



PhD Scholarship and Research Engineer Opportunities Australia-Vietnam Strategic Technologies Centre (AVSTC)

The [Australia-Vietnam Strategic Technologies Centre \(AVSTC\)](#) in Hanoi, Vietnam, invites outstanding candidates to apply for **fully funded PhD positions** in strategic technologies including (but not limited to) the following research areas:

- Artificial Intelligence & Machine Learning
- Cybersecurity & Privacy-Preserving Technologies
- 5G/6G Networks and Future Communications
- Quantum Computing & Quantum-Safe Security
- Robotics & Autonomous Systems
- Internet of Things (IoT) and Edge Intelligence
- Blockchain and Distributed Systems
- Satellite Communications and Remote Sensing
- Semiconductor, RFIC

PhD students will work as research engineers at AVSTC, focusing on research and technology translation, jointly supported by University of Technology Sydney (UTS), Posts and Telecommunications Institute of Technology (PTIT), industry partners, and Australia's and Vietnam's government. The monthly salary is 20,000,000 VND or above with the opportunity to spend at least 12 months in Australia under a collaborative PhD program between UTS and PTIT (~\$40,000 per year stipend) and get the PhD degree from University of Technology Sydney.

About the Centre

Aligned with the Vietnam–Australia Comprehensive Strategic Partnership, the Australia–Vietnam Strategic Technologies Centre is a landmark initiative driving collaboration in strategic technologies - starting with the transformative potential of 5G/6G, artificial intelligence, and quantum computing. The Centre, supported by Australia's and Vietnam's government, aims to accelerate digital transformation, foster research translation, e.g., through our key technology partner-Nokia, and strengthen global cyber resilience. This is an exciting opportunity to be part of a dynamic international research environment to deliver impactful technologies and foster global collaboration.

Students will join a vibrant, international research environment with opportunities for:

- cross-country collaboration (Australia ↔ Vietnam)
- industry-embedded research
- participation in large-scale national and international projects
- access to advanced testbeds and research infrastructure

Key Benefits

- **Full PhD scholarship** (tuition + stipend)
- **Supervision by leading researchers** from Australia, Vietnam and other countries
- Opportunities for **international mobility**, joint publications, and conference travel
- Access to **industry-grade platforms** (e.g., Nokia 5G/6G testbeds, AI/IoT labs)
- Strong support for **career development**, including teaching, grant writing, and industry engagement



Research Responsibilities

- Conduct high-quality research in one or more of the targeted areas
- Publish in reputable journals and conferences
- Collaborate with industry partners on applied research
- Participate in Centre workshops, seminars, and outreach activities
- Contribute to the development of strategic technologies aligned with AVSTC's mission

Eligibility Criteria

Essential

- A Bachelor's (Honours) or Master's degree in Computer Science, Electrical Engineering, Telecommunications, or a related discipline
- Strong academic performance and research potential
- Good communication skills in English

Desirable

- Prior research experience (e.g., publications, thesis, research projects)
- Experience in one or more of the Centre's research areas
- Interest in cross-cultural or international collaboration

Location & Mode

Positions may be based at: **PTIT (Hanoi, Vietnam)** or **jointly with UTS (Sydney, Australia)**, depending on project and supervision arrangements hybrid and mobility arrangements are available.

How to Apply

Applicants should prepare:

- CV
- Academic transcripts
- Research proposal or statement of research interests (less than 3 pages)
- English test results (if applicable)
- Contact details of two referees

Submit your application via email: jrcvn@uts.edu.au

For more information, please contact jrcvn@uts.edu.au