



University of
HUDDERSFIELD

The background of the top half of the page is an abstract digital composition. It features several large, semi-transparent purple and blue spheres of varying sizes. These spheres are interconnected by a network of glowing white and light blue lines, some of which are curved and create a sense of motion or data flow. The overall color palette is dominated by deep purples, blues, and whites, with a subtle grid pattern visible in the lower right quadrant.

Services to Business

catalysing innovation and
knowledge exchange

Business Development

Applied Research
Nurturing
Knowledge Exchange
Services to Business

Improved Competitiveness
Opportunity
Training
Testing
Interdisciplinary
Engagement
Enterprise
Intellectual Property
Research
Professional Practice
Catalysing Innovation

Catalysing Innovation and Knowledge Exchange

Advanced Equipment
Internships
Expert Witness
Commercialisation
Strategic
Development
Continual Professional Development
Open Innovation
Licensing
Networks
Leading Edge

Knowledge Transfer
State of the art Facilities
Research Excellence
Innovation
Catalyst
Cross Supply Chain Innovation
Collaboration
Forming ideas
Efficiency Improvement
Consultancy
Entrepreneurship
Placements
Know How
Spin Out
Workforce Development

Welcome to Services to Business

The University of Huddersfield offers businesses a range of ways to work with us, we aim to provide a business friendly route to the appropriate knowledge, skills and resources available within the University, through our Services to Business.

We are a University for business. We are leading professionals with a Customer First accreditation and are highly committed to building strong, mutually valuable relationships with industry and organisations.

We have a dedicated and professional approach working alongside businesses and have a wealth of experience working with companies from all sectors, including some of the UK's leading organisations.

We offer a range of ways in which you, your company or organisation can work in partnership with us to help add value to your business and deliver results. From research & development partnerships to tailored consultancy services, our specialist team can work with you to define your interests and identify opportunities for collaboration.

We understand business needs and drivers and believe that effective collaboration requires familiarity, trust and confidence.

At the University of Huddersfield we offer a pipeline of collaborative opportunities including strategic research and development partnerships, Knowledge Transfer Partnerships and Continual Professional Development, with full support of ventures.

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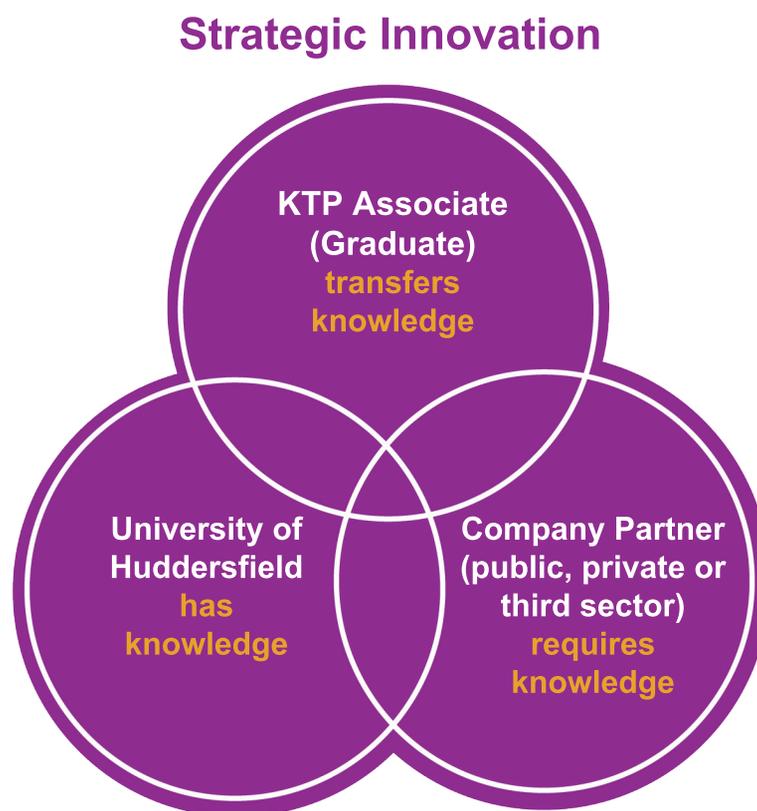
Access to Our Students

Knowledge Transfer Partnerships (KTPs) are a national initiative, providing funding for businesses and organisations to improve their productivity and performance via a partnership with the University of Huddersfield.

