.ac.uk/fac/sci/wmg/news-and-events/events/micromobilityuk/>



Mon 09 Sept 2024, 11:32 | Tags: [HVM Catapult](#) [Micromobility](#)

WMG Professor shares expertise on Automated Vehicles with MPs



Professor Siddhartha Khastgir, Head of the Safe Autonomy Research Group at WMG at the University of Warwick, contributed his expertise to the latest Parliament Office of Science and Technology (POST) briefing on Automated Vehicles (AV). This peer-reviewed briefing is primarily published to provide the most up-to-date research to MPs in response to the [AV Act 2024](#) and future AV development and deployment in the UK.

The briefing highlights the current state of AV development in the UK, including its social; economic; and environmental benefits and concerns, as well as the recommended next steps.

Currently, there is no universally agreed-upon testing method to define and measure the safety of AVs, for example, how many miles should be driven to prove that an AV is safer than a human driver. Professor Khastgir suggests focussing on the quality of the testing miles and establishing operational conditions in different road driving scenarios in detail, like heavy snow or rain. This would enable the users to be well-informed about the safety boundaries when using technology in different road conditions.

Professor Khastgir also emphasises the importance of communicating with technology developers and other stakeholders to put the public at the heart of the future users to know how to use it safely. To achieve this, WMG co-funded the [Department for Transport](#); the [Department of Business and Trade](#) [Midlands](#), to deliver public awareness and education programmes.

Professor Khastgir said, "I am very honoured to have had the opportunity to understand more about the current state of AV development in the UK.

"Now is a unique time for the UK as we enter the secondary legislation for *human driver* is good for philosophy but lacks technical understanding and government need to work together to share knowledge, exchange information and facilitating cross-sector collaborations to ensure the safe deployment of AVs."

"PAVE UK, the national initiative to educate the public on AVs, is working on an engagement programme for the public to enable a two-way conversation on AVs, accessible and inclusive."

Professor Khastgir said a lot more needs to be done to gain public trust in AVs. The developing will introduce AV and its functions, benefits and limitations, reviewed by local and regional public groups before publication. These findings will be shared with the industry.

The POSTBrief in full can be found here: <https://doi.org/10.58248/PB62>

Find out more about WMG's Safe Autonomy Research Group here: <https://warwick.ac.uk/fac/sci/wmg/news-and-events/events/micromobilityuk/>

Parliament Office of Science and Technology (POST) brief

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Our Head of the Safe Autonomy Research Group, Professor [Siddhartha Khastgir](#), contributed his expertise in safety assurance for automated transport systems to the latest [POST](#), [UK Parliament](#) briefing on Automated Vehicles (AV).

This peer-reviewed briefing is primarily published to provide the most up-to-date research to MPs in response to the AV Act 2024 and future AV development and deployment in the UK.

Read more from Professor Siddhartha Khastgir at the POSTbriefing: <https://lnkd.in/eJyS6Gsi>

To work with the Safe Autonomy Research Group, please email SafeAutonomy@warwick.ac.uk.

WMG Business

[#SafeAutonomy](#) [#AutomatedVehicles](#) [#AVs](#) [#AVAct2024](#) [#Safety](#)



To envision a safe AV future industry, academia, policymakers, and the government need to work together to share knowledge, exchange information, and tackle the social and technical challenges. At WMG, we have been leading and facilitating cross-sector collaborations to ensure the safe deployment of AV on the UK's roads.

Professor Siddhartha Khastgir
Head of the Safe Autonomy Research Group



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News and Insights



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Last month ‘The Ripple Effect’ conference which aims to inspire women in STEM careers took place at The University of Warwick.

We caught up with [Jacqui Murray](#) South Wales Regional Director for [High Value Manufacturing Catapult](#) and Dr [Mel Loveridge](#) Associate Professor at WMG, who took part in panel discussions during the event.

Mel Loveridge said, “I felt privileged to participate in the recent Ripple Effect Conference, mainly (but not exclusively) aimed at women in engineering and technology.”

Jacqui said, “Discussions were full of lived experiences and flavour!”

Read more here: <https://lnkd.in/eXvbMMA3>

[#STEMcareers](#) [#TREC2024](#) [#WomeninTech](#) [#WomeninEngineering](#)



The Ripple Effect – a conference which inspires women

The Ripple Effect Conference, curated by Warwick alumna and University Council member, Yewande Akinola, took place at The University of Warwick recently. The event offered valuable insights from industry experts and inspiring women in engineering, technology, innovation and business.

