# Lesson Plan

**Name of Faculty** : Dr. Manju Devi, Assistant Professor of CSE
**Department** : Computer Science and Engineering
**Semester** : 4th (EVEN)
**Subject** : Computer Network Lab(PCC-CSE206-P)
**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-1st to 3rd) | | Topic Covered Date and Remarks | | |
|------|------------------|------------------------------------|------|-----|-------------------|
| | Practical Day | Topics/ Programs | Date | HOD | Director- Principal |
| 1st | 1 | **Specifications of Laptop and desktop.** | | | |
| 2nd | 2 | **Familiarization with networking components and device LAN adapter, Hub, switches, routers etc.** | | | |
| 3rd | 3 | **Familiarization with transmission media and tools: co-axial cable, UTP cable, Crimping tools and connectors.** | | | |
| 4th | 4 | **Preparing the UTP cable for cross and direct connection using crimping tool** | | | |
| 5th | 5 | **One assignment on challenging problems on Computer Network to be given in groups.** | | | |
| 6th | 6 | **Introduction to various interior and exterior routing protocols.** | | | |
| 7th | | **Minor test 1st** | | | |
| 8th | 7 | **Installation and introduction of simulation tools packet tracer/GNS3.** | | | |
| 9th | 8 | **Study of various LAN topologies and their creation using network device, cable and computer.** | | | |
| 10th | 9 | **Viva Voce 1st** | | | |
| 11th | 10 | **One assignment on challenging problems on Computer Network to be given in groups.** | | | |
| 12th | 11 | **Configuration of TCP/IP protocols in window/ Linux.** | | | |
| 13th | 12 | **Configuration of TELNET protocol on router for remote access.** | | | |
| 14th | | **Minor test 2nd** | | | |
| 15th | 13 | **Viva Voce 2nd** | | | |