Indian Institute of Information Technology, Allahabad Department of Information Technology

Paper Title: Cyber Physical System Security

Assignment - 1

- 1. Can Bus: How the Janus attack possible in the CAN Bus? How can we prevent it?
- 2. Can Bus: What would be the voltage flow in the CAN Bus more than one node sends the Dominant bit? Analyze with the supporting theory of voltage flow and superposition.
- 3. Can Bus: Practice ICSIM and identify the replay attack automatically.