At the event the audience heard key insights from Dr [Mel Loveridge](#), Associate Professor at WMG and [Jacqui Murray](#), South Wales Regional Director for [High Value Manufacturing Catapult](#), who took part in a panel discussion with [Innovate UK](#).



science, technology, engineering and maths. [Nav Sawhney](#), founder of [The Washing Machine Project](#), also attended the conference and discussed an initiative which aims at reducing the burden of hand washing clothes for women and girls worldwide, allowing them more time for rest, work, and education.

Jacqui Murray said, “Being part of something as inspiring as the [Ripple Effect Conference](#), alongside women such as WMG’s Dr [Mel Loveridge](#) and [Innovate UK](#)’s [Emily Knott](#), who has changed the way [Innovate UK](#) funds women entrepreneurs and some of their award-winning [Women in Innovation](#), was a privilege and not something to miss! I even brought along my 14-year-old daughter Evelyn.

“From finding your own truth in feedback you have been given, to supporting other women around us in their careers - all the way through to how one of the entrepreneurs juggled the demands of the aerospace industry as well as chocolate manufacturers, discussions were full of lived experience and flavour! It provided food for thought on the need for more women to join non-exec and executive boards, and how we should be able to leverage any part of our journeys that have been made harder in our lives - after all we have learnt more!”

As part of the event, there was also guided tours of WMG’s International Manufacturing Centre led by the Technical Services team.

If you would like to find out more about WMG’s women in engineering visit: <https://warwick.ac.uk/fac/sci/wmg/about/equality-diversity-and-inclusion/>

Mon 12 Aug 2024, 09:32

WMG student-led initiative takes home public engagement award

WMG students were recently recognised at the Warwick Awards for Public and Community Engagement (WAPCE) 2024 for their efforts in delivering public engagement activities over the last year.

[CyberWomen@Warwick](#), a student-led initiative founded in collaboration with students on WMG’s Cyber Security programmes and staff at WMG’s Cyber Security Centre, received the Student Team Award at a celebration event on campus.

Through initiatives such as school outreach programmes, a national conference, and various competitions, CyberWomen@Warwick aims to inspire more women into the cyber security industry and promote inclusivity and positive change within STEM. Their hard work and dedication has resulted in considerable and long-term gains in knowledge, appreciation, attitude, interest, and participation from all involved.

Maria Motter, Vice President of CyberWomen@Warwick, said “We’re incredibly honoured to have received the Warwick Award for Public and Community Engagement. This recognition is a testament to the dedication and passion of the entire CyberWomen@Warwick team. And it strengthens our commitment to continue empowering women and non-binary people in the cybersecurity field and inspire the next generation of leaders.”

The WAPCE awards celebrate the vital contributions of Warwick students and staff in engaging the public with learning and discovery, strengthening the University’s role in the community. [Find out more about the WAPCE Awards 2024](#)

Dr Elizabeth Titis, Assistant Professor and Academic Lead for Cyber Security, said “We’re proud to be part of the wider community. The WAPCE award is yet another accolade for the team and forward to the next big steps together!”





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Congratulations to our cyber security students who won The [University of Warwick](#), Public and Community Engagement Award for inspiring more women into cyber security and promoting inclusivity and positive change within STEM.

Read more here: <https://lnkd.in/ej33M4yk>

[#WAPCE](#) [#CyberSecurity](#) [#STEM](#) [Warwick Institute of Engagement](#)



👍❤️🔥 72

4 comments · 3 reposts

👤

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Criminal convicted of making 3D printed guns thanks to WMG expert

Analysis of homemade 3D printed assault rifles at WMG at The University of Warwick has helped convict a criminal in a ground-breaking case.

Several homemade 3D printed guns were seized by [West Midlands Police](#) at the home of David Biddell-Portman in December 2020 as part of Operation Captiva, a Police response designed to reduce firearm deaths across greater Birmingham.

[Professor Mark Williams](#), an expert in 3D printing and scanning at WMG was called in by West Midlands Police. His 3D scanning machines are 100 times more powerful than a hospital CAT scanner and can view images in detail smaller than a human hair.

By using his cutting-edge technology to scan the weapons, Mark was able to discover the amounts of metal and plastic in each of the weapons. This is achieved by analysing the different densities of the materials.

This crucial evidence helped prove that these homemade guns would be working and potentially deadly weapons. It also showed the levels of sophistication, effort and premeditation that went into the construction of the guns.

This evidence was crucial in securing a conviction, with the defendant receiving a five-year sentence.

