

**MET's Bhujbal Knowledge City
Institute of Engineering
Department of Electrical Engineering**

Report of “Industrial Visit at Sivananda Electronics Deolali, Nashik”

Class: T.E.

Academic Year: 2023-24

SEM: I

The Industrial visit is organized for Third Year Electrical Engineering students at **Sivananda Electronics Deolali, Nashik** on date 06/10/2023. The students got to know about power electronics components, power electronics kits and its manufacturing.

Photos:







*****End of Report*****

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Department of Electrical Engineering**

**Report of “Industrial Visit at “SaiCab Wires and Cables,MIDC
Ambad,Nashik”.**

Class: S.E.

Academic Year: 2023-24

SEM: I

The Industrial visit is organized for Subject of Material Science to the Second Year Electrical Engineering students at **SaiCab Wires and Cables, MIDC Ambad,Nashik** on date 03/11/2023. The students are able to know about Electric Cables, Insulating material and its different types.

Photos:





*****End of Report*****

**MET's Bhujbal Knowledge City
Institute of Engineering
Department of Electrical Engineering**

Report of "Industrial Visit at Sterling Motors Assembly, Nashik"

Class: B.E.

Academic Year: 2023-24

SEM: I

The Industrial visit is organized for Final Year Electrical Engineering students at **Sterling Motors Assembly, Nashik** on date 11/10/2023. The student able to know about application of Control system in electric and hybrid vehicle, different parameters of control system used for motor control.

Photos:





*****End of Report*****

**MET's Bhujbal Knowledge City
Institute of Engineering
Department of Electrical Engineering**

**Report of "Industrial Visit at Sterling Motors Charging Station,
Nashik"**

Class: B.E.

Academic Year: 2023-24

SEM: I

The Industrial visit is organized for Final Year Electrical Engineering students at **Sterling Motors Charging Station, Nashik** on date 11/10/2023. The student able to know about Electric and hybrid vehicles motors, its different parts, maintenance and manufacturing.

Photos:





*****End of Report*****

**MET's Bhujbal Knowledge City,
Institute of Engineering, Nasik
Department of Electrical Engineering
Industrial Visit Report**

Department of Electrical Engineering organized Industrial Visit of Third year students at 132 kv Takali Substation, Nashik on 26/10/2023. Students studied the technically advanced applications in the form of industrial & practical aspects which are helping to them correlate with theoretical knowledge. The practical implementation exposure is experienced by TE Electrical Engineering students which have added the knowledge and different dimension of thinking in line of technology.

Industrial Visit: 132 kv Takali Substation, Nashik

Department: Electrical Engineering

Date: 26/10/2023

Year : Third year Electrical Engineering

Number of students: 40

Prof.Rahul Nikam

Prof. Netake Abhilash

Faculties:

List of students and faculties is annexed.

The details of Industrial Visit are as follows:

Electrical Engineering Department has arranged an Industrial Visit of Third year Electrical Engineering students for the subject of Electrical Installation, Design and Condition Based Maintenance to 132 kv Takali Substation, Nashik on 26/10/2023.

This 132 kv Takali Substation, Nashik considered incoming power at 132 KV and the power was transferred to main bus through isolator-circuit breaker-isolator combination. The power from main bus was fed into a 20MVA transformer which stepped the voltage down to 33KV. The power is then fed into a 33KV bus from which different loads were tapped. In the process, the surge impedance loading of 132 KV and 33 KV lines were calculated and they were used to estimate the maximum power that can be transferred by one transmission line. Those practical aspects helping TE Students to understand the basic concepts, design and estimation of distribution systems & substation, to enable candidate to design earthing system for residential and industrial premises, to understand practical aspects of condition monitoring and maintenance of various electrical equipment, to learn testing methods of various electrical equipment etc.

Photograph Of Industrial Visit:



Nashik, Maharashtra, India
XRX4+C78, Godavari MIDC, Dwarka, Nashik, Maharashtra 422011, India
Lat 19.998305°
Long 73.805531°
26/10/23 01:50 PM GMT +05:30



Nashik, Maharashtra, India
XRX4+H64, Godavari MIDC, Dwarka, Nashik, Maharashtra 422011, India
Lat 19.998792°
Long 73.80548°
26/10/23 01:39 PM GMT +05:30



 **GPS Map Camera**

Nashik, Maharashtra, India
XRX4+C4J, Godavari MIDC, Dwarka, Nashik, Maharashtra 422011, India
Lat 19.998593°
Long 73.805082°
26/10/23 01:23 PM GMT +05:30

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