





SHRI VILE PARLE KELAVANI MANDAL'S
Institute of Technology, Dhule
Approved by AICTE New Delhi | Affiliated to DBATU, Lonere

Department of Electrical Engineering

Academic Year 2021-22

Industrial visit to Electrical Traction System, Railway Station, Dhule.

Objective	The objectives of this visit are summarized below: <ul style="list-style-type: none">To provide the exposure of electrical traction system utilized in Indian railways to the students of electrical engineering.To understand working and maintenance requirements in traction trains.	
Organizer	Department of Electrical Engineering SVKM's Institute of Technology, Dhule	
Participating Class & Division	Students of all classes from Electrical Engineering, SVKM's IOT, Dhule.	
Date	23.11.2022	
Time	11.00 AM	
Venue	Central Railway Station, Dhule.	
Coordinator/s	Mr. Gaurav Patil, Assistant Professor, Electrical Engineering Department.	
Brief report on activity	<p>The electric traction system is the most efficient of all other traction systems such as steam and internal combustion (IC) engine type systems. It offers several benefits over other systems, including quick start and stop, very efficient, pollution-free, easy to handle and easy speed control. With the advancement of electrical drives for traction systems, this electrification of traction becomes much popular in several traction services including metro or suburban railways.</p> <p>In this context, the electrical engineering department of SVKM's Institute of Technology, Dhule had organized one-day educational visit to Central Railway Station, Dhule on 23rd November 2022. This visit was started at 11.00 AM and about 45 undergraduate students and 3 faculty members attended this industrial visit. The station manager has explained in detail the working of traction train and its maintenance requirements. He also detailed the voltage requirements and the automatic controls utilized in the traction trains. Also, the coordination of trains was explained by the station manager. This visit has given a practical knowledge about the traction system to all participants.</p>	
 Mr. Gaurav Patil. Coordinator	 Dr. Vishal Moyal Department Coordinator	Dr. Nilesh Salunke Principal

H.O.D. Electrical Dept.
SVKM's Institute of Technology, Dhule

Attached:-

1. Communication letter
2. Photos of Program
3. Attendance

Communication letter:



Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule

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Dr. N. P. Salunke
(President)
Dr. N. P. Salunke
(Principal)
Ph.D., M.E., LMISTE

Ref. No. : SVKM/IOT/Admin/22-23/021

Date:- 08/09/2022

To,
Station Manager
Dhule

Subject: - Seeking permission for Industrial visit at Dhule station

Respected Sir,

It gives me immense pleasure to introduce SVKM's Institute of Technology, Dhule, which is one of the most reputed Institutions in Maharashtra and known For its excellent record in academics and co-curriculum activities. Our institute offers engineering course in various branches. As a part of the outcomes/competency based curriculum, the students are required to undertake Industrial Visits to a few industries of repute.

We feel it will be fruitful that the students with academic background have a glimpse of the industry in order to have a better appreciation of practical applications of theory.

In the above background, we would like to send a batch of about 35 Second/ Third/ Final year Electrical Engineering Students accompanied by 1 Staff members to visit your esteemed industry preferably on 23/11/2022 or

It is the requested to you to accord necessary permission for the above visit and arrange for guiding the students. We shall be grateful for a favorable response.

Thanking You,

With Warm Regards,

Dr Vishal Moyal
HOD of EE Department

(R) 23/11/22
visit conducted
at Dhule Rly Stn.

23/11/22 Dr. Nilesh P. Salunke
Station Manager, Dhule CRly
Station Manager, धुळे म. र.

Photos of Industrial visit:



System detailing by station manager.



Visit to traction locomotive.

List of Participants:



AY: 2022-2023

Attendance Sheet for Industrial Visit to Central Railway, Dhule.

Date :23rd Nov 2022

S. No.	Name of the Student	Signature
1	Thakur Mohanish Bhikan	[Signature]
2	Bhadane Rohit Kiran	[Signature]
3	Gujar Om Yatin	[Signature]
4	Ajay Suresh Shelkar	[Signature]
5	Bagul Chandrashekhar Gulab	[Signature]
6	Bhamre Sunidhi Subhash	[Signature]
7	Amit Yogesh Wani	[Signature]
8	Patil Yashodip Kashinath	[Signature]
9	Patil Aayush Jagatrao	[Signature]
10	Mistari Prathamesh Nandulal	[Signature]
11	Patil Sunny Supadu	[Signature]
12	Patil Pavan Sanjay	[Signature]
13	Patil Kunal Sanjay	[Signature]
14	Sonawane Jagadish Dipak	[Signature]
15	Patil Surybhan Yashwant	[Signature]
16	Vispute Jagruti Sharad	[Signature]
17	Jadhav Jagruti Dipak	[Signature]
18	Jain Ronak Ashok	[Signature]
19	Magar Arpita Manohar	[Signature]
20	Bhadane Jayesh Sanjay	[Signature]
21	Bhamare Dushyant Rajaram	[Signature]
22	Bhadage Aishwarya Sunil	[Signature]
23	Bhingare Shivam Bhausaheb	[Signature]
24	Gawali Sanjana Shahiram	[Signature]
25	More Chetan Suresh	[Signature]
26	Patil Pooja Bhushan	[Signature]
27	Mali Tushar Balasaheb	[Signature]
28	Patil Harshada Pravin	[Signature]
29	Patil Shreyas Sunil	[Signature]
30	Deore Kanchan Manohar	[Signature]
31	Pawar Amit Ganesh	[Signature]
32	Supnar Rina Santosh	[Signature]
33	Potdar Sachin Sunil	[Signature]
34	Damodar Gautami Anil	[Signature]
35	Sonawane Yogesh Vidyanand	[Signature]
36	Mistari Chetana Suresh	[Signature]
37	Girase Ankit Vijaysing	[Signature]
38	Mahale Apeksha Bhagwan	[Signature]
39	Jagtap Bhushan Suresh	[Signature]
40	Chavan Sarita Tukaram	[Signature]
41	Mahajan Vishal Supadu	[Signature]
42	Chaudhari Tejaswinee Ajay	[Signature]
43	Lonari Pravin Amrut	[Signature]
44	Suryawanshi Ganesh Bhatu	[Signature]
45	Rajput Pranali Pravinsing	[Signature]