

LUKHDHIRJI ENGINEERING COLLEGE, MORBI

Civil Engineering / Applied Mechanics Department

Dt:13/08/2026

Site Visit Report

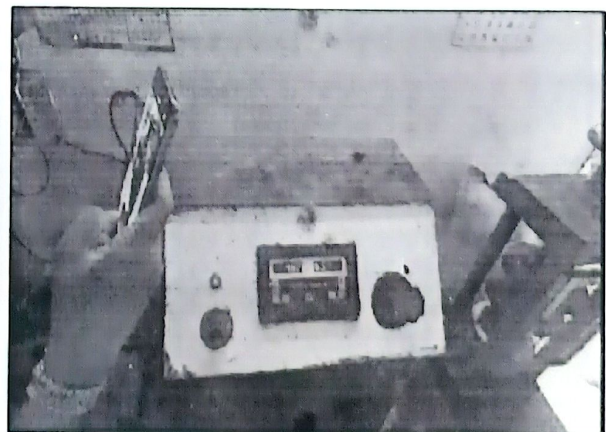
An industrial visit to SAIN MICRONS LLP, Jambudiya (Bhayati), Wankaner, Morbi was successfully organized for 53 students of the Applied Mechanics / Civil Engineering Department, Lukhdhirji Engineering College, Morbi, on 13th August 2026. The visit was organized in association with the Bureau of Indian Standards (BIS), Gandhidham Branch Office, with the objective of providing students with practical exposure to cement manufacturing, quality control, laboratory testing, and the role of Indian Standards in ensuring cement quality. During the visit, the owner and technical personnel of SAIN MICRONS LLP, along with the officials from BIS, Gandhidham, guided the students and explained various stages of cement production and quality assurance.

The students were introduced to the cement manufacturing process, including selection and handling of raw materials, proportioning, processing, grinding, blending, cement production, storage, packing, and dispatch. The technical personnel also explained the functioning of major plant equipment and the importance of process control for maintaining consistent cement quality.

Special emphasis was given to the quality-control laboratory and testing of cement. Students were introduced to various physical tests such as fineness, standard consistency, initial and final setting time, soundness, and compressive strength. They were also briefed about chemical testing and chemical composition requirements for assessing the quality and conformity of cement. The BIS officials from Gandhidham explained the significance of BIS certification, ISI marking, applicable Indian Standards, product conformity, testing requirements, inspection, and quality-control practices. The interaction with BIS officials and industry personnel helped students understand the importance of standardization and certification in the cement industry.

Overall, the industrial visit was highly informative and beneficial, enabling students to correlate theoretical knowledge of cement technology, material testing, and quality control with actual industrial practices. The visit enhanced their understanding of cement manufacturing, physical and chemical testing, BIS standards, and quality-assurance practices followed in the cement industry.

Glimpse of Site Visit





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