

महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

LESSON PLAN (SESSION 2025-26)

CLASS: BA

SEM: 5

FACULTY NAME : Teacher

SUBJECT : Data Communication and Computer Networks (COA301) and Internet and Web Technologies (COA302)

S.No.	Date	Day	Paper No.	Unit Name	Topic
1	16-Jul-25	Wednesday	2	Unit 1: Internet	Evolution, Applications, Technologies,
2	17-Jul-25	Thursday	2	Unit 1: Internet	Evolution, Applications, Technologies,
1	18-Jul-25	Friday	1	Unit 1: Computer Communication & Network	Data Communication, Data Transmission : Serial and Parallel
2	19-Jul-25	Saturday	1	Unit 1: Computer Communication & Network	Data Communication, Data Transmission : Serial and Parallel
3	21-Jul-25	Monday	2	Unit 1: Internet	Working, Clients & Servers, Internet Services, Online Services,
3	21-Jul-25	Monday	1	Unit 1: Computer Communication & Network	Data Communication, Data Transmission : Serial and Parallel
	22-Jul-25	Tuesday	CLASS TEACHING		
3	22-Jul-25	Tuesday	1	Unit 1: Computer Communication & Network	Data Communication, Data Transmission : Serial and Parallel
4	23-Jul-25	Wednesday	2	Unit 1: Internet	TCP/IP, Getting Connected, Different type of connections, ISP, Address in internet,
5	24-Jul-25	Thursday	2	Unit 1: Internet	TCP/IP, Getting Connected, Different type of connections, ISP, Address in internet,
4	25-Jul-25	Friday	1	Unit 1: Computer Communication & Network	Modes of Data Transmission : Asynchronous and synchronous
5	26-Jul-25	Saturday	1	Unit 1: Computer Communication & Network	Modes of Data Transmission : Asynchronous and synchronous
6	28-Jul-25	Monday	2	Unit 2: E – mail	E-mail basics, E – mail networks, Protocols, working,
6	28-Jul-25	Monday	1	Unit 1: Computer Communication & Network	Time and Frequency Domain, Composite Signals
	29-Jul-25	Tuesday	MONTHLY EVALUATION		
7	29-Jul-25	Tuesday	1	Unit 1: Computer Communication & Network	Time and Frequency Domain, Composite Signals
7	30-Jul-25	Wednesday	2	Unit 2: E – mail	E-mail basics, E – mail networks, Protocols, working,
8	31-Jul-25	Thursday	2	Unit 2: E – mail	Format of an E mail message, Basic E – mail functions
8	1-Aug-25	Friday	1	UNIT 2: Types of Transmission	Types of Transmission : Analog and Digital,
9	2-Aug-25	Saturday	1	UNIT 2: Types of Transmission	Types of Transmission System : Simplex, Half – Duplex and Full – duplex,
9	4-Aug-25	Monday	2	UNIT 2: Types of Transmission	Format of an E mail message, Basic E – mail functions

10	4-Aug-25	Monday	1	UNIT 2: Types of Transmission	Types of Transmission System : Simplex, Half – Duplex and Full – duplex,
	5-Aug-25	Tuesday	CLASS TEACHING		
11	5-Aug-25	Tuesday	1	UNIT 2: Types of Transmission	Types of Transmission System : Simplex, Half – Duplex and Full – duplex,
10	6-Aug-25	Wednesday	2	Unit 2: E – mail	E-mail clients – Netscape messenger, outlook express, E-mail security,
11	7-Aug-25	Thursday	2	Unit 3:World Wide Web (WWW)	Evolution, Basic features. Clients & servers, URL, HTTP,
12	8-Aug-25	Friday	1	UNIT 2: Types of Transmission	Communication Media, Modems, Data Multiplexers, Computers Networks,
12	11-Aug-25	Monday	2	Unit 3:World Wide Web (WWW)	Evolution, Basic features. Clients & servers, URL, HTTP,
13	11-Aug-25	Monday	1	UNIT 2: Types of Transmission	Communication Media, Modems, Data Multiplexers, Computers Networks,
14	12-Aug-25	Tuesday	2	Unit 3:World Wide Web (WWW)	HTML
16	12-Aug-25	Tuesday	1	UNIT 2: Types of Transmission	Server, Transmission Technology, Local Area Network
	13-Aug-25	Wednesday	CLASS TEACHING		
14	14-Aug-25	Thursday	2	Unit 3:World Wide Web (WWW)	HTML
15	18-Aug-25	Monday	2	Unit 3:World Wide Web (WWW)	HTML
15	18-Aug-25	Monday	1	UNIT 2: Types of Transmission	Topologies : Star, Ring, Bus, Wide Area Networks, MAN,
16	19-Aug-25	Tuesday	2	UNIT 2: Types of Transmission	Topologies : Star, Ring, Bus, Wide Area Networks, MAN,
16	19-Aug-25	Tuesday	1	UNIT 2: Types of Transmission	OSI Models of ISO, Network Protocols : SPX/IPX TCP/IP.
17	20-Aug-25	Wednesday	2	Unit 3:World Wide Web (WWW)	HTML
18	21-Aug-25	Thursday	2	Unit 3:World Wide Web (WWW)	HTML
17	22-Aug-25	Friday	CLASS TEACHING		
18	23-Aug-25	Saturday	1	UNIT 2: Types of Transmission	OSI Models of ISO, Network Protocols : SPX/IPX TCP/IP.
19	25-Aug-25	Monday	2	Unit 3:World Wide Web (WWW)	HTML
19	25-Aug-25	Monday	1	UNIT 3: Telnet	Telnet : Remote Login, Telnet Protocols,
20	26-Aug-25	Tuesday	2	Unit 3:World Wide Web (WWW)	HTML
20	26-Aug-25	Tuesday	1	UNIT 3	Basic Concepts, Telnet Clients : Windows 98/95 Telnet Program, Hyper terminal, Unix
21	27-Aug-25	Wednesday	2	Unit 3:World Wide Web (WWW)	HTML
22	28-Aug-25	Thursday	2	Unit 3:World Wide Web (WWW)	HTML

