

G.S.Mandal's
Maharashtra Institute of Technology Chhatrapati Sambhajnagar
Department of Civil Engineering
Report on Industrial Visit at Aurangabad Railway Station, Chh. Sambhajnagar
On 20-Aug-2024

Industrial Visit	Aurangabad Railway Station, Chh. Sambhajnagar
Date of visit	20-Aug-2024
Faculty Coordinator	Dr. Prashant Awsarmal Dr. M.R. Vaidya Dr. Rahul Agrawal

Visit schedule is as below:

2:15 pm to 2:45 pm	MIT Gate No.4 to Aurangabad Railway Station
3:00 pm to 5:00 pm	Aurangabad Airport Industrial Visit, Chikalthana
5:00 pm to 5:30 pm	Aurangabad Railway Station to MIT Gate No.4

Group Photo:



The Railway Station Consist of following Components which is visited by us:-

1. Railway Track
2. Platform Truss
3. Platform Columns
4. Foot Over Bridge
5. Sleeper in Maintenance Yard
6. Station Yard

It consists of three main components as listed below:-

- a) Rails:- Rails are made of well finished steel having different types of cross section which direct transfer the loads coming from train to sleeper. It is denoted that Train run on this Rail.

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b) Sleeper:- Sleeper is the second part of Railway track which transform load from Rails to Ballast. It may be made of Wood, Steel or Concrete. At Jetalsar junction sleeper Made of Concrete are used.

c) Ballast:- Ballast is used to transfer load coming from sleepers to sub grade. It is made of coarse aggregate having high strength to transfer the load coming from sleepers.



New building is under construction

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Track sleeper is under construction

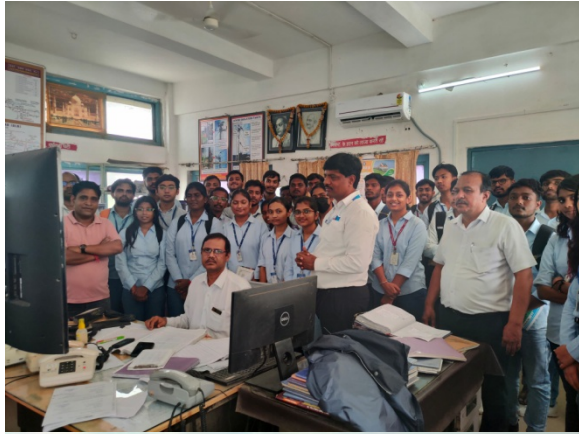
From this visit, we get the information and knowledge about the different Civil Structural Component of Railway Station. We got very clear idea about the importance of different Structural parts and their safety features as well as their Designing Concept



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A.Y. 2024-25 (P-I) DBATU

Date: 16-Aug-24

MIT/CIVIL/2024/772

To,
The Director,
MIT Chhatrapati Sambhajanagar
(Through: HCED)

Subject: Permission to arrange the industrial visit to Railway Station on 20-Aug-2024
Applicant: Final Year Students (DBATU)

Respected Sir,
As per cited subject, DBATU syllabus Infrastructure Engineering, we require the industrial visit to Railway Station on date 20-Aug-2024 (Tuesday) from 2:15 pm to 5:30 pm

Academic during 20-Aug-2024 (Tuesday) is as below:

2:15 pm to 3:15 pm	Infrastructure Engineering Lecture – Dr. P.R. Awsarmal
3:30 pm to 4:30 pm	LACE lecture - Dr. M.R. Vaidya
4:30 pm to 5:30 pm	Tutorial – Dr. M.R. Vaidya

Visit tentative schedule is as below:

2:15 pm to 2:45 pm	MIT Gate No.4 to Railway Station
3:00 pm to 5:00 pm	Railway Station Industrial Visit
5:00 pm to 5:30 pm	Railway Station to MIT Gate No.4

Academic schedule will not be disturbed.

Visit will help students to learn on construction site of railway station.

Kindly for your permission to proceed ahead,

Phodke
Parth Ghodke (Mob. 9405353136)

Jayesh
Jayesh Bhandari (Mob. 9067279970)

Shayan
Shayan Khan (Mob. 7887373147)

Arvind
Arvind Alurkar (Mob. 8080640410)

Students Coordinator

Requirement: College Transportation Bus facility

Faculty Coordinator – Dr. Prashant Awsarmal, Dr. M.R. Vaidya and Prof. Archana Pathak

HCED
(P.R. AWSARMAL)

Permitted

Shay
16/8/24

1226
Arvind
17/8/24