

INDUSTRIAL VISIT TO ALCOLAB

The 3rd year civil engineering students went on an industrial site visit to **ALCOLAB, Kundai, Goa** on 21st October 2022 and 09th November 2022 batch wise.

The visit started with the firm's research and development lab (R&DLab) visit. They were taken to the mills section where they were shown various types of mills, such as impact mill, jet mill and pilot mill, for segregation of the samples obtained for research and analysis. The group of students were then taken to the floor designated for the showcase of different types of pavers that they manufacture. The type of pavers includes **I-paver, rectangular paver, Uni paver** etc. This section also has various drain covers and cover blocks that are also manufactured by the firm.

The staff then took the group of students to the Chemistry lab and Physical lab where the research work is done by the Research and Development team of the ALCOLAB. They were given a brief insight about how the given sample is first tested for various physical and chemical properties determination and also, how the finished product is tested.

The next stage was the visit to the pavers manufacturing plant. Here, the students were shown the plant and its various sections that manufacture various products that were demonstrated earlier such as the pavers, cover blocks etc. They were also taken to the aggregate yard where the raw material of sample is graded as per various requirements of the plant. This was the section where raw materials are stored.

The next stage was the visit to the yard that stores the final product. Here, the pavers are classified as **A, B and C** grade product. 'A' grade pavers are the perfect products without any defects and cracks. 'B' grade pavers possess minor defects and cracks and are sold at less price. 'C' grade pavers possess major cracks and so they are crushed and reused by the same plant again. The students were then taken to conference room and were shown presentation about the Alcon products. Here, the company demonstrated various areas in which it is active. It was then followed by the presentation on various **ALCOFINE** products manufactured by the firm and its various uses. The presentation also included the methodology for developing and introducing a new product in the market.

The site visit was very useful and students got to know about the research and development facility at the ALCOLAB. It also made them understand the different manufacturing techniques involved in the production of various products and how are they useful in solving different problems encountered during construction.

A few snapshots of the visit are as follows:



