Report of Industrial Visit to

Network Bulls, Gurugram

(7th November 2023)

Organized by: TechPioneers (Computer Science Society), Aryabhatta College

TechPioneers, the Computer Science Society of Aryabhatta College successfully conducted an Industrial Visit to Network Bulls, Gurugram on 7th November 2023. The visit consisted of a training session on IT Networking and aimed to provide students with a comprehensive understanding of IT Networking and practical exposure to Cisco Routers and Switches. A group of 54 students and 5 faculty members from the Department of Computer Science, Aryabhatta College, participated in the visit.

Visit Highlights

World's Largest Cisco Training Labs

Network Bulls hosted the industrial visit at its campus in Gurgaon, featuring the world's largest Cisco Training Labs. This impressive facility included over 2000 devices such as Routers, Switches, Firewalls, IPS Systems, ISE Servers, Call Managers, IP Phones, and more.

Theoretical Session

The visit commenced with an informative theoretical session, lasting approximately 1.5 hour. During this session, students gained insights into the fundamentals of computer networks and its application. It provided a solid foundation for understanding the practical aspects of networking. The visit covered a wide range of topics, including the basics of networking, the scope of networking, VPN, an introduction to various devices like Routers, Switches, and Firewalls, LAN, WAN, WAN, proxies, OSI model, IP addressing, network security basics, types of security devices, ethical hacking basics, types of hacks and attacks, network security, Telnet configuration, adding IP addresses, DHCP configuration, and creating VLANs.

Hands-on Practical Session

Following the theoretical segment, an engaging hands-on practical session was conducted, which lasted around 1-2 hours. Students had the opportunity to work with real Cisco Routers and Switches. This practical experience allowed them to apply the theoretical knowledge they had acquired and gain valuable hands-on skills.

Scope and Career Growth Opportunities

Students learned about the vast scope of Cisco networking and the career growth opportunities it offers. This insight was crucial for those in their final and pre-final years who are considering a career in IT Networking.

Certificates

Network Bulls facilitated the college with a Certificate of Appreciation for the visit. The accompanying faculty received Certificate of Appreciation for facilitating the industrial visit. All student participants were awarded participation certificates, acknowledging their active involvement in the industrial visit.

Conclusion

The industrial visit to Network Bulls was a valuable and enriching experience for the students and faculty of Aryabhatta College. It provided students with an opportunity to bridge the gap between theory and practice in the field of IT Networking. The theoretical session laid a strong foundation, and the hands-on practical session allowed students to apply their knowledge in a real-world setting. Furthermore, the visit exposed students to the vast career opportunities in the field of IT Networking.

We would like to extend our gratitude to Network Bulls for hosting this educational and insightful industrial visit. We look forward to more such opportunities in the future to enrich our students' academic and professional growth.

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Glimpses from the Industrial Visit

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Sector 14
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Gurgaon Division
Haryana