Professor Mark Williams said: “It’s satisfying to see justice served, and I’m glad to use our technology in any way we can to help the efforts of West Midlands Police.

“By making this sort of technology available to the public sector, we’re ensuring it’s not just big companies that have access to cutting edge techniques.

“A dangerous criminal is now off the streets thanks to the efforts of West Midlands Police, and I look forward to our continuing work with them.”

By scanning the guns, police ensured that the judge and jury were aware of the extensive use of metal in the weapons – a sure sign that, when completed, they would have been working and potentially deadly weapons.

It also meant that the state of the guns was recorded if they deteriorated during test firing of the weapons by police, something that often occurs with 3D printed guns. The scanning also ensured that the police, judge and jury could understand the evidence surrounding the weapons.

For many, 3D printed weapons have never been encountered before, and are often irregular and defy categorisation due to their black market, homemade construction. With the scans, police could identify the closest professionally made weapons and make comparisons.

Michelle Painter, Deputy Head of Forensics at West Midlands Police said: “The application of the use of Micro CT scanning in criminal cases confirms that our technology has no limits.

The conviction is the latest success in the decade long partnership between WMG and the police, with the technology being used in over 300 cases since 2014.

The full paper on the case can be read [here](#).
Read more about WMG’s Centre for Imaging, Metrology, and Additive Manufacturing.



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Our Head of the Metrology and Visualisation Research Group, Professor [Mark Williams](#) has worked with [West Midlands Police](#) to help convict a criminal by using cutting-edge technology to scan homemade 3D printed assault rifles in a ground-breaking case.

Professor Mark Williams said, “It’s satisfying to see justice served, and I’m glad to use our technology in any way we can to help the efforts of West Midlands Police.”

Read more here: <https://lnkd.in/dhUPdBkF>

[#3DImaging](#) [#3DScanning](#) [#ForensicImaging](#)



Find out more about WMG’s scanning capabilities

Analysis of 3D printed assault rifles at WMG

WMG News

Criminal convicted of making 3D printed guns thanks to WMG expert

Find out more about WMG’s scanning capabilities

Analysis of 3D printed assault rifles at WMG

The rapid adoption of using digital tools in clinical research: investigating the best practices and barriers in the post-COVID era



The COVID-19 pandemic has had a huge impact on the acceleration of digital tools used within health, social care and clinical research. A government report *'The Future of Clinical Research Delivery: 2022 to 2025 implementation plan'* (Department of Health and Social Care, June 2022) sets out a future vision of delivery which includes research enabled data and digital tools.

In collaboration with NIHR CRN West Midlands a team of academic researchers at WMG at the University of Warwick have explored the adoption and use of digital tools within clinical research, and people's experiences of using them. The study investigated the following questions: Which digital tools are are clinical research teams using? Which digital tools were considered to be effective (and ineffective)? Are there any barriers to digital tool use?

The research was conducted over two phases. Firstly, a comparative report on findings of three separate online surveys with the following participant groups within the CRN West Midlands region:

- 1) Researchers and related staff
- 2) Research and development staff

Secondly, those participants also had the opportunity to take part in a qualitative interview which was analysed and summarised into **10 themes**.

Participants agreed that digital tools were defined as an online device that could connect to the internet and used to make research more efficient. Digital tools have been adopted across all stages of clinical research including management, recruitment, and data collection. **Impact of the COVID-19 pandemic rapidly increased the use of digital tools** and the attitudes towards the implementation of this is one of acceptance amongst staff. The **benefits of using digital tools** included convenience, accounting for individual differences, efficient use of time and easy connectivity between colleagues. However, the **drawbacks of using digital tools** included, technical issues, difficulty reading interactions over digital means (compared to face-to-face), learning how to use the system and a lack of clarity on which digital tools worked best on a task-by-task basis.

There was little choice in **selecting which digital tool they used**, mostly because the tools would be used across the organisation such as MS Teams or SharePoint; however, some participants stated that they used a bespoke system. Staff would often find out about other recommended tools through word-of-mouth and suggested creating a standardisation process which helps outline the tool's use and selecting the appropriate from a list of suggestions.

There were several identified **barriers to using digital tools** which included: attitudes towards using them, conflict between carrying out a patient-centred job and finding time to learn to use new digital tools, and resources (such as budget and expertise). To overcome some of the barriers, some organisations used a hybrid approach using both paper and digital. However, this increased workload for some staff due to data management requirements. Participants explained **training** can help staff to feel more comfortable using digital tools, however, a flexible approach is needed to understand individuals' barriers to using them. Training was provided on some of the tools using different methods, however, training wasn't always specific for digital tools use within research.

