

Date: 13th October, 2022

12:00 P.M. to 04:00 P.M.

Industrial Visit Civil—3rd Sem.

Objective of Visit:

- The purpose of this visit was to gain practical knowledge and understanding of the production of hot mix asphalt, the equipment used in the process, and the quality control measures taken in the plant



Faculty in-Charge

Prof. Hiren V Patel
Prof. Dixit Thakor
(Civil-Department)

Site Detail

Address:

Industrial Building Site
Sinhi – Dabhi Road ,
Near SRPEC,
Dabhi -Unjha

Visit at Asphalt Hot mix Plant

On 13th October, 2022, 32 Civil engineering students from Smt.S.R.Patel Engineering college visited a bitumen hotmix plant for an industrial visit. The purpose of this visit was to gain practical knowledge and understanding of the production of hot mix asphalt, the equipment used in the process, and the quality control measures taken in the plant.

Plant Overview:

The plant was located near Unjha, where the students observed the production process of hot mix asphalt. The plant had various components like bitumen storage tanks, aggregate storage bins, and a mixing drum, where the raw materials were mixed to produce the final product.

Production Process:

The students were given a detailed explanation of the production process, from the storage of raw materials to the delivery of hot mix asphalt. The Deputy Engineer Mr.R.D.Patel and Assistant Engineer Mr.Savan Patel (R&B Department) explained how the aggregates and bitumen were stored in separate bins, and then fed into the mixing drum to produce the final product. The students also observed the quality control measures taken by the plant,

such as regular testing of the raw materials and the final product to ensure compliance with the standards.

Conclusion:

The industrial visit to the bitumen hotmix plant was a valuable experience for the engineering students. They gained practical knowledge and understanding of the production of hot mix asphalt, the equipment used in the process, and the quality control measures taken in the plant. The visit helped the students to understand the importance of precision, skill, and safety in the production process. Overall, it was an enriching experience for the students, and they expressed their gratitude to the workers and plant manager for providing them with the opportunity to visit the plant.

