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	Delay modeling for eXtended Reality traffic for 6G
Student location(s) for the project	Indian Institute of Technology, Kharagpur, India
Duration of project	Six weeks
Project Description	Extended Reality (XR) has already been recognized as a vital use case for 5G and beyond networks by the 3GPP group. XR end users are typically mobile, data-intensive, and characterized by stringent delay requirement. This project invites an intern to explore delay modelling only and simulation for Extended Reality (XR) traffic within the context of Industry 5.0. The project involves developing models to simulate the delay of XR traffic and use optimization strategies to improve delay performance to support seamless and sustainable XR experiences, contributing to the development of next-generation industrial networks.