

S.No	Lecture Content	Book	Assignments
1	IPv4 Header and Service Models	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	
2	IPv6 Header, Services, Address space, IPv4 & IPv6 Conversions	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	
3	Routing Protocols- Distance Vector Algorithm, RIP Protocol	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	Quiz
4	OSPF, Link State	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	

5	BGP, Path Vector	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	Assignment: Node instability and solutions
6	BGP Protocol	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	Assignment: ICMP , SNMP Protocols
7	DataLink Layer- Introduction, Services	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	
8	Error Control	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	Quiz
9	Presentations		

10	MAC Protocols- Channel Partioning, Taking Turns and Random Access	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	
11	DataLink Layer- Fragmentation, Ethernet, ARP Protocol	Computer Networking: A Top-Down Approach Featuring the Internet by Kurose and Ross, Sixth Edition	
12	Physical Layer		Mobile Communication