



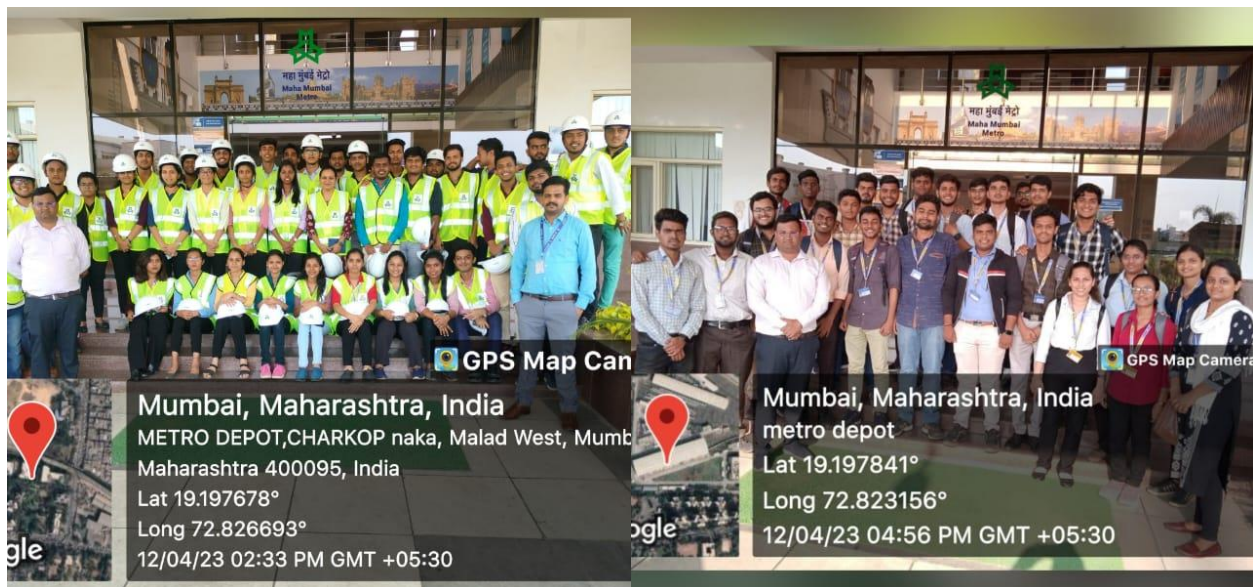
ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

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ISO 2100:2018 ISO 14001:2015 ISO 9001:2015
NAAC Accredited
Department of Electronics and Telecommunication
Academic Year 2022-23(EVEN SEM)

ACE/EXTC/FR/47/2022-23

Date: - 12/04/2023

Report on Academic Industrial visit to METRO DEPOT, Charkop, Malad(W)



Department of EXTC has successfully organized Industrial Visit to METRO DEPOT, Charkop, Malad (W), Mumbai on 12th April 2023 for Second Year and Third Year students. Around 80 students were present of EXTC Dept.

In Metro IV students got the opportunity to learn the safety precautions, OCC overview and Organization chart. IV started with explanations and brief knowledge of chief controller, Traffic Controller, Depot Controller, Operational Scheduler and Point mans. As an EXTC part of EXTC the students gained the new terms used for communications in METRO and normal LOCAL train system.

Below are some points covered during IV

1. Tetra used for Communication
2. Non power Metro pulled shunters



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3. system for power supply
4. Incident Management System
5. CBTC System
6. Elements of IXL
7. DCS antenna for communication
8. Fiber optic transmission system
9. Local Control Panels
10. Telecom system

Outcome of IV:

Students visited different controlling units

1. Operation Control Center (OPC)
2. Depot Control Central (DCC)
3. Power and Rolling stock Center
4. Telecom and signaling system

Below mentioned Faculty co-ordinators were present during the IV

1. Prof. Jyoti Gurav
2. Prof. Meera Kulkarni



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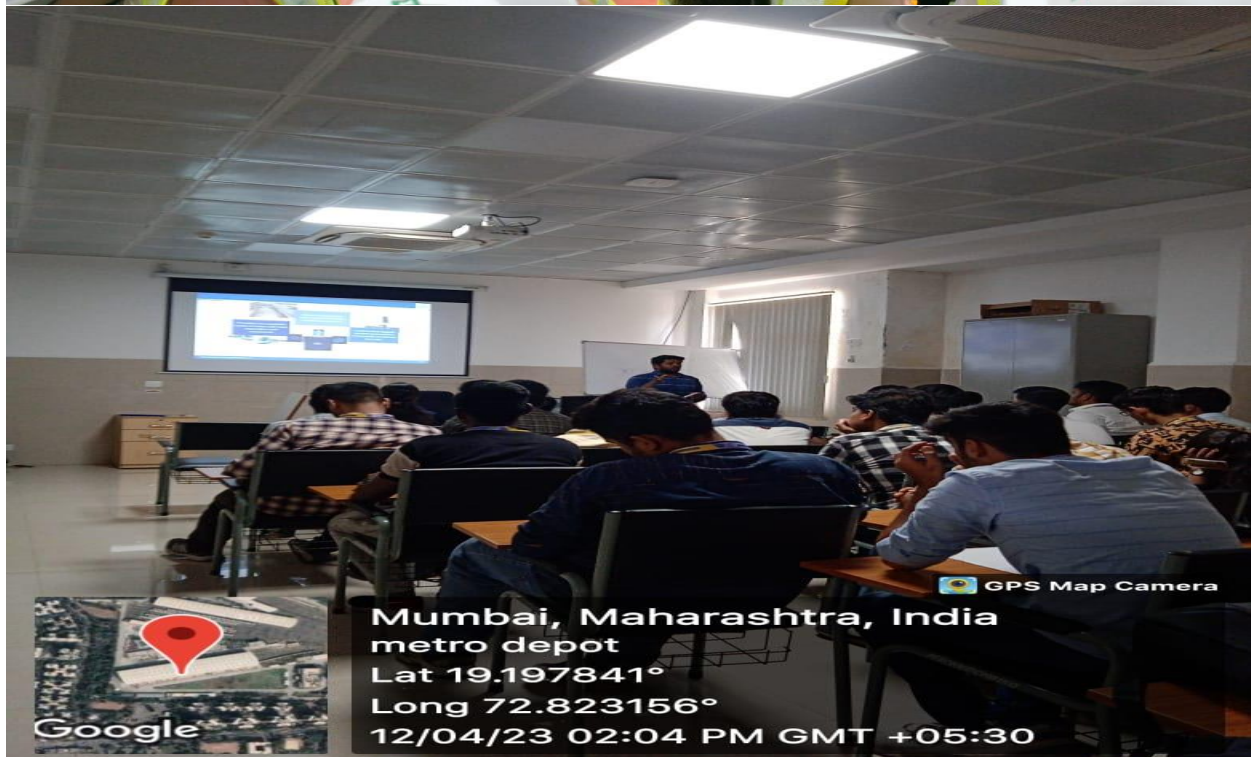
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Some of the pictures taken during industrial visit





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GPS Map Camera

Mumbai, Maharashtra, India

Atharva College of Engineering, CHARKOP naka, Malad West, Mumbai, Maharashtra 400095, India

Lat 19.197678°

Long 72.826693°

12/04/23 10:01 AM GMT +05:30

Google



Prof. Jyoti Gurav
Prof. Mohan Kumar
Industrial Visit Incharge

Dr. Bhavin Shah

HOD EXTC

Dr. Ramesh Kulkarni

PRINCIPAL

