



# **Birla Institute of Technology & Science, Pilani**

## **Pilani Campus**

**I SEMESTER 2019-2020**

### **LAB-3 EXERCISE**

**Course No.: IS F462**

**Course Title: Network Programming**

**Deadline: 16<sup>th</sup> September 2019**

**Maximum Marks: 20M**

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Let us implement a voting system using System V Message queue as the communication medium between children and parent. Parent creates N processes, N taken as CLA. When parent sends a message to all children, they reply with 1 or 0. A majority of 1s or 0s decides whether to accept or reject respectively. Parent prints the decision. It also prints the replies from children. Child prints what it has chosen. Child decides 1 or 0 by tossing a coin. This goes on until user stops the program.

Files Expected: A tar file <idno>\_lab3.tar containing voting.c and makefile to compile your program.

Upload in <http://nalanda.bits-pilani.ac.in>