

Lesson Plan

Name of Faculty : Sonam, Assistant Professor of CSE
 Department : Computer Science and Engineering
 Semester : 4th (EVEN)
 Subject : Computer Network Lab(PC/CSE/42-P)
 Lesson Plan Duration : 15 weeks (from March to June 2025)
 Work Load (Lecture/Practical) per week (in hours): Lectures-06 hours (02hours of G-1st & 02hours of G-2nd & G-3rd)

Week	Theory/ Practical (Group-1 st to 3rd)		Topic Covered Date and Remarks		
	Practical Day	Topics/ Programs	Date	HOD	Director-Principal
1 st	1	Specifications of Laptop and desktop.			
2 nd	2	Familiarization with networking components and device LAN adapter, Hub, switches, routers etc.			
3 rd	3	Familiarization with transmission media and tools: co-axial cable, UTP cable, Crimping tools and connectors.			
4 th	4	Preparing the UTP cable for cross and direct connection using crimping tool			
5 th	5	One assignment on challenging problems on Computer Network to be given in groups.			
6 th	6	Introduction to various interior and exterior routing protocols.			
7 th		Minor test 1 st			
8 th	7	Installation and introduction of simulation tools packet tracer/GNS3.			
9 th	8	Study of various LAN topologies and their creation using network device, cable and computer.			
10 th	9	Viva Voce 1st			
11 th	10	One assignment on challenging problems on Computer Network to be given in groups.			
12 th	11	Configuration of TCP/IP protocols in window/Linux.			
13 th	12	Configuration of TELNET protocol on router for remote access.			
14 th		Minor test 2 nd			
15 th	13	Viva Voce 2nd			