

STD. XI			
Topic : Computer Network			
Competency	Demonstrated through activities		
Main Topic	Sub Topic	Thy. Periods	Prac. Periods
Introduction to Computer Network	Certain criteria of network Properties of Network Basic communication model	01	01
Data Communication	Types, Features and components of Data communication Line configuration in computer network	01	01
Basic hardware components of network	Network interface card, Repeaters , Hubs, Bridges, Switches & Routers	01	
Types of network topology	Bus topology, Ring topology, Star topology, Tree Topology, Hybrid topology	01	01
Types of communication network	LAN, MAN, WAN Relationship to services to protocol Overview of TCP/IP reference model	01	01
Firewalls	Understanding Firewalls How firewalls work Key terms of computer networks	01	

Total Theory lectures : 06

Total Computer Practicals : 04