



Guru Gobind Singh College of Engineering & Research Centre, Nashik
Academic Year [2023-24]

Industrial Visit At Bituminous Hot Mix Plant



Date: 27th October, 2023

Venue: B.P.Sangale Hot Mix Plant Sinnar

Event Schedule:

| Date | Time | Description |
|-------------|---------------------|-------------|
| 27 Oct 2023 | 09:30 AM - 05:30 PM | |

Dear All,

Objectives:-

1.Understanding Production Process: Gain insights into the process of manufacturing bituminous hot mix, including the steps involved from raw material preparation to final product output.

2.Quality Control Awareness: Learn about the quality control measures employed in bituminous hot mix plant operations, focusing on how quality is ensured at each stage of production.

3.Environmental Impact and Sustainability: Explore the environmental impact of bituminous hot mix production and understand the industry's efforts towards sustainability and eco-friendly practices.

Outcomes:-

1.Enhanced Technical Knowledge: Participants will acquire a deeper understanding of the bituminous hot mix production process, which can be applied to academic studies and future career pursuits in civil engineering or related fields.

2.Improved Quality Assurance Skills: Participants will be equipped with knowledge on quality control methods used in the industry, enabling them to appreciate the importance of quality standards in construction materials.

3.Awareness of Sustainable Practices: Participants will gain awareness of environmental concerns associated with bituminous hot mix production and explore sustainable practices adopted by the industry, potentially influencing their approach towards environmentally conscious engineering solutions.

PO's :- PO1,3,5,7,9,11,12 PSO:- 1,2,3

Expert Details:-

1. Mr. Ratan Pawar (Plant In-Charge)
2. Mr. Saurabh Nawale (Plant Technician)

Targeted Audience:- BE Civil Students.

No of Students Attained:- 60 No's.

Summary:-

As A Part of Curriculum an Industrial Visit Has Been Organized for Final Year Civil Engineering Students at B. P. Sangale Bituminous Hot Mix Plant to understand how bitumen use in road construction, its various application, properties & parameters. The plant is operational for 24 hrs to meet the construction activities with various government departments like MIDC,

CIDCO,PWD etc of Maharashtra and various Municipal councils and Municipal corporations ,engaged with various construction activities which includes construction of roads.