How does it work?

A KTP project consists of a three way partnership between your business, a talented graduate and an academic, whereby the graduate is expected to work on a specific project of strategic importance, transfer knowledge from the university to the business and address a strategic problem within the organisation with the support and supervision of an academic tutor.

The diagram below illustrates the partnership between those involved in KTP and how it works:



For businesses, Knowledge Transfer Partnerships can offer the following benefits:

- Find an innovative solution to help your business grow
- Access recently qualified people to spearhead new projects
- Develop your company for today's market
- Increase profitability
- Increase your competitive advantage

The University of Huddersfield has an established track record of Knowledge Transfer Partnerships (KTPs) and working with businesses in mutually beneficial collaborations. By working together we can recruit one of the University's high quality graduates to work in your company and use their knowledge to address a particular business problem or challenge.

The key aim of this leading programme is to help businesses to strengthen their competitiveness by stimulating innovation through collaborative partnerships with universities and the University welcomes enquiries from businesses.

At the University of Huddersfield, we offer various KTPs:

KTP Programme for SMEs (small and medium enterprises with up to 250 employees)

There is an opportunity for SMEs to collaborate with the University of Huddersfield and one of our talented graduates for 18 months to 3 years, depending on the project. KTP programmes help improve your competitiveness, productivity and performance. 67% of the costs of the project can be drawn down from Government.

KTP Programme for large companies (more than 250 employees)

The University of Huddersfield welcomes large companies to collaborate with the University and our talented graduates to take part in a KTP programme. Our graduates will manage an innovative project for 18 months to 3 years within your company to help tackle a strategic challenge and help to improve your competitive edge, productivity and performance. 50% of the costs of the project can be drawn down from Government.

Short KTPs (sKTPs)

The University of Huddersfield offers companies the option to participate in a short tactical KTP programme, which lasts for 26-40 weeks. Your company can take advantage of one of our talented graduates to help you to address a short-term, tactical business issue.

sKTP can, for instance, scope out a longer, more strategic Classic KTP. Up to 60% of the costs of the project can be drawn down from Government.

KTPs are part-funded by a Government grant with the average annual contribution to a project for small to medium enterprises (SMEs) being around £20,000. Involvement in such a renowned programme presents numerous benefits for participating organisations.

If you would like to get involved in Knowledge Transfer Partnerships, please contact us and we can find the right experts for your business.

Knowledge Transfer Case Study: Matrix Multimedia

The Challenge

Set up in 1993 as a publisher of high-quality educational multi-media learning resources, Matrix Multimedia recognised that its traditional markets were in decline due to the threat of the Internet as a learning medium.

In response to this the company started to diversify into hardware-software combinations for learning technical subjects, but it realised that with a background in software publishing it could not fully exploit these new market opportunities until it was able to develop in-house hardware development expertise.

The Solution

The Company approached the School of Computing and Engineering at the University of Huddersfield to discuss how best to develop and embed the hardware development expertise that it needed. As a result, the Company and University agreed to establish a Knowledge Transfer Partnership, recruiting a recent graduate to work at the Company for two years with consultancy back-up from academic experts.

The project was focused on the design, development and marketing of a totally new range of products (known as E-blocks) for teaching about technology and electronics, and also established sub-contract manufacture of the new range and all of the in-house procedures for version control, stock management and quality assurance.

Benefits

The project proved a huge success for all partners, the Company came away with a new capability and a new product range that generated over £100,000 of additional sales in its first year of launch as well as opening up a number of new export markets for existing products.

