

	Computer Networks	
		and the summer while the
	Course objectives	Course outcomes
	1. To impart knowledge on various	Ofter successfully completing
	types of networking, networking	the course, the students will
ca sad	comparents, performance criteria.	le able to:
	spurectify and network topologies.	1. Demonstrate the working
	2. To impart knowledge on the concept	of various protocols on various
	of layered architecture, OSI reference	U
	model, reples reference model, &	2. Implement and analyse
	the differences bow these two	different computer networks.
	3. To impart knowledge on the	3 Identify and solve various
	basic principles of communication!	ARO, addressing problems,
	like switching, coding, modulation	routing problems, and program-
	techniques, multiplexing &	-ming & socket programming
	transmission media.	Moblens.
	4. To supar knowledge of framing,	4. Demonstrate the operations of
	flow control, cura control using	rarious protocols like TCP, EP,
	"various protocols" including the	UDP, DNS, FTP, SMTP etc.
	concept of LAN. & multiple access.	5. Clearly implement security
	5. To impart knowledge of addressing	mechanisms on networks.
	mechanismi prevailed in computer	
	networks and internets.	199400 210010 1 1
	6. To inspert knowledge on congestion*	MARINE LOUIS II
	control using TCP & UDP.	AND THE STATE OF T
	7. To impart concept of client-server*	
	computing using DNST, FTP, SMTP,	in the containing a second
	www and also network security.	

gold golden softed wild -	
Data communication	
Transfer of information between a sender and a reciever through a transmission medium.	
hansle of anjournation wedfilm.	
will medium - 1. Twisted wire cable	
e. Fibre-optic cable (Optical filme)	
5. Co-apial Cable	
Wirdes medium- 1. Air	
Service of the servic	
* There should be a common feature between the	
communicating parties for succenful communication which	
governs the whole process It is called communication	
protocol.	
and a property of the second o	
Centities required for a succenful communication.	
. Some information to mare.	
Established Sendy on the money of the house of the form of the	
B. Receive Hardelphane a sech maire	
4. Medium	
5. Protocol	
windows to be a believed as a second to	
# If recrewe discouds the message from the sender due	
to some reason (inelevant or late negrage), the	
purpose of communication feats.	
* Timelines of transfer is very elitical.	
is the most important.	
is all most important.	
Recommended books:	
· Computer networks - A.S. Tannenbaum	
· Communication network - Leon-Garcia, Widjaja	
· Computer communications—William Stallings	
[· Pata communication & Networking - B.A. Forouxan	