

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON
(An Autonomous Institute of Government of Maharashtra)

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Year and Program: S.Y. B. Tech.(Computer)

Academic Year: 2018-19, Sem-IV

Course Code and Course Name: CO257-Data Communication lab

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Sr. No.	Title of Experiment	Date of Performance	Date of Completion	Page No.	Sign of Teacher
1	To study comparative analysis of different types of network cables with Specifications				
2	To study network related commands such as ARP, IPCONFIG, PING, TRACERT, NSLOOKUP, GETMAC, NETSTAT etc.				
3	To Study network connecting devices specifications and configurations				
4	To study packet tracer.				
5	Crimping of cross-wire and straight-through UTP cable to interconnect two computers				
6	To test Interconnections of computers in Local Area Network to share resources using packet tracer				
7	Write a program to check whether a given IP address is valid IP or not.				
8	Write a program to find class and mask of IP address.				
9	Implementation of Internet checksum				
10	Implementation of cyclic redundancy check				
11	Mini Project: Setting up a laboratory using any topology and prepare documentation of it.				

CERTIFICATE

This is to certify that Mr. /Miss. _____ PRN _____ of **S. Y. B.Tech.(Computer Engineering)** has satisfactorily completed the experiments/work/ assignments specified for Internal Continuous Assessment of **CO257-Data Communication Lab** as specified in syllabus of this Institute for the academic year 2018-19.

Course Teacher
Priyanka Gadade

Course Coordinator
Harish D. Gadade

HoD

Principal