

# Computer Networks

## Faculty - Munesh

Lecture	Topic	PDF	Video
Lec 1	Intro	<a href="#">Slides</a>	<a href="#">Lecture 1</a>
Lec 2	Computer Network Devices and Media	<a href="#">Slides</a>	<a href="#">Lecture 2</a>
Lec 3	Computer Network Devices	<a href="#">Slides</a>	<a href="#">Lecture 3</a>
Lec 3- II	""	""	<a href="#">Lecture 3-II</a>
Lec 4	Open system Interconnection (OSI)	<a href="#">Slides</a>	<a href="#">Lecture 4</a>
Lec 5	OSI physical layer	<a href="#">Slides</a>	<a href="#">Lecture 5</a>
Lec 6	OSI physical layer	<a href="#">Slides</a>	<a href="#">Lecture 6</a>
Lec 7	Physical Layer Transmission Impairment & Performance Metrics	<a href="#">Slides</a>	<a href="#">Lecture 7</a>
Lec 7-II	""	""	<a href="#">Lecture 7-II</a>
Lec 8	Digital to Digital Conversion or Line Coding	<a href="#">Slides</a>	<a href="#">Lecture 8</a>
Lec 9	Transmission Modes	<a href="#">Slides</a>	<a href="#">Lecture 9</a>
Lec 10	Bandwidth Utilization: Multiplexing and Spreading	<a href="#">Slides</a>	<a href="#">Lecture 10</a>
Lec 11	DataLink Layer , Flow Control , Stop and wait	<a href="#">Slides</a>	<a href="#">Lecture 11</a>
Lec 12	Flow control , Stop and Wait ARQ	<a href="#">Slides</a>	<a href="#">Lecture 12</a>
Lec 13	Problems on Stop and Wait	<a href="#">Slides</a>	<a href="#">Lecture 13</a>
Lec 14	Sliding Window and problems	<a href="#">Slides</a>	<a href="#">Lecture 14</a>
Lec 15	Go Back N and problems	<a href="#">Slides</a>	<a href="#">Lecture 15</a>
Lec 16	Selective Repeat and problems , Review of all protocols	<a href="#">Slides</a>	<a href="#">Lecture 16</a>
Lec 17	DataLink Layer Error Control (Parity,CRC)	<a href="#">Slides</a>	<a href="#">Lecture 17</a>
Lec 18	Checksum and Access Control	<a href="#">Slides</a>	<a href="#">Lecture 18</a>
Lec 19	Polling & CSMA/CD	<a href="#">Slides</a>	<a href="#">Lecture 19</a>
Lec 20	CSMA/CD , Binary Exponential BackOff Algorithm	<a href="#">Slides</a>	<a href="#">Lecture 20</a>
Lec 21	Problems on CSMA / CD and Backoff algo	<a href="#">Slides</a>	<a href="#">Lecture 21</a>
Lec 22	Token Passing, DTR and ETR	<a href="#">Slides</a>	<a href="#">Lecture 22</a>
Lec 23	Aloha-slotted;pure,Ethernet	<a href="#">Slides</a>	<a href="#">Lecture 22</a>

Lecture	Topic	PDF	Video
Lec 24	Switching	<a href="#">Slides</a>	<a href="#">Lecture 24</a>
Lec 25	Routing algorithms	<a href="#">Slides</a>	<a href="#">Lecture 25</a>
Lec 26	IP address, Casting	<a href="#">Slides</a>	<a href="#">Lecture 26</a>
Lec 27	CIDR,Subnetting	<a href="#">Slides</a>	<a href="#">Lecture 27</a>
Lec 28	Subnetting	<a href="#">Slides</a>	<a href="#">Lecture 28</a>
Lec 29	IPv4,Fragmentation,IPv6	<a href="#">Slides</a>	<a href="#">Lecture 29</a>
Lec 30	Transport layer protocol-TCP	<a href="#">Slides</a>	<a href="#">Lecture 30</a>
Lec 31	TCP	<a href="#">Slides</a>	<a href="#">Lecture 31</a>