By bringing hardware design in-house the Company has more control over design costs and quality, and are able to respond more quickly to customer needs. Operational efficiencies have also improved as new systems and procedures are adopted and the Company is forecasting significant increases in turnover and profitability over the coming years as a direct result of their partnership with the University.



At the University of Huddersfield we know the importance of good working relationships, whether it's with our students, staff or industry. We have a record of excellent research across our institution and are committed to the highest standards of research and development on behalf of external organisations.

We understand how vital research can be for businesses hoping to stay ahead of their competition and that's why we share our expertise and knowledge with them to help them grow. Approximately three-quarters of our research is regarded as of international standing or better, which highlights our commitment to delivering cutting edge research.

By forming a partnership with the University of Huddersfield, you can expect to enhance and augment your internal capabilities or access novel specialist knowledge and expertise.

Through such interaction, your business or organisation can "locate and acquire" new expertise and insights to improve your products, processes and people. The resulting research might be collaborative with the University and business or organisation working alongside each other, or the University may be contracted to undertake a particular piece of work.

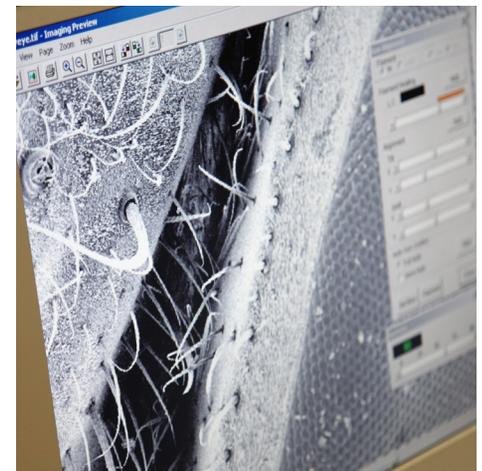


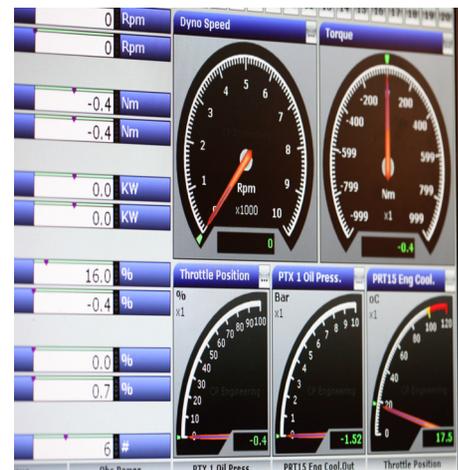
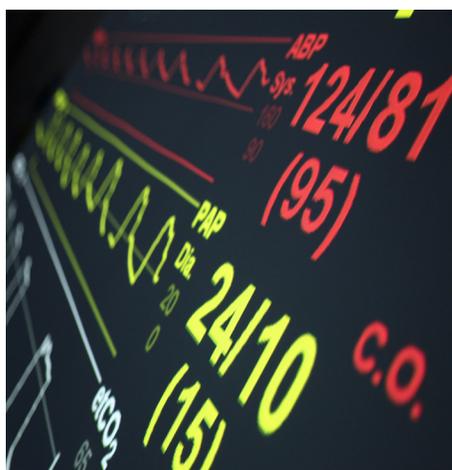
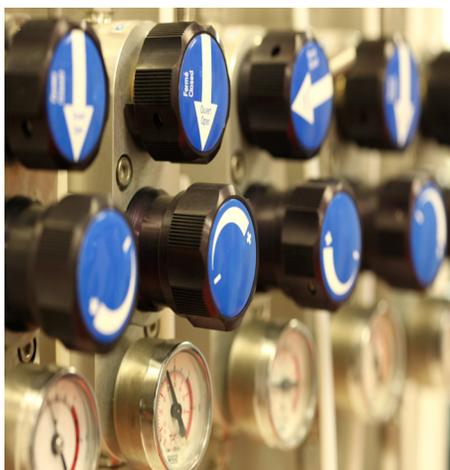
Our committed team is available to discuss, refine and define your research needs. There are numerous ways in which you can engage with the research of the University, which range in scale from Student Placements, PhD Sponsorship, through Collaborative Research to Strategic Partnerships. We will identify and manage the contact with academic researchers who will be able to work with you, and identify the most appropriate ways in which you can work with the University.

