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*Approved by: All India Council for Technical Education (AICTE), New Delhi*  
*Affiliated to: Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow*

**Name of the Subject:** Computer Networks

**Faculty Name:** Dr. Shalini Yadav

**Innovation Practices:** Experiential Learning

**Students Involved:** 6<sup>th</sup> Semester

**Industrial visits** are a powerful experiential learning tool that brings textbook concepts to life, giving students a deeper and more practical understanding of networking technologies and operations. It provides real-world exposure, boosts technical skills, and prepares students for future careers in network administration, security, and design.

This type of learning provides students a hands-on, real-world opportunity to connect classroom theory with the practical workings of modern networking environments. During an industrial visit, students gain direct exposure to the infrastructure, tools, and operations involved in managing and maintaining large-scale network systems.

Impact of Experiential Learning:

**Practical Exposure to Real-World Networking**

Deepens Understanding of Network Infrastructure

Enhances Learning of Advanced Concepts

Bridges the Gap Between Theory and Practice

Increases Awareness of Industry Standards and Tools

Real-World Understanding of Network Security