The **cost and effectiveness** of the digital tools in comparison to paper is very little researched but participants expressed an interest and recognised that this would be important for making a case for using digital tools in the future.

Participants agreed that digital tools would be increasingly used in the future, however, there was concern around excess pressure on nurses, need for collaboration and digital expertise when developing the tools. Some of the participants in the study were conducting their own research to evaluate effectiveness of the digital tools.

Conclusions

Key findings were that the use of digital tools is becoming increasingly essential within clinical research, with the pandemic accelerating the need for these tools. Adoption was observed across management, recruitment, consent, data collection, retention, and intervention. Tools which were favoured by the staff were ones which increase efficiency. However, digital exclusion remains a concern for participants and whilst training can overcome this, delivery of training needs to be flexible to avoid excessive extra workload on staff. Currently, there is concern about limited resources available to support the rapid adoption of digital and online methods for clinical research. In particular, there is a need for individuals or groups who can deliver expertise to organisations and research teams in terms of selecting the best tool for the job and deliver relevant training. This could be in the form of regional networks or user groups. Finally, the study was unable to recruit a suitable sample of patients/carers who had previously participated in clinical research studies and experienced the use of digital approaches in the context of trial participation. The research team therefore recommend future research should focus on gaining further insight from participant groups.

Read the full report below.

Preprint: [click here for the preprint](#)

Full Report: [click here for the full online report](#)

Collaborative project to reduce material and CO2 emissions in pipeline tech

Baker Hughes, an energy technology company, and WMG at the University of Warwick have launched a two-year Knowledge Transfer Partnership (KTP) to apply new technologies to the development of the company's flexible pipe systems.

Knowledge Transfer Partnerships (KTPs) aim to help businesses to improve their competitiveness and productivity through the better use of knowledge, technology and skills within the UK knowledge base. This KTP project was funded by UKRI through Innovate UK.

The Figiel Research Team from WMG's International Institute for **Nanocomposite Manufacturing** (IINM), was awarded Innovate UK funding to apply Multiphysics modelling tools that will assist in developing context-aware pipe designs and analysis processes. This research will make material use more efficient, resulting in increased pipeline suitability, reliability and safety, whilst maintaining performance and structural integrity.

Through the use of Multiphysics modelling, Baker Hughes is expected to be able to more accurately predict the coupling between permeation of gases and fluids and the mechanical response of their flexible pipe systems, which are used extensively in floating production systems.

This research will also aid in the development of products to meet the world's energy transition requirements, including carbon capture utilisation and storage (CCUS) and hydrogen delivery. This work will position the UK as a global leader in the provision of products needed to supply clean energy.

Baker Hughes flexible pipe systems product line employs more than 500 people in the North East of England. This project is expected to result in more efficient manufacturing processes for the company that reduce waste and carbon intensity.

Dr. Soheil Bazazzadeh has been appointed by the university to carry out the project with supervision by WMG engineer Jack Davis and academic leadership from Dr. **Lukasz Figiel**, Reader at WMG. Soheil's background includes a doctorate in aerospace engineering and three separate research fellowships, including at the University of Warwick.

WMG's Jack Davis and Dr Lukasz Figiel say:

"This collaboration will further enhance WMG's strong academic expertise in the field of Predictive Multiphysics Modelling of advanced engineering materials. In addition, the project will give us the opportunity to continue to build future partnerships in emerging fields such as hydrogen transport."

Dr. Angelos Mintzas, principal engineer at Baker Hughes and technical lead for New Product Introduction programmes says:

"This work has the potential to significantly enhance Baker Hughes' design capabilities, enabling more efficient use of materials whilst keeping our focus on product reliability and safety. This collaboration is aligned with Baker Hughes commitment for 50% reduction of our CO2 emissions by 2030 and becoming a net-zero business by 2050."

Ian Blakemore, Innovate UK Knowledge Transfer Advisor for this project, says:

"This project is a prime example of the impact that Knowledge Transfer Partnerships can have. By bringing together forward-thinking businesses and the academic expertise of the UK's world class universities, we can tackle real world challenges in new ways."



