



# SCSVMV

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**DEPARTMENT OF CIVIL AND STRUCTURAL  
ENGINEERING**

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# **INDUSTRIAL VISIT REPORT**



**FEBRUARY 23, 2024**

**TEEMAGE PRECAST PLANT  
DAMAL, KANCHIPURAM**



# **DEPARTMENT OF CIVIL AND STRUCTURAL ENGINEERING**

## **INDUSTRIAL VISIT REPORT-TEEMAGE PLANT, DAMAL**

**DATE: 23.02.2024**

An industrial visit to the Teemage plant, Damal, Kanchipuram was made by 4 students and 12 faculties from the Department of Civil and Structural Engineering, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Kanchipuram on 23 February, 2024. The visit was initiated by Mr.M.Dinesh, Assistant Professor (S-II).

### **Introduction about the plant**

The plant is about 14.8km from Kanchipuram and located in Kanchipuram District. It was started in the year of 2011 and using cutting- edge technologies in the precast concrete construction. In the precast Industry they are providing end-to-end solutions (Design to Delivery). They ae having plants at four places such as Kangeyam, Kanchipuram, Thoothukudi, Narketpally, Telangana and head office at Tirupur.

In Kanchipuram, the plant was located over 20 Acres of land with a 1 Lakh sq.ft. factory Shed with 200 cubic metre production capacity per day. Teemage precast concrete elements are used in various residential and non-residential sectors. Their precast sector has been growing in accordance with the advancing degree of urbanization, industrialization, and infrastructural developments.

### **Plant Visit**

The students and the staff from the department of Civil and Structural Engineering started by 10.10 a.m. from campus and reached the plant by 10.40 a.m.

A warm reception was given to the students and faculties by the Plant manager Mr.Deva Senthuran at the Plant office. A high tea was provided by them and he explained briefly about their plant and the manufacturing process. He instructed his plant supervisors to do the safety measures. Both students and faculties were provided with a helmet and started the technical visit. We divided into three groups and each group was assigned with one assistant to explain the process carried out in the plant.

They explained about the pre casting of columns, roof slabs, wall panels and hollow core slabs. They shown both the pre tensioning and post tensioning process and the model building which was fully constructed with precast structures. Automatic bar bending with different sizes and shapes were demonstrated.

We also made the discussion regarding placement and thanked the manager and the team members accompanied with us. We completed our visit and started from the plant by 1.15 p.m. and reached the University by 1.45 p.m.

The site visit was very informative and the students got the feel and knowledge about the different processes required to Manufacture precast elements for construction purposes.



**Teemage Plant**



**Silos**



**Discussion with the site manager and his team members**





**Precast Beam under process**



**Precast Column under process**



**Wall panel**



**Hollow core slabs**



**Hollow core slabs**



**Automated bar bending machine**







**Group photo with Manager and their team**

**The following students and staff members visited the plant on 23<sup>rd</sup> Feb, 2024.**

List of Students

<b>Sl.No</b>	<b>Register Number</b>	<b>Name of the Student</b>	<b>Year/ Sem</b>
1.	11209K001	Balagam Devi Sri Sharan	IV/VIII
2.	11209K003	K.Srilekha	IV/VIII
3.	11209K004	S.Prabhakaran	IV/VIII
4.	11219K001	Mulumidi Vinayaka Venkata Varun	III/VI

List of Staff Members

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Signature of the Faculty</b>
1.	Dr. R.Sumathi	Assistant Professor-II/ HOD i/c
2.	Dr.G.Kesavan	Assistant Professor-III
3.	Mr.K.Vasu	Assistant Professor-III
4.	Dr. M.SureshKumar	Assistant Professor-II
5.	Mr.V.John Sundarraj	Assistant Professor-II
6.	Mr. M.Dinesh	Assistant Professor-II
7.	Mr.M.Vimalanathan	Assistant Professor-I
8.	Mrs.P.Punitha	Assistant Professor-I
9.	Mr. R.Raveendiran	Sr. Lab Instructor
10.	Mr.D.Elangovan	Lab Instructor
11.	Mr.J.Jaisankar	Lab Instructor
12.	Mr.S.Madhanagopal	Lab Instructor