



**HIGH QUALITY**  
RESEARCH OUTPUTS  
WITH REAL  
WORLD IMPACT

---

**B Eng(Hons) in Robotics and Automation**

## About LBU

Leeds Beckett University (LBU), formerly known as Leeds Metropolitan University (LMU) and before that as Leeds Polytechnic, is a public university in Leeds, West Yorkshire, England. It has campuses in the city centre and Headingley. The university's origins can be traced to 1824, with the foundation of the Leeds Mechanics Institute. Leeds Polytechnic was formed in 1970, and was part of the Leeds Local Education Authority until it became an independent Higher Education Corporation on 1 April 1989. In 1992, the institution gained university status. The current name was adopted in September 2014.

Leeds Beckett University (LBU), is a public university in Leeds, West Yorkshire, England. It has campuses in the city centre and Headingley

Leeds Beckett is more than a place to study, it's a community. It has over 24,000 students in Leeds and 185,000 alumni worldwide.

LBU offers a wide range of challenging and exciting courses that will help the students to develop vital transferable and professional skills - all of which are designed to help them achieve their career goals. LBU's amazing tutors and industry links mean the students will get the support needed to build the future.

LBU is a place where students meet people from all over the world, from different backgrounds and cultures. There are many opportunities to make friends and find tribe at Beckett. From accommodation to course mates, in social spaces to societies and online groups, there are plenty of ways that students will settle in.

Leeds is also a well-connected city in the middle of the UK, making it straightforward to visit friends and family from all corners of the country. It's easy to see why so many students choose to study in Leeds year after year.



## Schools

The schools which constitute the university are:

- **Art, Architecture and Design**
- **Built Environment & Engineering**
- **Business**
- **Clinical & Applied Sciences**
- **Computing, creating technologies & engineering**
- **Cultural studies and humanities**
- **Education**
- **Events, Tourism & Hospitality management**
- **Film, music & performing arts**
- **Health & community studies**
- **Law**
- **Department of Languages**
- **Social Sciences**
- **Sport**



## **About PSGIAS**

PSG Institute of Advanced Studies, an institution under PSG group offers opportunities for international education. In order to make the International Education at affordable fees, PSGIAS has entered into collaborations and signed a number of MoUs with various Universities under which the major part of study is undertaken in India. Currently under academic collaborations with Universities of USA, Germany, Australia and UK the joint academic UG / PG programs in Engineering, Business and Fashion are offered.

## **B Eng (Hons) in Robotics and Automation**

The course is designed to learn to design and implement robotic products and systems that have the potential to revolutionize our everyday lives and working practices.

### **As part of your course, the students:**

Study the theoretical principles behind robotics and automation and have the opportunity to put these principles into practice

Work with basic robots

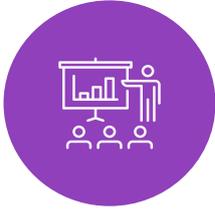
Spend time in the lab learning simple programming and systems

Develop knowledge to understand more complex and sophisticated systems used in industry

Build own robots in two separate engineering design projects

Refine the skills in the designing, building and testing of electronic and electrical systems

Build circuits to establish how they work



### **Real-world experience**

Industry visits and case studies will develop the students understanding of how robotics and automation work in the real world, from their application in the production of food and drinks, to the development of autonomous vehicles. Previous students have visited a Coca-Cola bottling plant and Yorkshire Tea to discover how robotics play a part in the modern food industry.



### **Teaching expertise**

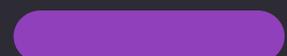
The students will be taught by expert staff whose knowledge is not just theoretical - the course team all have extensive experience working in industry and will use their experience to enhance your learning and ensure it is relevant.



### **Specialist facilities**

Our automation and embedded systems laboratories will also give the students space and equipment to put theory into practice.

Initial 3 years of study will be at PSGIAS ,the students will study the same syllabus of PSG College of Technology. The credits obtained in the initial 3 years will be transferred to LBU where the students study the final year of study and get the degree from LBU.





## Campus and facilities

Our City Campus is very central and spread over several buildings around Woodhouse Lane. We are just a few minutes' walk from the main shopping centers, the First Direct Arena and Hyde Park.

Headingley is just three miles outside the centre of Leeds. Our Headingley campus is located within 100 acres of parkland, a perfect contrast to the bustling city, so if it is a nice day you can get out and stretch your legs between lectures.

We offer a free inter-campus bus, making it easy to travel between both campuses.

As a dynamic modern university, we're constantly growing and developing. We ranked 4th in the UK for Facilities (Whatuni Awards, 2022). We've built some of the most iconic buildings in Leeds, and our facilities, learning resources and teaching communities give you everything you need to succeed.

### Accommodation

The university provides 4,500 bedrooms in a variety of locations and all undergraduates are guaranteed a place in university accommodation.

## Student life

LBU is ranked 6th in the UK for Student Life according to the Whatuni Student Choice Awards 2022. The awards are based on reviews from university students around the UK.

If you want to try something new or find friends with the same interests as you, our fantastic array of student union societies and athletic union sports clubs have you covered. We have plenty of activities and amenities to keep you busy and enjoy student life.

Leeds is bursting with life; with something for everyone, and it's been given the prestigious Purple Flag status for the fifth year running. The award is in recognition for providing a vibrant and diverse mix of dining, entertainment and culture while promoting the safety and wellbeing of visitors and local residents.

### Eligibility

A pass in 12th standard examinations with Mathematics , Physics and Chemistry with more than 70 % of marks or a pass in 3 years diploma in the concerned discipline with more than 80 % of marks

### Language skills

IELTS 6.0 with no skills below 5.5, or an equivalent qualification. The University provides excellent support for any applicant who may be required to undertake additional English language courses.



INSTITUTE OF ADVANCED STUDIES

*Research to Business*



**LEEDS  
BECKETT  
UNIVERSITY**

United Kingdom

## **Contact Us**

Phone:

+91 4224344148

+91 9952400751

+91 9842257623

Mail:

[admission@psgias.ac.in](mailto:admission@psgias.ac.in)

Address:

PB No. 1609, Avinashi Road,  
Peelamedu, Coimbatore, 641004

 [www.psgias.ac.in](http://www.psgias.ac.in)

Apply online: [www.psgias.ac.in](http://www.psgias.ac.in)