

Intern Requirement

Preferred Discipline	<ul style="list-style-type: none">• Computer/Electrical Engineering or Computer Science
Prerequisites/ Skills Required:	<ul style="list-style-type: none">• Experience in C/C++ programming• Strong interest in communication protocols• Experience with Wireshark technology will be an added advantage
No. of students required	1

Project Details

Title	Research and Development on Communication Protocols
Overview/Background	A protocol defines the format and the order of messages exchanged between communication entities, as well as actions taken on the transmission and receipt of a message or event. In a communication network, different protocols are used to accomplish different communication task, to provide quality of service (QOS) guarantees.
Scope	Communication protocols, C/C++ programming
Aims/Objectives/Deliverables	<ul style="list-style-type: none">• Perform research and development on datalink and network protocols through traffic analysis and characterisation on data communication networks/systems• Develop a protocol identification suite using C/C++.• Acquire a good knowledge on communication protocols as well as hands-on experience in development using C/C++ upon project completion
Project Duration	6 months