“The University aims to strengthen and develop its research portfolio and to be recognised as one of the UK’s leading institutions renowned for applied and practice based research.”

Professor Andrew Ball

Pro Vice-Chancellor, Research and Enterprise.





At the University of Huddersfield we understand how important the right equipment can be to businesses and how it can determine success. We have an array of world-class facilities and equipment which external companies and organisations are welcome to use.

You will find that our facilities represent state-of-the-art technology, which may have been designed and built in collaboration with its supplier to address leading edge research problems. Hence, we typically have the potential to operate beyond the limits of “off the shelf” systems.

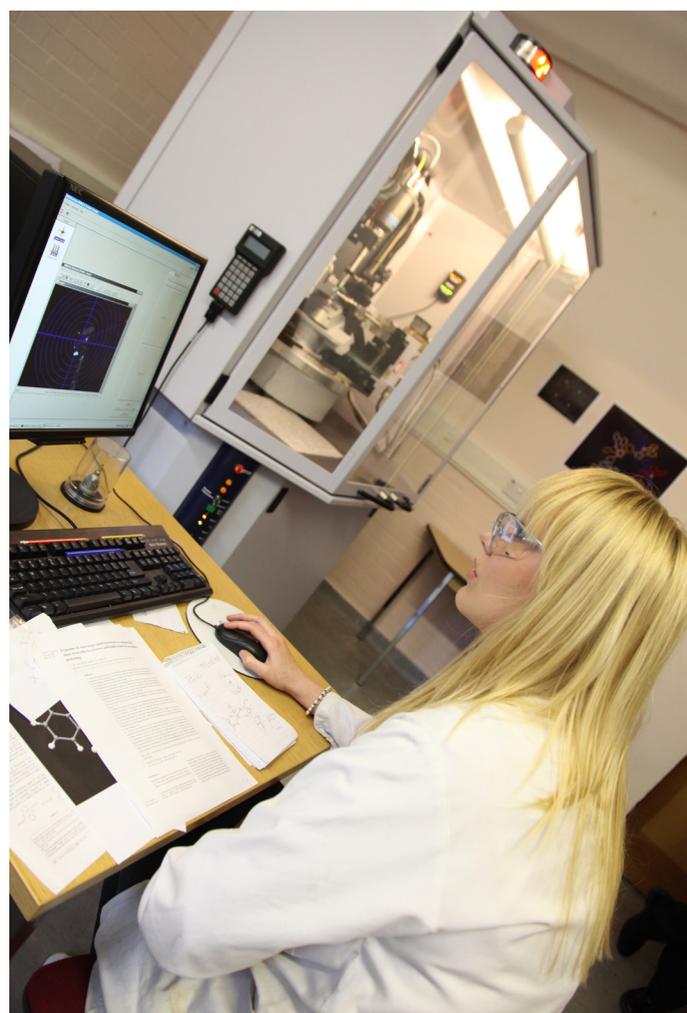
Many of our facilities are suitable for training purposes; we have a wealth of teaching expertise to support your specific equipment-related training. We have experts in the field who use and maintain all of our facilities and are readily available to support your access and use of these to ensure that your needs are met.

We have an impressive array of instrumentation used in the analysis of solids and liquids including NMR, Mass Spectrometry, Electron Microscopy, X-ray Diffraction and Crystallography. Single crystal X-ray crystallography is routinely used to determine the distribution of atoms within a compound.

