**NMAM.I.T., NITTE**

**DEPARTMENT OF MCA**

**II SEM MCA**

**NETWORK ASSIGNMENTS : 2 - NS2**

1. Simulate a four node point-to-point network, and connect the links as follows: n0-n2, n1-n2, n2-n3 and n1-n3.

* Apply UDP traffic between n0-n3.
* Apply relevant applications over UDP agents changing the parameter.
* Set the queue size vary the bandwidth and find the number of packets dropped by UDP.

2. Simulate a six node point-to-point network, and connect the links as follows: n1-n5, n2-n3, n2-n4, n1-n6 and n3-n6.

* Apply FTP agent between n3-n5 and TELNET between n4-n6.
* Apply relevant applications over TCP agents changing the parameter.
* Set the queue size vary the bandwidth and find the number of packets dropped by TCP.
* Change node color, Link Color, Packet Color, change node position and shape.