Computer Networks Lab

(ETCS -354)

Lab Assessment Sheet

Student Enrollment No: Student Name:

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| Sr.No. | Experiment | Marks | | | | | Total  marks | Date | Sign |
| R1 | R2 | R3 | R4 | R5 |
| 1 | Discuss simulation and its various tools. |  |  |  |  |  |  |  |  |
| 2 | Introduction to NS3 and its comparison with NS2. |  |  |  |  |  |  |  |  |
| 3 | Installation of NS3 simulator and its steps. |  |  |  |  |  |  |  |  |
| 4 | Write a program in NS3 to connect 2 nodes. |  |  |  |  |  |  |  |  |
| 5 | Write a program in NS3 to connect 3 nodes. |  |  |  |  |  |  |  |  |
| 6 | Using Free Open-Source Software tools ns3, design and implement a bus topology using CSMA. |  |  |  |  |  |  |  |  |
| 7 | Using Free Open-Source Software tools ns3, design and Implement star topology using StarHelperClass. |  |  |  |  |  |  |  |  |
| 8 | Using Free Open-Source Software tools ns3, design and implement a hybrid topology connecting multiple routers and nodes. |  |  |  |  |  |  |  |  |
| 9 | Install and configure NetAnim. |  |  |  |  |  |  |  |  |