	29-Aug-25	Friday	MONTHLY EVALUATION		
21	30-Aug-25	Saturday	1	Unit 3:World Wide Web (WWW)	Basic Concepts, Telnet Clients : Windows 98/95 Telnet Program, Hyper terminal, Unix
23	1-Sep-25	Monday	2	Unit 3:World Wide Web (WWW)	HTML
22	1-Sep-25	Monday	1	Unit 3:World Wide Web (WWW)	Basic Concepts, Telnet Clients : Windows 98/95 Telnet Program, Hyper terminal, Unix
24	2-Sep-25	Tuesday	2	Unit 3:World Wide Web (WWW)	XML, multimedia, WWW Browsers, WWW Servers, using a Web Browser eg. Internet
23	2-Sep-25	Tuesday	1	UNIT 4 : Management of a LAN	LAN, Definition and usage, Major components,
25	3-Sep-25	Wednesday	2	Unit 3:World Wide Web (WWW)	XML, multimedia, WWW Browsers, WWW Servers, using a Web Browser eg. Internet
26	4-Sep-25	Thursday	2	Unit 3:World Wide Web (WWW)	XML, multimedia, WWW Browsers, WWW Servers, using a Web Browser eg. Internet
	6-Sep-25	Saturday	CLASS TEACHING		
27	8-Sep-25	Monday	2	Unit 2: FTP	The file transfer protocol introduction and basic procedure,
24	8-Sep-25	Monday	1	UNIT 4 : Management of a LAN	LAN, Definition and usage, Major components,
28	9-Sep-25	Tuesday	2	Unit 2: FTP	The file transfer protocol introduction and basic procedure,
25	9-Sep-25	Tuesday	1	UNIT 5	architecture, initiation to Novell Netware, IPX command,
29	10-Sep-25	Wednesday	2	Unit 2: FTP	Types of FTP Servers, FTP Software, Command Driven clients and GUI – driven
30	11-Sep-25	Thursday	2	Unit 2: FTP	Types of FTP Servers, FTP Software, Command Driven clients and GUI – driven
26	12-Sep-25	Friday	1	UNIT 5	architecture, initiation to Novell Netware, IPX command,
	13-Sep-25	Saturday	CLASS TEACHING		
31	15-Sep-25	Monday	2	UNIT 4: Web Publishing	Website planning, Publishing Tools,
27	15-Sep-25	Monday	1	UNIT 5	Changing Drives, Logging in , Giving passwords, changing password, Logging out,
32	16-Sep-25	Tuesday	2	UNIT 4: Web Publishing	Website planning, Publishing Tools,
28	16-Sep-25	Tuesday	1	UNIT 5	Changing Drives, Logging in , Giving passwords, changing password, Logging out,
33	17-Sep-25	Wednesday	2	UNIT 4: Web Publishing	Website planning, Publishing Tools,
34	18-Sep-25	Thursday	2	UNIT 4: Web Publishing	The Front Page Solution,
29	19-Sep-25	Friday	1	UNIT 5	Changing Drives, Logging in , Giving passwords, changing password, Logging out,
	20-Sep-25	Saturday			
35	22-Sep-25	Monday	2	UNIT 4: Web Publishing	HTML – Designing and decoration of web pages using HTML's basic features in