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Projects

HM Courts and Tribunals Service (HMCTS) Digital Support Service

Ownership of the delivery partner onboarding marketing activities

Ownership of the referral partner strategy and marketing activities

Attend events relevant to the Digital Support product

Email campaigns

Social media campaigns

Partner webpage creation

Owner of the HMCTS project brand

Website accessibility

Video case studies

Written Case studies

Weekly Reports

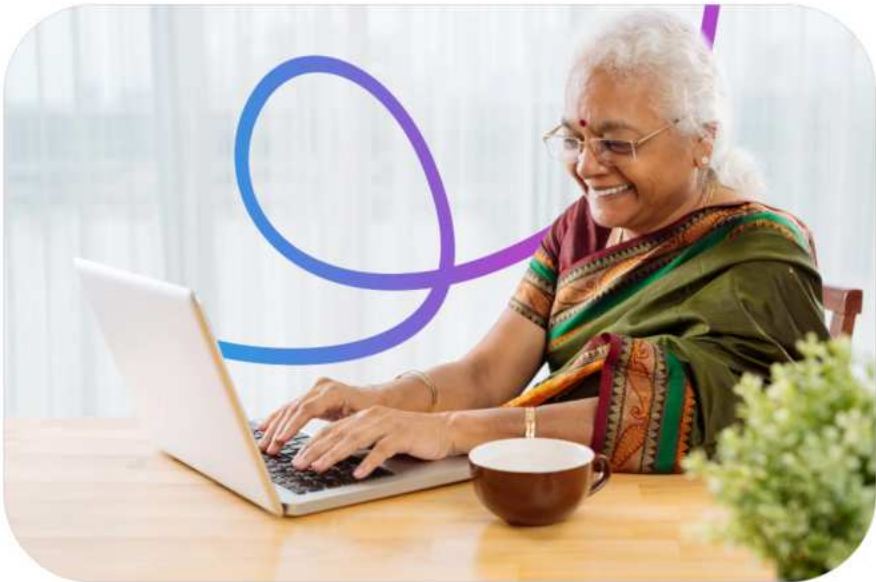
HMCTS Digital Support Service

Digital Support for those who need help with online forms

We focus on assisting individuals who do not have the digital skills to fill out forms online independently.

Contact We Are Group on **03300 16 00 51** if you need support to fill out your forms online.

We Are Group are here to help in partnership with



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Text: 'FORM' to 07700 16 00 51
Email: support@wearegroup.co.uk

We Are Group is partnering with HM Courts and Tribunals Service (HMCTS) to help people with online forms

We Are Group is providing Digital Support for those who don't have access or are not confident using digital services. Our company is a social impact company whose entire remit is helping others. We are here to provide information and support so people can fill out HMCTS forms online.

The services we support:

- Appeal a benefit decision
- Make a plea for a non-imprisonable offence
- Making or responding to a small money claim
- Apply for probate of an estate
- Apply or respond to a divorce
- Applying for help with justice fees

Need help figuring out which service relates to you?

Call us on: **03300 16 00 51**

Appeal a benefit decision

You may have received a decision from DWP about a benefit claim you submitted. If you disagree with the decision, you can now appeal online. Don't worry, We Are Group is here to help.

Some of these claims include:

- | | |
|---------------------------------------|---|
| • Employment Support Allowance (ESA) | • Industrial Death Benefit |
| • Personal Independence Payment (PIP) | • Industrial Injuries Disablement Benefit |
| • Universal Credit (UC) | • Maternity Allowance |
| • Attendance Allowance | • Social Fund |
| • Carers Allowance | • Pension Credit |
| • Disability Living Allowance | • Retirement Pension |
| • Income Support | • Bereavement Benefit |
| • Job Seekers Allowance | • Bereavement Support Payment Scheme |

Contact We Are Group if you need support filling out your forms online and we will find the right support service for you.



Online civil money claims

If you or someone you know believes you're owed money, but a person or organisation refuses to pay, you can make a claim online. People who aren't confident using digital services can get support from We Are Group with filling out the online information needed to make a money claim. Support can also be provided for people who have received a money claim against them and need help responding online.

Click [here](#) for more information.

Apply for probate of an estate

When somebody has passed away, you can apply for probate. This means having the right to deal with their possessions or "estate". We Are Group can get you help to apply online for probate.

Click [here](#) for more information.



Help with justice fees

You may be eligible for help with court fees for this service. This depends on the amount of your savings, if you have a low income or if you receive certain benefits. Support may also be provided to help you with your online (service) application and with your online Help with Fees application.

HM Courts and Tribunals Service

Since 2021, we have been working in partnership with His Majesty's Courts and Tribunals Service to deliver their Digital Support programme. The programme is designed to assist people who lack the necessary digital skills to access and complete online forms.

We currently provide support with 6 of their services, including:

- Appeal a benefit decision
- Online plea service
- Online civil money claim
- Probate
- Divorce
- Help with fees

2023 alone, this programme supported **3803** individuals in completing online forms and applications.



