

2025 EECMS Summer Internship Application Form

Main Supervisor	Dr. Himanshu Agrawal, Curtin University
Other supervisors (if applicable)	Prof. Goutam Das, Indian Institute of Technology (IIT) Kharagpur
Project Title	Quantum Entanglement routing
Student location(s) for the project	Indian Institute of Technology, Kharagpur, India
Duration of project	Six weeks
Project Description	<p>This is a six-week internship project that a student from the School of Electrical Engineering, Computing, and Mathematical Sciences (EECMS) at Curtin University will undertake at the Department of Electronics and Communication Engineering (ECE), IIT Kharagpur, India.</p> <p>The project focuses on Quantum Entanglement Routing enabling quantum communication networks. Students will learn about quantum entanglement and its application in developing efficient routing protocols for quantum networks. The project includes a study of current quantum network performance simulation using a quantum computing platform.</p>