In this technique a single crystal of a material is exposed to an X-ray beam and some of the X-rays are diffracted at different angles, from this diffraction pattern a molecular structure can be deduced. After computer processing a molecular structure establishing the spatial arrangement of atoms in the molecule is obtained.

This type of analysis can be used on any material for which single crystals can be obtained and has a wide variety of applications, from analysis of unknown materials to developing structure/activity relationships for new pharmaceuticals.

Our team is on hand to help you identify and arrange use of our equipment and facilities, please feel free to contact us .



Our University has a wealth of expertise across many different disciplines, including access to a range of external funding opportunities to support external businesses and organisations to grow and develop.

We can offer your organisation our support to source funding to help boost your company's competitiveness, assist you in exploring your needs and to help add value to your business. You can trust the University of Huddersfield to help you identify and access the right funding to accelerate your business forward.

We can help your business to reach otherwise inaccessible funding from:

- UK Government
- EU, including European Research Development Fund (ERDF), F.P7 and European Social Fund (ESF), via Local Economic Partnerships (LEP's)
- Charities, Non-Governmental Organisations (NGOs)

For businesses, funding support can:

- Help you to obtain leverage.
- Reduce the risk of your research and development projects.
- Increase kudos, raise your profile and gain endorsement.
- Help you to gain access to academic networks.





The University of Huddersfield offers business, organisations and individuals a wide range of training and development opportunities, ranging in subject area, level, duration and flexibility.

As a university for business, we are highly committed to building successful and lasting partnerships with external organisations and we have the right experts on hand to evaluate and develop your specific business needs. Our specialist team has quality experience and expertise and we can provide you with an extensive range of options to address your requirements. We are also committed to responding to the needs of our customers, so we are constantly updating and developing our offerings.

We run a number of Foundation Degrees aimed at providing training for employees in specific sectors/industries. These include; Medicines Management and Pharmacy Services, Design and Development of e-Learning, Early Years, Computer Games Technology, Hospitality Management and many more. Most Foundation Degrees are developed with companies and organisations to support their training and development requirements.

The University of Huddersfield has a focused and dedicated approach to working with external organisations and we have the skills to help your company to develop its workforce and add real value to your business.

Whichever training programme you are interested in, we can help you to find an expert who can catalyse innovation and knowledge exchange for you.



Testimonials

“I cannot praise the staff involved in the delivery of this programme enough! They make it easy to contact them should the need arise, responses to queries and/or problems are dealt with swiftly and efficiently. I have received excellent support throughout the course both from teaching staff and the administration staff. It has been made ‘easy’ to study at the University of Huddersfield because of the dedication of everyone I have come into contact with! I have recommended this establishment to all of my learners who are going onto higher education.”

“The course has had a direct impact on my teaching. I feel that it has motivated me to read a much wider range of literature and apply new ideas to the delivery of courses. I am very glad that I took the course - it has been inspirational.”

“The course has given me a wealth of knowledge to use in my setting and has given me time to reflect upon my practice.”

“Particularly delighted with the flexibility offered in tutorial support time. Course participants are a lively mixture, which leads to thought provoking discussion and shared learning. This provides wider professional understanding.”



The University of Huddersfield are leading professionals and our academics have a wealth of expertise and experience providing external businesses with tailored consultancy services. We have a great reputation for collaborating with leading organisations and we are fully committed to building professional, valuable and lasting partnerships with companies and organisations.

Through our professional consultancy service which draws upon the specialist knowledge from across our multidisciplinary leading-edge research base, you can utilise our academics' knowledge and hands-on experience to find innovative solutions for your business problems.

We can help you to move your business forward in a wide range of areas by directing you to our dynamic specialists who have a head for business. Our consultancy services are available to organisations in any location and industry sector regardless of size and we provide the experience you need in order to survive today's business environment.

