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Industrial Visit organized by Department
of EC-ACT

Report on One-day Industrial Visit to BSNL office, Indiranagar, Bengaluru.

A one-day Industrial Visit to BSNL, Indiranagar, Bangalore was organized by the Department of Advanced Communication Technology, on 10th November 2024, for the 3rd semester students. A BMTC bus was used for transportation. We started at 9 a.m. from the college and reached BSNL venue at 10-30 a.m.

A total of 43 students from 3rd sem, ACT Department visited the organization, accompanied by Prof. Farha Kowsar, Assistant Professor, ACT Department. The students and faculty members were received by the Training Principal, BSNL, Indiranagar, Bangalore. After reaching the BSNL office all students were divided into two batches and each batch was taken to learn about different modules namely switching, transmission and MDF (Main distribution function). Different modules were discussed and explained by several experts named as Mr. Prasad (Sub-Divisional Engineer, BSNL) and Mrs. Sonalika (Sub-Divisional Engineer, BSNL)

During the visit to the switching modules, students gained practical insights into call-making and receiving. They received instructions on creating calling numbers and checking dial tones.

In the transmission module, students received a comprehensive briefing on Optical Fiber Communication (OFC), including its uses, advantages, and applications. Real cables were displayed to students, providing a tangible understanding of their operational procedures.

Within the MDF module, students were educated on the significance of the Main Distribution Function (MDF). They were briefed about both the line side and exchange side of MDF and were shown the functioning components of the distribution unit.

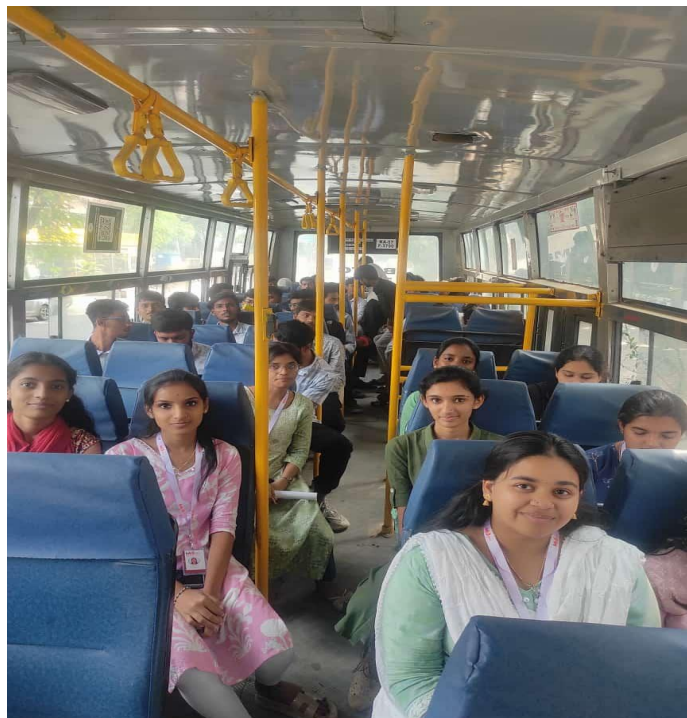
The visit ended at 1:30 pm and we left the premises and reached back to college at 3:00 pm. Students felt that the visit was informative and interesting. We Faculty and Industrial coordinator express our sincere thanks to the Management, Principal, Dean Academics and HOD for permitting students for this informative visit.

Outcome of the Event:

Students witnessed various technical processes involved in live switching of telephone links at regional level. Students also gained knowledge about several types of switch boxes and links used for internet and voice communication.



Second year ACT students starting their journey from MVJCE, Bangalore



Second year ACT students boarding the bus



Second year ACT students inside the DDTC BSNL, Bangalore



Second year ECE students listening to the concept of main distribution function