



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

Pilani Campus

## **II SEMESTER 2021-2022**

### **LAB-5 EXERCISE**

**Course No.: IS F462**

**Course Title: Network Programming**

**Deadline: As per Canvas**

**Maximum Marks: 20M**

Create N child processes each one making a TCP connection to a server running on parent process at port taken on command-line. Parent uses epoll to handle all clients. Parent sends any message received from a client with odd fd to only even numbered fds and vice-versa.

Each process must print all messages sent and received along with pid and senders address and port.

Files Expected: A tar file <idno>\_lab5.tar containing tcp\_epoll\_server\_N\_clients.c and makefile to compile your program.

Upload in Canvas.