

DEPARTMENT OF CIVIL ENGINEERING

Report on

Industrial Visit

Department of Civil Engineering, ATMECE Mysuru in co-ordination with Builder's Association of India (BAI), Mysuru Centre had organized one day technical site to the following places:

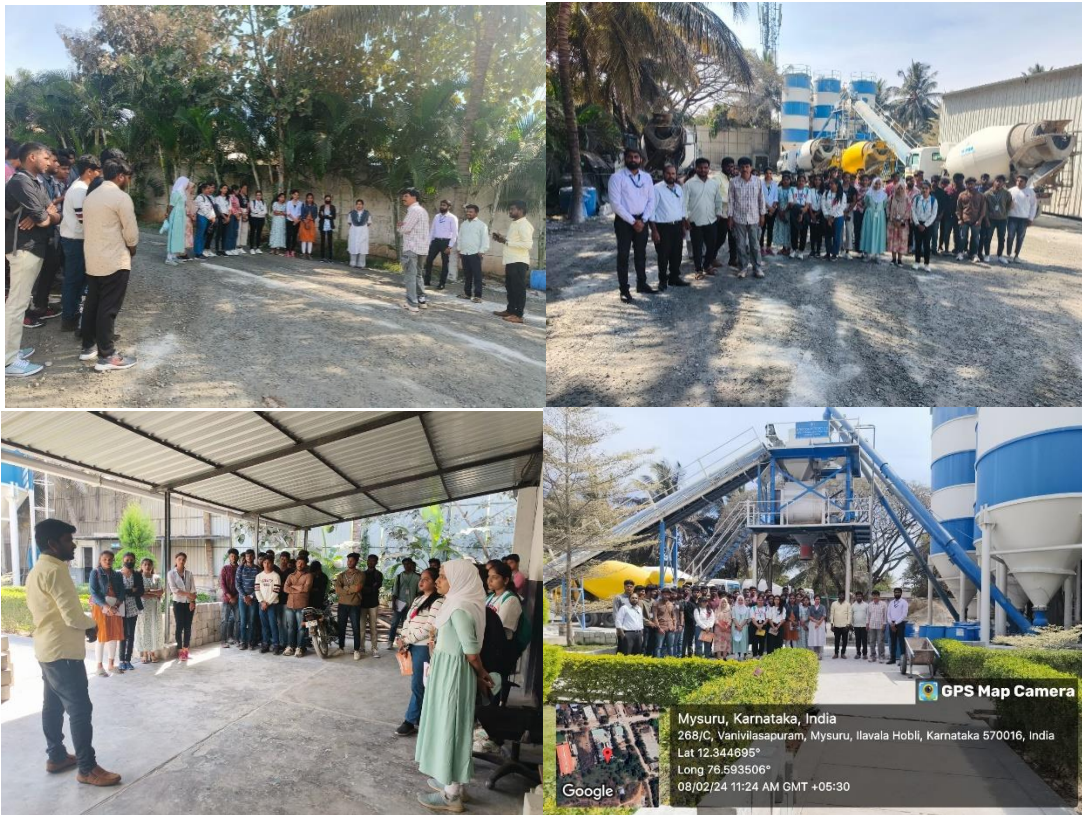
1. MPro Ready Mix Concrete Manufacturing Plant
2. CKN logistics a Cold Storage Unit
3. Sarala Concrete Block & Paver Block Manufacturing Unit
4. Wood Sawmill Industry

The Industrial visit was held on 8th February 2024 located in Mysuru region for both 3rd & 5th semester students.

DEPARTMENT OF CIVIL ENGINEERING

MPro RMC Plant:

Ready Mix Concrete Manufacturing Plant is located in Hebbal Industrial Area. At the time of visit Mr. Dinesh, BAI Shilpi Coordinator and MPro Plant Manager Mr. Kalleshi welcomed us and explained in brief about the functioning of the plant. He explained the type of admixtures used, its requirement in concrete industry was explained to the students. They showed us the QA & QC laboratory facility where the construction materials are tested. During the visit students were also taken to batching plant control room where the mix proportions, concrete grade and volume of concrete being manufactured per batch was showed to the students.



DEPARTMENT OF CIVIL ENGINEERING

CKN Logistics

CKN Logistics offers warehousing solutions and services across a spectrum of temperatures - from ambient to chilled to frozen(-25°C to +25°C), along with a number of facilities. The industry is located Kadkola Industrial Area Mysuru district. CKN Logistics is a company with leading integrated temperature-controlled logistics service provider, specializing in providing cold storage, distribution, and other value-add services across the country. The state-of-the-art temperature- controlled cold storage facilities and allows to ensure product quality and temperature integrity of customer's products from point of origin to the consumption point.

For Cold Storage environment friendly refrigerant is used such as FREON R404a as refrigerant gas, Rigid polyurethane Foam (RPUF) insulation, Insulation thickness from 60mm up to 120mm, Joinery through camlock and finished with a silicone sealant and Pressure relief valves for freezer rooms has been installed.

For Panels& Doors Pre-fabricated, insulated, metal laminated panels is used which is best suited for freezing and chilling.Single leaf sliding doors & Heaters in door leaf fitted with Air curtains, Non-corrosive, non-metallic hinges, door handles, and locks.Positive seal mechanism for all door types to avoid cold air loss has been incorporated.





DEPARTMENT OF CIVIL ENGINEERING



DEPARTMENT OF CIVIL ENGINEERING

Sarala Concrete Block Manufacturing Unit

Sarala Industries began operations in Mysore, introducing high quality products to support construction industry. They have started setting up new bench mark of concrete products with the excellent service with in time delivery. Plant comprises of fully fledged Hi-Tech manufacturing facility spread over 2 acres. Entire project is surrounded by lush green trees and strict disciplined measures are taken to minimize the carbon footprints. Plant Manager explained the functioning of the plant. One special feature the plant consists is Aerated Curing where concrete blocks and paver blocks are being cured and strength attained for 28 days with conventional curing can be achieved in 24hrs with aerated curing.



DEPARTMENT OF CIVIL ENGINEERING

Rangaani Timbers

A sawmill (saw mill, saw-mill) or lumber mill is a facility where logs are cut into lumber. Modern sawmills use a motorized saw to cut logs lengthwise to make long pieces, and crosswise to length depending on standard or custom sizes (dimensional lumber). The "portable" sawmill is simple to operate. The log lies flat on a steel bed, and the motorized saw cuts the log horizontally along the length of the bed, by the operator manually pushing the saw. The most basic kind of sawmill consists of a chainsaw and a customized jig ("Alaskan sawmill"), with similar horizontal operation. Students were informed about the working of sawmill, identifying the types of wood, seasoning operation etc.