The types of support we would deliver to you through consultancy include:

- Expert Opinion and Advice
- Expert Witness
- Testing and Analysis

The University has a strong track record of working with companies across a variety of business sectors, for example, engineering, automotive, transport, chemical, biomedical, health, creative industries, digital and media.

If you have any further enquiries, please contact us and we can take our first step in moving your business forward

Innovative Physical Organic Solutions

The primary focus of IPOS is delivery of external customer contracts. The group consists of a team of highly skilled, industrially experienced chemists specialising in the application of physical organic chemistry towards efficient optimisation of chemical processes.

It is our aim to provide these services on a contract basis to the chemical industry as a cost-effective means of process development.

IPOS also has a wealth of experience in the development and validation of analytical methods these services are available for a wide range of analytical techniques.

IPOS Case Study

A venture capital funded fuel cell company required assistance with the optimisation of a novel fuel cell design that utilised a water soluble redox catalyst. The company lacked the specific expertise required to optimise the reaction chemistry in-house and undertook a one-year postdoctoral project with IPOS to investigate the key process parameters. IPOS devised and implemented a work plan designed to acquire the necessary data required to understand the reaction chemistry as well as a novel procedure for monitoring the reaction progress. The improved understanding of the key factors affecting the efficiency of the redox process provided by the IPOS study led to a complete redesign of the oxidation part of the fuel cell to provide the optimum conditions for catalyst oxidation.

We are one of the UK's top 10 providers of 'sandwich' courses where students undertake a paid work placement in industry and we believe that student placements are a vitally important part of the University's overall mission in ensuring that our students are equipped with a good balance of knowledge, skills and experience.

As a top university for high quality staff, our student talent would be a great asset to your business. Work placements are periods of vocational training and experience, usually lasting from 6 to 48 weeks depending on subject area, which form part of a student's academic qualification.

Placement students are normally paid a salary by the employing organisation and in return our talented students offer many distinct advantages to your business

The benefits of accessing our students:

- Our placement students can bring up-to-date skills and ideas to your organisation at a relatively low cost.
- Our students will bring their knowledge and skills into your company whilst introducing a fresh perspective that can work to your advantage.
- With a little guidance and supervision our students can achieve phenomenal results.

- Our students can be an excellent, cost effective way of boosting your organisation's resources for an agreed period and help to build working relationships with the University.
- Our students will be an extra addition to your workforce, enabling them to work on projects you haven't had time to work on.

Recruiting

The Careers and Employability Service is keen to develop links with employers interested in recruiting our students and graduates. They aim to help all organisations regardless of their size or location, and their services include advertising of vacancies, on-campus profile raising activities and recruitment fairs.

To find out more on how placements and recruitment could help your organisation, please contact us and we'll be happy to discuss your requirements.



Case Study

Student Placement: Enterprise Rent-a-car.

Amy O'Neill is a graduate from the University of Huddersfield and worked for Enterprise Rent-a-Car during her 12 month placement where she gained a promotion from Intern/Management Trainee to Management Assistant before returning to University for her final year.

What attracted you to the University of Huddersfield?

"I am from Huddersfield and so the University was a natural choice for me as I wanted to stay near home. The course also offered everything that I wanted to learn and I was impressed with the mix of vocational and academic training."

How did your placement year benefit you and your study?

"Choosing a placement was the best decision that I made within university. Doing a placement not only gave me a break from studying but it also gave me a chance to apply the things that I had learnt to a real life business situation. The largest benefit from the placement scheme was I now understood the operations of a company, to which I could relate what I had been taught during my degree. In my final year, I could transfer the learning to my placement which made for a better understanding."

How did your degree prepare you for employment?

"My degree prepared me for my employment, particularly in people management. It also paved the way for my full time career as it was the university that recommended my placement at Enterprise Rent-a-Car.

The university supported me wholly when I was interviewing for the placement and it is with this organisation that my future career now lies. If it hadn't been for the university then I would not have completed my degree and walked straight into a job that I love, in which I have now gained a promotion."



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