

**GONDIA EDUCATION SOCIETY'S**  
**MANOHARBHAI PATEL INSTITUTE OF ENGINEERING &**  
**TECHNOLOGY, SHAHAPUR, BHANDARA**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**REPORT ON INDUSTRIAL VISIT**

**Name of Staff Coordinators:** Prof. Ajay Motiwal , Prof. Shailesh Nagapure

**Name of Industry visited:** Sunflag Iron & Steel Ltd Warthi Bhandara

**No. of. Students in Visit:** 14

**Date of Visit:** 16/03/2024

**INTRODUCTION:** Department of mechanical Engineering has arranged industrial visit in **Sunflag Iron & Steel Ltd Warthi Bhandara** . The visit aimed to provide practical exposure to the students about the latest technologies and processes in steel manufacturing .

**COMPANY OVERVIEW:** **Sunflag steel** was incorporated as a Public Ltd Company in the year 1984. Started as a Spring Steel producer, the company has been continuously upgrading its Manufacturing and Quality Assurance Facilities.

**Sunflag Iron and Steel Co. Ltd.** is a prestigious unit of the **SUN FLAG GROUP**. The plant is located in the central part of India at Bhandara, Maharashtra & it is 70 kms from Nagpur. The plant has a capacity to produce 500,000 tonnes per annum of high-quality special steel using liquid pig iron and sponge iron as basic inputs.

The main processes at the plant are,

- Iron making (Mini Blast Furnace, Sponge Iron Plant, Sinter plant).
- Steel Making
- Continuous Casting
- Ingot Casting
- Rolling Mills
- Heat Treatments
- Bright Bar Making
- Inspection
- Quality Assurance
- 

**OBSERVATIONS:** During the visit, students observed the company's operations and interacted with professionals who demonstrated use of steel (Sponge Iron + Hot Metal from MBF+ Plant Return Scrap)–Electric Arc Furnace–Ladle Refining Furnaces—Vacuum Degassing –Continuous casting machines –Rolling mills route, backed up by the state-of-the-art technology and computerized process control.

Photos of Industrial Visit



Attendance of Students

MANSOHARIBAI PATEL INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
 BHANDARA  
 DEPARTMENT OF MECHANICAL ENGG.  
 ATTENDANCE OF STUDENTS VISITING SUNIL AG SUTEL, WARDHAI ON 16/03/24

No.	Name of student	Signature
1	ARYAN SHIHIRASI	<i>[Signature]</i>
2	AYUSH DHOSNI	<i>[Signature]</i>
3	DNYANESH DONODI	<i>[Signature]</i>
4	DEAKSHAT THAKARE	<i>[Signature]</i>
5	MANGESH PUNDE	<i>[Signature]</i>
6	NIKHIL ANJANWAR	<i>[Signature]</i>
7	SAHIL PARATE	<i>[Signature]</i>
8	SANKET <del>...</del> SAHAY	<i>[Signature]</i>
9	SUSHIL CHAVAN	<i>[Signature]</i>
10	VADHAV BHOSAR	<i>[Signature]</i>
11	VIVEK VAIDYA	<i>[Signature]</i>
12	ABHAY SHRIKANT RAJHOREJI	<i>[Signature]</i>
13	ASHRAY CHAKANTRAI	<i>[Signature]</i>
14	NIKHIL GANPAT BAWANE	<i>[Signature]</i>
15	SOHIL GAJANAN NINAVE	<i>[Signature]</i>

*[Handwritten initials]*



# TRAINING CENTER



Yahoo Mail - Fwd: To get permission for industrial visit

https://mail.yahoo.com/d/folders/1/messages/83481?guce\_referre...  
https://mail.yahoo.com/d/folders/1/messages/83481?guce\_referre...

Fwd: To get permission for industrial visit

From: SV Patel (svpatel@sunflagsteel.com)

To: motiwal\_ajay@yahoo.com

Cc: srivastavs@sunflagsteel.com; jitendra\_sutar@sunflagsteel.com; umesh\_jatav@sunflagsteel.com;  
jawaharlal\_gupta@sunflagsteel.com; timeoffice@sunflagsteel.com; telephoneexchange@sunflagsteel.com

Date: Saturday, March 9, 2024 at 11:42 AM GMT+5:30

Sir,

You may plan an industrial visit of students (20 nos + max 1 faculties) on 16.03.2024 (Saturday).  
Hope they are coming on the bus. please confirm.  
Kindly advise students to go through the Sunflag Website ([www.sunflagsteel.com](http://www.sunflagsteel.com)) before visiting.  
Kindly produce a list of students while reporting at Sunflag's Security Gate for entry purposes.

Regards

**Samir V. Patel**

Manager (HRM)



Sunflag Steel  
30 2102/11 D, VPO  
Growth by 7th World

Sunflag Iron & Steel Co. Ltd.

Warthi (P.O.), Bhandara Road,

Maharashtra – 441905.

Tel No : +91 7184-285551-55, Ext. No.391

E-mail : svpatel@sunflagsteel.com

Web Site: <http://www.sunflagsteel.com>

----- Forwarded message -----

From: **ajay motiwal** <motiwal\_ajay@yahoo.com>

Date: Mon, Jan 8, 2024 at 2:34 PM

Subject: To get permission for industrial visit

To: prashant\_tighare@sunflagsteel.com <prashant\_tighare@sunflagsteel.com>

To,  
The HR. Manager,  
Training & Development  
sunflag Steel co.ltd.  
Bhandara

R/ Sir,

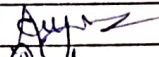

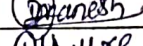
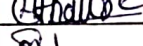



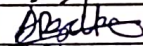
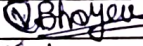


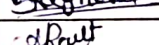
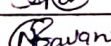
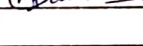
We feel pleasure in introducing ourselves as Manoharabhai Patel Institute of Engg. & Technology  
Shahapur, Bhandara, an Engineering Institute in Maharashtra To cope up industrial development & technological  
changes, a symbiotic interaction between Institute & Industry is a must.

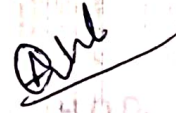
In this regard, I request you to to accord permission to our 6th & 8th sem. Mechanical Engg students  
visit in your company.

AM

3/12/2024 10:42 AM

MANOHARBHAI PATEL INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
BHANDARA  
DEPARTMENT OF MECHANICAL ENGG.  
ATTENDANCE OF STUDENTS VISITING SUNFLAG STEEL WARTHI ON 16/3/24

No.	Name of student	Signature
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2	AYUSH DHOMNE	
3	DNYANESH DONODE	
4	HARSHAL THAKARE	
5	MANGESH PUNDE	
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H.O.D.  
Dept. of Mech. Engg  
M.E.M. Bhandapur  
Bhandara.