

**Academic Year: 2016-17 (ODD)**

**Scheme : 2010**

**Course: Computer Networks-1 (10CS55)**

**Sem : 5**

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO 1	Understand the importance of data communication, Internet, Subnet addressing, Ethernet Standards, HDLC, PPP	PO1 PSO3	U	10	NA	NA
CO 2	Remember the Layered architecture of Open System Interconnection (OSI) and Transmission Control Protocol / Internet Protocol (TCP/IP) models.	PO1 PSO3	R	9	NA	NA
CO 3	Understand operations of application layer protocols (HTTP,DNS, SMTP), Channelization protocols and Random Access protocols	PO1 PO6 PSO3	U	9	NA	NA
CO 4	Understand conversion of signals from Digital to Digital, Analog to Digital & Digital to Analog conversion	PO1 PSO3	U	8	NA	NA
CO 5	Remember the working of 802.11, Cellular Telephony, Bluetooth, IPv4 and IPv6 Addresses	PO1 PSO3	R	8	NA	NA
CO 6	Analyze Error detection and correction techniques, Flow control & error control, Noisy & Noiseless Channels	PO2 PSO3	A	8	NA	NA
Total Hours of instruction				52		