

Draw chart for following parameters

## INQ

### Graph 1:

x Axis - Number of Ports and y Axis - Average Link Utilization

$B = \{2, 3, 4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

## KOUQ

**Graph 2 :** Obtain graph for different values of Number of ports (vary from 4 to 128) with the average packet delay and average link utilization when the buffer size is vary (2,3,4) and

x Axis - Number of Ports and y Axis - Average Packet Delay

$B = \{2, 3, 4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

### Graph 3:

x Axis - Number of Ports and y Axis - Average Link Utilization

$B = \{2, 3, 4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

**Graph 4:** Obtain graph for different values of knockout value is varies(0.6,0.8,1.0)

x Axis - Number of Ports and y Axis - Average Packet Delay

$K = \{0.6, 0.8, 1.0\}$

$N = \{4, 8, 16, 32, 64, 128\}$

### Graph 5:

x Axis - Number of Ports and y Axis - Average Link Utilization

$B = \{2, 3, 4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

## iSLIP

### Graph 6:

x Axis - Number of Ports and y Axis - Average Packet Delay

$B = \{2, 3, 4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

### Graph 7:

x Axis - Number of Ports and y Axis - Average Link Utilization

$B = \{2,3,4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

### **INQ, KOUQ and iSLIP**

**Graph 8:** Varying number of ports for INQ, KOUQ and INQ

x Axis - Number of Ports and y Axis - Average Link Utilization

$B = \{2,3,4\}$

$N = \{4, 8, 16, 32, 64, 128\}$

**Graph 9:** Varying Packet Generation Probability for INQ, KOUQ and INQ

x Axis – Packet Generation Probability and y Axis - Average Packet Delay

$B = 4$

$N = 8$

$K = 0.6$

Packet Generation Probability =  $\{0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1\}$

**Graph 10:** Varying Packet Generation Probability for INQ, KOUQ and INQ

x Axis – Packet Generation Probability and y Axis - Average Link Utilization

$B = 4$

$N = 8$

$K = 0.6$

Packet Generation Probability =  $\{0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1\}$

**Write down the analysis for each graph just below the graph.**

**Write a short Conclusion.**