

## Partner with us

Tech Lab delivers short-term product testing to mid to long-term R&D via a range of flexible partnership options:

### 1. Tech Lab membership

Access Tech Lab facilities, research expertise, tech support and office space on a longer-term basis.

### 2. Collaborative research project

Partner with Tech Lab academics to deliver mid to long-term R&D.

### 3. Product and standards testing

Access Tech Lab facilities, expertise and technical teams to conduct one-off projects.

### 4. Research commercialisation

Accelerate the translation of research into commercial outcomes.

## Benefits to industry partners

- Direct access to state of the art laboratories and equipment
- Access leading academic and technical expertise
- Cross disciplinary engagement and project input
- Build talent pipelines with access to skilled students via interns and project support
- Own project IP
- Work space and meeting rooms available for project teams
- De-risk the path to commercialisation

## Contact us

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Book a tour of  
UTS Tech Lab to  
see the facilities.



# Tech Lab

# Design, prototype, test and build

UTS Tech Lab is an 18,000m<sup>2</sup> research facility in Botany, Sydney supporting collaborative, industry-led research partnerships that have the potential to drive innovation and growth in the IT and engineering industry. Our laboratories support multiple industry sectors with enabling technologies in key areas such as communications, computer sciences and robotics.

Industry partners benefit from access to the multidisciplinary facility and equipment, academic and professional teams, funding opportunities and additional project resources through PhDs and student interns.



**Co-locate**  
for true collaborative partnerships



**Research ecosystem**  
for large organisations, SMEs and start-ups



**Bespoke solutions**  
for industry problems



**Global experts**  
to work with your team

[techlab.uts.edu.au](http://techlab.uts.edu.au)



## Advanced Manufacturing | Defence Smart Infrastructure | Space

### World-class facilities



#### Acoustics Lab

The Acoustics Lab is the most comprehensive engineering acoustics facility in Australia and allows industry partners to test products and assess the acoustic performance of materials or panels.



#### Industry 4.0 Testlab

Explore Industry 4.0 technologies and processes including automation of manual tasks, production based machine learning, IoT integrated systems, cobots and smart remote automated production and analysis of microalgae.



#### Antenna Chamber

The Antenna Chamber provides world-class facilities to measure the performance of antennas – a key component in sensing and communications systems.



#### Multimedia Data Analytics Lab

Australia's only dedicated facilities for AI-based multimedia and video surveillance applications used to count, detect, scan, measure or classify objects.



#### Civil & Environmental Engineering Lab

Our experts are leading the next generation of structural design, non-destructive testing and structural health monitoring, construction materials, service life and geotechnology.



#### Robotics Lab

The Robotics Lab specialises in developing novel robots for deployment in unknown, complex and hostile environments. It creates assistive robots that collaborate with people and robots working together in teams.

### Underpinned by capabilities in:

#### Communications

- Largest fully anechoic antenna chamber in Australia
- 60-90 GHz antenna compact range
- RF labs for EMI/EMC testing and RF device fabrication/rapid prototyping
- RF IC testing, IoT, Networking and AI + environmental chamber

#### Artificial Intelligence and Data Science

- Computational Intelligence and Brain-Computer Interface Laboratory

- Industry 4.0 and intelligent systems
- Computer vision laboratory

#### Robotics and Sensor Systems

- Infrastructure robotics laboratories
- Electromagnetics and communications laboratory
- Intelligent robotics laboratory
- Human robot interaction laboratory, including I4.0 test facility