

DEPARTMENT OF CIVIL ENGINEERING

Report on

Industrial Visit to BMRCL & ACT Bengaluru

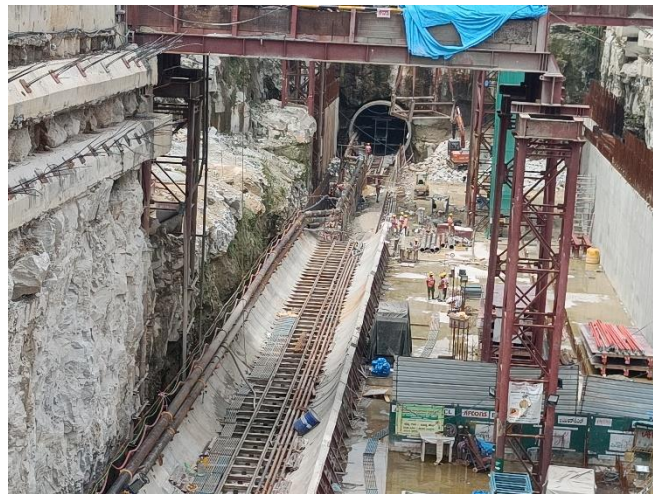
Department of Civil Engineering had organized an Industrial Visit to Bengaluru Metro Rail Corporation Limited (BMRCL) & Academy of Concrete Technology (ACT), Bengaluru on 5th May 2023 for 8th semester students. A total of 46 students and 3 accompanying staffs Mr. Rudresh A N Asst. Prof, Srivathsa H U Asst. Prof & Puneeth K Asst. Prof took part in the visit.

BMRCL Tunnel Site at Shanthinagar

We started our Journey from Mysuru at Morning 6.30AM and we reached BMRCL site at Shanthinagar, Bengaluru around 10.30AM where tunnelling operation was carrying out. BMRCL officials welcomed us at the Metro site and briefed about the safety precautions that visistors should be adhered during the visist. They gave us safety jakets and helmets before entering into the Tunnel site. Mr. Raghavendra Shanbog, Chief Engineer BMRCL berified out the tunnelling operation which was carrying out at the site. At the time of visit, students observed the installation of Precast segments forming a permanent lining for tunnel having a life span of 100 years, a crusher mill breaking down huge rock into pieces and laying of track for the movement of locomotive. The crushed pieces of stones was carried by cast iron pipes and later it will be segregated at Diary Circle based on their sizes. Metro Tunnel Site that we visited at Shantinagar comes under Phase-II which connects Nagawara to Kalena Agrahara. At the end of visit, officials offered us with Juice and biscuits.



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MYK Armentm, Construction Chemical Industry

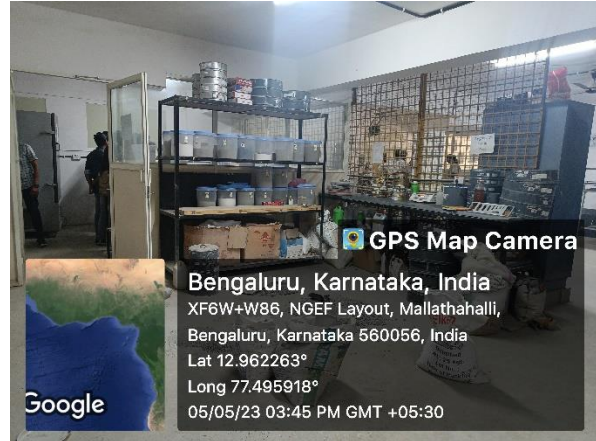
After visiting the Metro site, we moved on to Academy of Concrete Technology lab located at Nagarbavi Bengaluru. Mr. Mahesh, Technical person of MYK Arment Construction Chemical Industry explained the necessities of Admixtures in preparing the concrete mixtures. During his presentation, he explained different types of Chemical Admixtures which are used along with concrete ingredients in controlling its properties best suited for specified application.



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Academy of Concrete Technology Lab, Nagarbavi

After the presentation, students visited Academy of Concrete Technology a NABL accredited lab collaborated with MYK Arment Construction Chemical Industry. Mr. Raghunath R, Managing Head and his technical team of ATC gave a detailed explanation about the equipments which are used for testing concrete ingredients, Concrete specimens, tile testing etc.



We left Bengaluru at 5.30PM and we reached Mysuru around 7.30PM. We thank the Management, Dr. L Basavaraj, Principal & Mr. Manu Vijay HOD Dept. of CE ATMECE for providing us an opportunity for the visit.

Gallery:



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