

REPORT ON EDUCATIONAL VISIT

TITLE : “ Visit To Hot Mix Plant ”

NUMBER OF DAY : 1 day

DATE OF VISIT : 16/10/2024

LOCATION: Hot Mix Plant, Sinnar.

NUMBER OF STUDENTS: 30

PURPOSE OF VISIT: To provide hands-on experience and practical exposure to hot mix asphalt (HMA) production processes, enabling students to correlate theoretical knowledge with industrial applications.

DESCRIPTION / EXPLANATION OF THE VISIT:

The Department of Civil Engineering of Sanghavi Engineering College organized educational visit to Hot Mix Plant, Sinnar on 16th Oct. 2024 for B.E. Civil Engineering students to study different aspects of Hot Mix Plant. Visit was organized as per SPPU guidelines and recommendations regarding syllabus of B.E Civil Engineering.

Visit was organized with the prior permission of honorable Director of SCOE Dr. P. A. Zavar & by the initiative and guidance of head of Civil Engineering department Prof. Mr. T .H. Boraste. Students of B.E Civil takes hard efforts and initiative under the guidance of Prof.Ms. S. S. Nayak, which makes this visit a grand success.

Students left the SCOE Campus for visit on 16th October 2024 at 11.00 am. Students carefully studied and observed the different Parts of Hot Mix plant & Batch Mix Plant. Mr. Sachin Nawale (Plant In charge) at BP Sangle Construction Pvt. Ltd. gave the introduction about hot mix plant working procedure, basically it involves precise batching, drying, heating, mixing and loading processes to produce high-quality HMA for infrastructure projects.

OUT COMES OF THE VISIT:

The visit to the hot mix plant yielded valuable outcomes for the civil engineering students. Primarily, it bridged the gap between theoretical knowledge and practical application, providing hands-on experience with hot mix asphalt production processes. Students gained comprehensive insights into plant operations, including aggregate storage, asphalt cement heating and drum mixer/pugmill mixer functions.

The visit enhanced students' understanding of safety protocols, quality control procedures and environmental considerations. Interacting with industry professionals broadened their perspectives, fostering appreciation for infrastructure development and construction materials. Students developed critical thinking and problem-solving skills, correlating theoretical concepts with industrial applications.

MAIN STRUCTURE



CONCLUSION:-

The site visit to hot mix plant gives us the clear idea about the process of this plant. We learn about the types of hot mix plant such as batch mix plant & drum mix plant. We also learn about binder and filler material used in hot mix plant.

PHOTOGRAPHS:



Prof. S. S. Nayak
Visit Co-ordinator

Prof. T. H. Boraste
HOD

Prof. Dr. B.S. Shirole
Principal