



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

Department of Electrical Engineering

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|------------------------------------|------------------------------|
| Industry Name: | EMU VIRAR CARSHED, Virar. |
| Name of the Expert Speaker: | Mr. Rahul G. |
| Designation: | Chief Executive Engineer |
| Organization/Institution: | Viva Institute of Technology |
| Date: | 16/02/2018 |
| Time: | 10:am onwards |

Industry visited Summary/Details: Under the guidance of our Professors Mr. Mukesh Mishra, Mrs. Piyali Mondal, Mr. Rahul Abhyankar, Mr. Sunil Suknale Electrical Engineering Department, Viva Institute of Technology, had organized Industrial visit on 16th Feb 2018 to Western Railways, Virar, Car shed. It was conducted for one day visit.

Many Traction systems have been developed over the period depending on dominant technologies at that time and traffic demand. Traction system for urban, Sub-urban and main line transport developed over the period are at 750V DC, 1500V DC, 25kV AC, 2x25kV and 50kV AC. 750 and 1500 V DC are mainly for urban transport whereas 25kV and 2x25kV for all types of transport. 50kV is exclusively for stand-alone dedicated heavy haul long distance transport.

Finally we leaved the place at 4:30 pm and concluded the visit.

Photos:

