

Lesson Plan

Name of Faculty : Dr.Manju Devi, Assistant Professor  
of CSE Department : CSE(Data Science)  
Semester : 4<sup>th</sup> (EVEN)  
Subject : Computer Networks( PC/CDS/42-T)

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