HM Courts & Tribunals Service

[Find out more about our services](#)

Case Studies

New Opportunities - Read Bilal's Story

February 3, 2023 Share Article: [social icons]

Finding employment in a different country can be incredibly challenging. When moved to the UK he initially wanted to pursue a degree in Photojournalism and Documentary, but due to unforeseen circumstances, he had to drop out and so hunt b

Bilal s job in recogn was d

During challer impac



After months of unsuccessful applications, Bilal en the Reed Re-start Scheme, which transforms the li people by helping unemployed individuals back int employment. Together with the support and guida Reed Re-start Scheme, our Recruitment Officer Ch Bilal an interview for the role of Customer our Contact Centre.

After two successful interviews, Bilal is no Service Agent at We Are Digital and able t the Home Office project in our Contact Ce

Having been through the difficult process of gaining status, and overco barriers, Bilal has been on the receiving end of needing support from th knows first-hand how difficult the forms can be to understand and how customers the help they need when trying to complete them.

"You get them some confidence that someone really is listening to you. U on the other side. I felt completely slated. When you talk to the system. It automated reaction you get, a robotic kind of reaction. You feel like they feelings for you. They do not have any empathy or sympathy for you. It's relate to them because I have been through it."

We Are Digital is Bilal's first full-time employer in the UK. The feedback regular basis from customers is fantastic. We are so pleased he is part k team and it's especially great to see he has made some good friends he

To find out what working for We Are Digital might look like for you, visit

Planning for the future - Read Wiktoria's story.

November 4, 2022 Share Article: [social icons]

Originally from Poland, Wiktoria Bronisz now lives in the wasn't her first language, Wiktoria faced a barrier when using digital services, visiting her local Lloyds Bank bran using cash to buy things, which was inconvenient.

Wiktoria wanted to be more confident in using online se seeing an ad for the Digital Helpline support service, run with Lloyds Banking Group.

Things started to change.

Through the Digital Helpline, Wiktoria received dedicate Ayshah Ali.

Ayshah worked with Wiktoria to understand the areas v help with the language barrier, Ayshah arranged for a th understand the support Ayshah was providing.

Russell recently lost his wife, June, due to Covid-19 and felt increasingly isolated because of her passing. As a result, he suffered from depression and felt isolated.

In 2022, Russell was introduced to the Lloyds Banking Group Digital Helpline, provided by We Are Digital. Watch Russell's story and see how he developed his digital skills through remote digital training, and how it has helped him get back in touch with his family abroad.



"With depression, it is so hard to feel motivated and this service really helps me feel like I am doing something about it... I can now stay connected with my brother."

There are still over 2.6 million people in the UK who remain offline. We can help them access online services and stay connected to family members.

people like Russell every day. Get in touch

Continuing with the support of both her translator and trainer, Wiktoria learned how to create an online banking account and how to use the banking app. Ayshah also taught Wiktoria how to set up a standing order to pay her bills, and helped her make an application for a credit card which subsequently helped restore her low credit score.

"I was struggling with my English, it's not my first language! The service provided me with a translator which really helped me learn so much.

Ayshah was very helpful, they explained everything in detail, and if I didn't understand something they explained it again and again until I understood it. They gave me all the time I needed."

Things really took a turn for the better. One of Wiktoria's biggest worries was her credit score as this meant she would struggle to buy her own house. The Digital Helpline has not only supported her in making bills and payments easier and more accessible but has also opened up doors for her future with being able to use her credit card regularly to build her credit score.

"I was expecting someone to just show me how to apply but I've learned so much more. I now have a credit card. I didn't know about a credit score! It's great, as I check it all the time now. The credit card has helped me build my credit score. My credit score is going up all the time. It's going to help me apply for a mortgage."

Fast forward to now, Wiktoria is in a really good place. The first thing she told us is that her credit score is going up, making her feel more confident. She is now even planning for her future by getting ready to apply for a mortgage. She also enjoys using her banking app as she can check her finances every day, giving her peace of mind.

A Second Chance - Read Barry's story.

December 7, 2022 Share Article: [social icons]

Former Limousine driver Barry (63) lives in South London but gave up his job to be a full-time carer for his father. Over the past few years, Barry has been struggling with his health. His Chronic Obstructive Pulmonary Disease (COPD) makes it hard for him to breathe and almost impossible for him to carry out daily tasks.

Barry's limited daily routines have to be planned meticulously, otherwise he might run out of breath, which normally leads to a panic attack.