30	22-Sep-25	Monday	1	UNIT 5	Changing Drives, Logging in , Giving passwords, changing password, Logging out,
36	23-Sep-25	Tuesday	2	UNIT 4: Web Publishing	HTML – Designing and decoration of web pages using HTML's basic features in
31	23-Sep-25	Tuesday	1	UNIT 5	Changing Drives, Logging in , Giving passwords, changing password, Logging out,
37	24-Sep-25	Wednesday	2	UNIT 4: Web Publishing	HTML – Designing and decoration of web pages using HTML's basic features in
38	25-Sep-25	Thursday	2	UNIT 4: Web Publishing	HTML – Designing and decoration of web pages using HTML's basic features in
32	26-Sep-25	Friday	1	UNIT 5	Changing Drives, Logging in , Giving passwords, changing password, Logging out,
	27-Sep-25	Saturday			
39	29-Sep-25	Monday	2	UNIT 5 : Internet Security	Need, Web Search engine
33	29-Sep-25	Monday	1	Unit 5	operator & Supervisor, Storing of files, Network drives, Map command, Network
40	30-Sep-25	Tuesday	2	UNIT 5 : Internet Security	Need, Web Search engine
34	30-Sep-25	Tuesday		Unit 5	operator & Supervisor, Storing of files, Network drives, Map command, Network
35	3-Oct-25	Friday	1	Unit 5	operator & Supervisor, Storing of files, Network drives, Map command, Network rights,
36	4-Oct-25	Saturday	1	Unit 5	operator & Supervisor, Storing of files, Network drives, Map command, Network rights,
41	6-Oct-25	Monday	2	UNIT 5 : Internet Security	web meta searcher, web search Agents
37	6-Oct-25	Monday	1	UNIT 5 : Internet Security	operator & Supervisor, Storing of files, Network drives, Map command, Network
42	7-Oct-25	Tuesday	2	UNIT 5 : Internet Security	web meta searcher, web search Agents
	7-Oct-25	Tuesday	CLASS TEACHING		
43	8-Oct-25	Wednesday	2	UNIT 5 : Internet Security	E-mail Threats
44	9-Oct-25	Thursday	2	UNIT 5 : Internet Security	E-mail Threats
38	10-Oct-25	Friday	1	UNIT 5	operator & Supervisor, Storing of files, Network drives, Map command, Network rights,
39	11-Oct-25	Saturday	1	UNIT 5	operator & Supervisor, Storing of files, Network drives, Map command, Network rights,
45	13-Oct-25	Monday	2	UNIT 5 : Internet Security	Firewall, Firewall Architecture, Choosing a suitable Firewall
	13-Oct-25	Monday			
	14-Oct-25	Tuesday			
	14-Oct-25	Tuesday			
	15-Oct-25	Wednesday			
	16-Oct-25	Thursday			
	17-Oct-25	Friday			
	18-Oct-25	Saturday			

46	21-Oct-25	Tuesday	2	UNIT 5 : Internet Security	Firewall, Firewall Architecture, Choosing a suitable Firewall
40	21-Oct-25	Tuesday	1	UNIT 5	File management, Netware Rescue, Filter utility, Access method, Login scripts.
41	24-Oct-25	Friday	1	UNIT 5	File management, Netware Rescue, Filter utility, Access method, Login scripts.
42	25-Oct-25	Saturday	1	UNIT 5	File management, Netware Rescue, Filter utility, Access method, Login scripts.
47	27-Oct-25	Monday	2	UNIT 5 : Internet Security	Firewall, Firewall Architecture, Choosing a suitable Firewall
43	27-Oct-25	Monday	1	UNIT 5	Firewall, Firewall Architecture, Choosing a suitable Firewall
48	28-Oct-25	Tuesday	2	UNIT 5 : Internet Security	Firewall, Firewall Architecture, Choosing a suitable Firewall
44	28-Oct-25	Tuesday	1	Unit 5	File management, Netware Rescue, Filter utility, Access method, Login scripts.
	29-Oct-25	Wednesday	CLASS TEACHING		
49	30-Oct-25	Thursday	2	Unit 3:World Wide Web (WWW)	Revision
45	31-Oct-25	Friday	1	Unit 1	Revision
46	1-Nov-25	Saturday	1	Unit 1	Revision
50	3-Nov-25	Monday	2	UNIT 3	Revision
47	3-Nov-25	Monday	1	Unit 2	Revision
51	4-Nov-25	Tuesday	2	Unit 4	Revision
48	4-Nov-25	Tuesday	1	Unit 2	Revision
	6-Nov-25	Thursday	CLASS TEACHING		
49	7-Nov-25	Friday	1	UNIT 3	Revision
50	8-Nov-25	Saturday	1	UNIT 3	Revision
52	10-Nov-25	Monday	2	Unit 4	Revision
51	10-Nov-25	Monday	1	Unit4	Revision
53	11-Nov-25	Tuesday	2	Unit 2	Revision
52	11-Nov-25	Tuesday	1	UNIT 4	Revision
54	12-Nov-25	Wednesday	2	Unit 1	Revision
	13-Nov-25	Thursday	CLASS TEACHING		
53	14-Nov-25	Friday	1	Unit 5	Revision
54	15-Nov-25	Saturday	1	Unit5	Revision