Industrial Visit to Network Bulls

Date of Visit: 18 Feb 2025
Company Name: Network Bulls, Gurugram

1. Introduction

The Student Skill Development Committee, Department of Computer Science, University of Delhi, organised an industrial visit to Network Bulls, a leading institution specialising in networking training and industry-based learning. The visit aimed to provide students with hands-on experience in computer networking, bridging the gap between theoretical knowledge and real-world applications.

2. Objective of the Visit

The primary objectives of the industrial visit were:

- To gain practical insights into networking concepts such as DHCP, ARP, and Wireshark.
- To understand how networking devices like hubs, switches, and routers function in real-world scenarios.
- To enhance students' understanding of network security, protocols, and troubleshooting techniques.
- To interact with industry experts and explore career opportunities in networking.

3. Session Highlights

The session was led by **Pramod Singh, Head – Training and Corporate Relations** at Network Bulls, who provided an engaging and informative session. The key highlights of the visit included:

- Theoretical Explanation: Introduction to networking protocols and their real-world applications.
- Hands-on Training: Students worked with networking devices such as switches and routers, analysing network traffic using Wireshark.
- Practical Demonstrations: Live demonstrations of DHCP (Dynamic Host Configuration Protocol) and ARP (Address Resolution Protocol).
- Industry Insights: Discussion on career prospects in networking and required certifications like CCNA, CCNP, and CCIE.

4. Faculty and Student Participation:

The visit was successfully organised under the guidance of our esteemed faculty members:

1. Prof. Neelima Gupta (Head of the Department)
2. Prof. Vasudha Bhatnagar (Member)
3. Dr. Dilip Senapati (Member)
4. Dr Bharti (Convener)
5. Dr. Reena Kasana (Member)

Students actively participated in the discussions and practical sessions, gaining hands-on experience with industry-standard networking tools and equipment.

5. Key Takeaways

- Enhanced understanding of network protocols and security mechanisms.
- Hands-on exposure to network troubleshooting and monitoring tools. • Awareness of industry demands and career opportunities in networking.
- Practical experience with network infrastructure setup and analysis.

6. Conclusion:

The industrial visit to Network Bulls was an enriching experience, equipping students with valuable technical skills and industry knowledge. It served as an excellent opportunity to understand the practical aspects of networking, reinforcing classroom learning with real-world exposure. We extend our gratitude to Network Bulls for hosting this insightful session and to Pramod Singh for sharing his expertise. A special thanks to our professors for their support and guidance in making this visit a success.

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