

B.Sc. (Data Science)
Discipline Specific Course (DSC)
Semester IV

BSDB32402P: Data Communication and Computer Networks Lab

Total Marks: 100
External Marks: 70
Internal Marks: 30
Credits: 2
Pass Percentage: 40%

Besides below given assignment List of Lab Assignments – Session wise will be given to student

1. Familiarization with transmission media and tools: Coaxial cable, UTP cable, Crimping tool, Connectors etc.
2. Configuration of TCP/IP Protocols in Windows.
3. Implementation of resource sharing (file, printer etc.)
4. Configure DHCP/Static IP for a computer connected to a LAN.
5. Practical implementation of basic network command and Network configuration commands like ping, ipconfig, netstat, tracert etc. for troubleshooting network related problems.
6. Familiarization with network simulation tools.