

UNLIKE MINDS
WELCOME

HERE.



About Leeds Beckett University

- With a history that stretches back over 200 years, we are proud of our place within the community. Throughout our history, it is people who have shaped us and who continue to do so today.
- Our diverse community is made up of students from 153 countries and territories.
- We are a truly global community. Leeds Beckett University has over 244,000 alumni in over 164 countries.
- Leeds has been voted number one city in the UK for students.
- Leeds Beckett University awarded prestigious 5-star rating by QS Stars and rated 'excellent'.



PSGIAS and LBU Partnership

Join PSG and transfer to Leeds Beckett University to complete your BEng (Hons) Robotics Engineering degree and enjoy the best of both worlds, with strong academic foundations in India and an international learning experience in the UK.

With a recent grant of £40,000 awarded for new robots for these courses, Leeds Beckett robotics engineers will have state of the art technologies to work with, ensuring they are very well placed to enter the world of work when they graduate.

Find out more here -
LEEDS BECKETT UNIVERSITY :
www.leedsbeckett.ac.uk

Our history and heritage
<https://youtu.be/mczvoHInDjg>



BEng (Hons) Robotics Engineering



Why study BEng (Hons) Robotics Engineering course at Leeds Beckett University?

- **Specialist facilities including Stäubli robotic arm** and automation and embedded systems labs.
- **Developing knowledge in AI and machine learning** to understand and solve more complex and sophisticated systems used in industry.
- **Building your own robots** in two separate engineering design projects.
- **Refining your skills in designing, building, and testing embedded systems** using our specialist control labs to model and apply the engineering knowledge required in advanced factory automation.

Career Prospects

The rise of Industry 5.0 has led to a growing need for specialists in this field, fuelled by advancements in AI and machine learning, as well as the significant effects of digitisation, automation, RPA, and artificial intelligence on our economy. Your knowledge of how to make machines interact with their environment could take your career in a variety of directions. You could work in the aerospace and food industries, the development of ambient assisted living, new internet and mobile technologies or automotive production.

- Automation designer, engineer, or operator
- Robotics designer, engineer, or operator
- Embedded system designer or engineer



Click to read more about Alice's final-year project in the blog '[I bet you look robotic on the dance floor](#)' at www.leedsbeckett.ac.uk

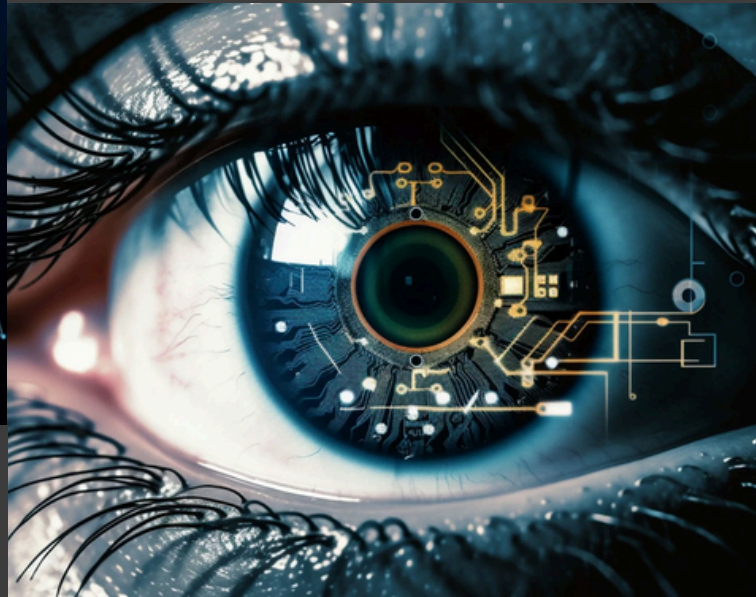


SCHOOL OF BUILT ENVIRONMENT, ENGINEERING AND COMPUTING

COMPUTING TECHNOLOGIES AND HUMAN ASPECTS RESEARCH CLUSTER

This research cluster studies computing technologies from two viewpoints; '*Computing technologies*' and '*People, systems and machines*'.

- In the **Computing Technologies** research group we study a broad range of interdisciplinary research challenges covering aspects of information and communication technologies in Cloud Computing, Big Data and IoT application domains.
- The **People, Systems and Machines** research group investigates the ways in which technological advances often ignore or evade the social and human ramifications of these developments.



INTELLIGENT COMPUTING RESEARCH CLUSTER

Our research cluster studies intelligent computing from various viewpoints:

- The research interests of the **Intelligent and Control Systems** research group lie in applying big data, artificial intelligence, Natural Language processing, digital twin technologies and control engineering to address complex real-world challenges.
- The **Computer Vision and Robotics** research group provides a platform for the development of tools, techniques and systems used for the acquisition, analysis, and extraction of information from images, videos and sensor data.
- In the **AI and data science** research group, we study a variety of AI methods and their application in key application domains.

