



G H Patel College of Engineering & Technology, V. V Nagar



## Department of Civil Engineering

### Report on

### Visit to “Kerakoll India Pvt. Ltd. The Green Building Company”

Department of Civil Engineering, GCET has organized one day (22/09/17) industrial visit to “Kerakoll India Pvt. Ltd., Savli, Vadodara”. A visit was organized under the IGBC student chapter on the occasion of IGBC week celebration. A total of 55 students (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year) along with 2 faculty members Dr. Khadeeja Priyan (Head of the Department) & Prof. Snehal Popli visited the Company.

**About the Visit: Green building** is the practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout a **building's** life-cycle from siting to design, construction, operation, maintenance, renovation and deconstruction. The Green building practice expands and complements the classical Building Design concerns of economy, utility, durability, and comfort. Kerakoll Company is an Italian Company produces, supplies and exports building materials. The company provides materials and services in the chemical sector for building applications. It offers single-component adhesives for ceramics; eco-friendly and green building materials; mineral screeds and blinders for substrate; additives and accessories for substrates. The entire visit was divided in different sessions consisted of Kerakoll Flooring system, Cladding system and Grouting system followed by factory visit. The sessions were conducted by Mr. Kiran Bhatt, Sales Manager, Gujarat Division, Kerakoll India Pvt. Ltd. All the three sessions were very much interactive and enriched us with the basic knowledge that every Civil Engineer should know. The best part of all the sessions was that we were shown the live demonstration of the Kerakoll products and some substitutions to the normally used construction material. The amounts of material taken during the processes were also discussed. The fundamentals of each process, factors affecting each process and care to be taken during the process was discussed in detail. In Factory visit, temp and humidity maintained storage area was shown first. Then manufacturing and packaging of their products were shown. Also they have shown their loading and unloading facilities. After this detailed site visit, we had the last session of Kerakoll Grouting System. They have also shown all the green products.

#### **Aim of Visit:**

The main aim of visit is to observe the manufacturing and packaging process of construction chemical industry. The students learnt about the methods used in various processes of wall cladding, flooring and grouting.