His declining physical health and his depression made him turn to drugs and alcohol, and slowly but surely his utility bills started piling

Through his L&Q recovery officer, Barry got referred to the Pound Advice service, which is provided by L&Q partner, We Are Digital. This service has changed his life for the better.

Together with his Case Manager Support Officer, Barry completed an online budget and his online credit report, during this process Barry was provided with a future budget to monitor and manage.

"I found it very easy talking to her, it wasn't like she was talking down to me. She was there to help me. When I would ring her up, she was always there to help me."

By developing his digital skills, he discovered he could use digital tools and managed to complete our eConsent using his smartphone. Barry also learned to verify documents over WhatsApp which helped him provide the necessary documents to get him a Debt Relief Order.

After the support of Pound Advice, Barry is now able to keep up his payments and

Barry is an example of how debt can completely change someone's life. From declining health and building significant amounts of debt, he was referred to the L&Q Pound Advice service, delivered by We Are Digital. His life has now changed forever.

Watch his story below.



"I went through drugs and drinking and I've stopped all that mostly down to them because they got me out of the financial problems I was in, so without them I don't know where I'd be."

Partner with us and help change the lives of people like Barry every day. Get in touch and find out more.

Creatives - Leaflets/Socials/Guides/Posters



Providing Digital Support for the Digitally Excluded

Please call **03300 16 00 51** for Digital Support.

We Are Digital is partnering with HM Courts and Tribunals Service (HMCTS) to help people complete justice forms online.

We focus on supporting individuals who do not have the digital skills to fill out forms online independently.



We Are Digital is helping people to access digital support services to fill out online justice forms. For example, people who find it difficult to access forms online or don't have the confidence or a device to do so.

Who are we?

We Are Digital is providing Digital Support for those who don't have access or are not confident in using digital services. Our company is a social impact company whose entire remit is helping others. We are here to provide information and support so people can become independent when filling out forms. We support people to fill out justice forms online.

We Are Digital support people with:

- Filling in forms & applications
- Uploading documents to online portals
- How to connect with local centres for support

Why do people need support?

HMCTS is moving many of its justice forms online and those who need support to fill out these forms are being offered free digital support.

Who needs support?

People who may need support:

- Do not have internet access at home
- Do not have the equipment to get online
- Cannot afford internet access or devices
- Do not have the confidence to use online services
- Do not understand how to use the devices they have

Please call **03300 16 00 51** for Digital Support.

Please call **03300 16 00 51** for Digital Support.

HMCTS has moved 6 of its services online.

Appeal a Benefit Decision - Social Security and Child Support - (e.g. Personal Independence Payment (PIP), Universal Credit, Employment Support Allowance)

Make a plea online - Single Justice Service - for summary-only offences (e.g. speeding or fare evasion)

Online Civil Money Claims - to resolve civil money claims online

Apply for a Divorce - to make an application to legally end a marriage or civil partnership

Apply for Probate - to apply for probate of an estate

Help With Fees - to apply for help with court and tribunal fees*

*A person may be eligible for help with court and tribunal fees for this service. This depends on the amount of your savings, if you have a low income or if you receive certain benefits. Support may be provided with your Help with Fees application alongside another service where you require help to fill out the online form.

We can help people get online and walk them through the process.

People can access support via:

- Telephone
- Online
- Face-to-face through community and advice centres

If you feel like you require support for any of these services, **CALL 03300 16 00 51** so We Are Digital can find the right support service for you.

03300 16 00 51
FORM to 6077
support@we-are-digital.co.uk
we-are-digital.co.uk/hmcts-user





Appealing a benefit decision?

Many of our forms are now online.

CALL 03300 16 00 51
or text **FORM to 6077**

If you need help completing online forms, we have people who can help.





Many of our forms are now online.

CALL 03300 16 00 51
or text **FORM to 6077**

Help is available right on your doorstep.

See you soon.





Does someone you know need help completing a benefit appeal form online?

We can help them get online and walk them through the process.

CALL 03300 16 00 51
or text **FORM to 6077**





Everybody needs good neighbours. Do your bit.

CALL 03300 16 00 51
or text **FORM to 6077**

Tell them there is help to fill in online forms.





Do you need help completing a benefit appeal form online?

We can help you get online and walk you through the process.

CALL 03300 16 00 51
or text **FORM to 6077**





Do you need help filling out online justice forms?

We Are Digital can help you fill out online forms to:

- Appeal a Benefit decision eg. PIP, UC, ESA forms
- Submit a Plea online eg. speeding fine
- Online Civil Money Claims as a claimant and respondent
- Help with Fees for courts and tribunals fees
- Probate
- Divorce

CALL 03300 16 00 51

Find out more about eligibility on our website below.

03300 16 00 51
support@we-are-digital.co.uk
we-are-digital.co.uk/hmcts-user

Scan the QR code to find out more about the services





Marketing and Events Coordinator

Caitlin Evans

Projects

Ofsted OUTSTANDING for high needs campaign

Highlight Hereward's offer on social media

Organise events

- x4 leavers ceremonies,
- external disability event stands,
- school visits

Create materials and brochures for new academic year

Newsletter comms to parents

Refresh and align the brand

Website accessibility

Mental Health



Mental health includes our emotional, psychological and social wellbeing.

Mental health is as important to a young person's safety and wellbeing as their physical health. It can impact on all aspects of their life, including education attainment, relationships and physical wellbeing.

Together we need to recognise the signs that a young person may be struggling. However, it is important to remember that some mental health issues may not have visible signs. Some people may find it more difficult to ask for help.

By being aware of a young person's mood and behaviour, you can recognise patterns that may suggest they may need support. Common warning signs of mental health issues include:

- Sudden mood and behaviour changes
- Self-harming
- Unexplained physical changes, such as weight loss or gain
- Sudden poor academic behaviour or performance
- Sleeping problems
- Changing in social habits, such as withdrawal or isolation

Please scan the QR code

Visiting your GP



Young person



0808 800 0000

or Text SHOUT to 0800 000 000

If you have any concerns please contact the safeguarding team by email: safe@hereward.ac.uk

Prevent



Prevent is about safeguarding individuals from being drawn into terrorism, ensuring those vulnerable to extremist and terrorist behaviours are given appropriate advice and support to prevent them from harm.

The college has an important role to play by providing a safe space for learners to explore, discuss and debate the range of social and political issues in our rapidly changing world. It is important to develop young people skills to be able to engage as active citizens in a democratic society and develop critical thinking skills so that they become resilient and equipped to deal with divisive viewpoints.

Where a vulnerable person may be at risk of being drawn into extremist or terrorist behaviour, parent/carers, community members and the college can make a referral to Channel. Channel is an early intervention agency designed to safeguard vulnerable individuals who are at risk of exploitation.

- Some of the signs may include:
- Isolating from family and friends
 - Talking as if from a scripted speech
 - Increased levels of anger
 - Increased secretiveness, especially around internet use

Early intervention can prevent individuals being drawn

NSPCC



Please scan the QR code for more information

If you have any concerns please contact the safeguarding team by email: safe@hereward.ac.uk

Online Safety



Online safety refers to the act of staying safe online.

Online safety can be categorised into the four areas of risk:

- Content:** being exposed to illegal, inappropriate or harmful material; for example, pornography, fake news, racist or radical extremist views.
- Contact:** being subjected to harmful online interaction with other users; for example, commercial advertising as well as adults posing as children or young adults.
- Conduct:** personal online behaviour that increases the likelihood of, or causes, harm; for example, making, sending and receiving explicit images, or online bullying.
- Commerce:** risks such as online gambling, inappropriate advertising, phishing and or financial scams.

The college plays an important role in supporting students to understand the risks associated with being online. Parents and Carers can support this understanding in some of the following ways:

- Talk** about which sites your young person is accessing and take a look at the site yourself.
- Support** them to use settings which limit who can contact them.
- Remind** them not to share personal information with people they do not know.

Please scan the QR codes for more information

NSPCC



National Bullying Helpline



0300 323 0169

CEOP Safety Centre



If you have any concerns please contact the safeguarding team by email: safe@hereward.ac.uk

Safeguarding

19 Jun 2023

OUTSTANDING

Our provision for High Needs has been graded Outstanding by Ofsted in today's report.

Principal Paul Cook MBE, says, "It is hugely rewarding that the dedication of staff and the determination of learners to achieve their very best has been recognised by the Ofsted inspection team."

The report said that learners with high needs "participate enthusiastically in a wide range of work experience opportunities" and "develop high levels of confidence during their time in college and use this to great effect to support their peers".

We are thrilled with the result and will continue to strive to provide the best support to meet learners' individual needs and provide opportunities to develop their independence and employability skills.

Read more about it here: <https://www.fenews.co.uk/education/outstanding-ofsted-verdict-on-provision-for-high-needs-learners/>



Photography taken in a forklift
Balloons ordered
Student organised
PR pushed out far and wide