



SHAHAJIRAO PATIL VIKAS PRATISHTHAN
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

DEPARTMENT OF ELECTRICAL ENGINEERING

ACA – R - 63	Industrial Visit Report	Academic Year: 2024-25
Rev : 00		Semester: I
Date: 01.07.2014		

Ref: SPVP/SBPCOE/ELECT/2024-25 /F-16/04

Date: 06/10/2024

To,
The Principal,
SBPCOE, Indapur

Through: The HOD of Electrical Engg. Dept

Subject: Submission of the Report of Industrial Visit

Respected Sir,

With above reference, we have successfully conducted the industrial visit for the students of TE and BE on 04/10/2024. The details are given below. The detailed report (Documents, photographs and certificates etc.) is enclosed herewith.

➤ **Expected Outcomes**

- To understand the various types and construction of switchgear.
- To understand the various operation of switchgear and protection.
- To understand the various materials used for switchgear.

➤ **Aim of Industrial visit**

- It's lets student to know things practically through interaction & working method.
- To provide an exposure to student about practical working environment.
- To get a good opportunity to get full awareness about industrial practise.
- To raise the awareness about new technologies.
- After visiting an industry student can gain a combined knowledge about both theory and practical.
- Students will be more concerned about earning a job after an Industrial Visit.

No. of Students: 50

Faculty Coordinator and Members: 1. Prof. G.R.Padule

2. Prof. K.S.Tamboli

3. Prof.R.R.Bairag

Sr. No.	Date	Industry / Place visited	Important details of visit
1	04/10/2024	L&T Switchgear Pvt.Ltd. Bhosari,Pune .	Seen Working, Operation and constructional details of Switchgear and protection.



04th October, 2024

As per the decided date all the **TE and BE** students and the faculty were gathered in the college, attendance of all students was taken by the HOD of electrical department Prof. T. V. Deokar. Then, we visited the L&T Bhosari, Tal-Pimpri-Chinchwad, Dist-Pune.

L&T was founded in 1938 by Danish engineers Henning Holck-Larsen and Soren Kristian Toubro. It started as a small electrical engineering firm in Mumbai and has since expanded to become one of India's largest conglomerates. L&T was an international manufacturer of electrical and electronic products and systems. The company manufactured custom-engineered switchboards for industrial sectors like power, refineries, petrochemicals and cement. In the electronic segment, L&T offered a range of metres and provides control automation systems for industries. In May 2018, the firm signed a definitive agreement with Schneider Electric for the strategic divestment of its electrical and automation (E&A) business in an all-cash deal of ₹14,000 crore. The deal was completed on 31 August 2020 after receiving the requisite regulatory approvals. L&T has said that its exit from the electrical and automation business is a part of its strategic portfolio review process. L&T Bhosari refers to a manufacturing facility operated by **Larsen & Toubro Limited (L&T)**, one of India's largest and most reputed multinational conglomerates. The company operates across various sectors, including engineering, construction, manufacturing, technology, and financial services. The Bhosari facility is primarily known for being a part of L&T's industrial manufacturing and engineering divisions.

Key Details about L&T Bhosari:

- **Location:** Bhosari, a part of the Pimpri-Chinchwad municipal area in Pune, Maharashtra. This industrial hub is strategically located in the western part of India, known for its robust manufacturing ecosystem.
- **Core Functions:** The Bhosari plant is involved in the design, manufacturing, and supply of several critical components, primarily serving L&T's engineering, construction, and infrastructure business needs. It manufactures a wide range of mechanical and electrical products.
- **Sectors Served:** The Bhosari facility typically serves sectors like:
 - **Infrastructure & Construction:** Manufacturing components for bridges, highways, airports, and urban infrastructure projects.
 - **Heavy Engineering:** Fabrication of equipment and machinery for industrial applications.
 - **Defense & Aerospace:** Producing parts for defense applications, including artillery and vehicles.
 - **Automotive & Industrial:** Production of parts and components for the automotive industry.
- **Product Offerings:** The plant manufactures critical components like:



- Mechanical components
- Electrical equipment
- Control panels
- Automotive and industrial products
- **Technology & Innovation:** L&T Bhosari is part of L&T's larger focus on leveraging advanced technologies like automation, robotics, and precision engineering in their manufacturing processes.
- **Sustainability and Quality:** Like other L&T facilities, the Bhosari plant focuses on sustainable manufacturing practices and maintaining high standards of quality in line with L&T's overall commitment to excellence.

L&T Overview:

Larsen & Toubro is an Indian multinational conglomerate with interests in various sectors, such as:

- **Engineering & Construction**
- **Technology**
- **Manufacturing**
- **Financial Services**

Founded in 1938, L&T has expanded significantly, both in India and internationally, and is now one of the largest and most successful companies in India, with a strong presence in over 30 countries.

L&T is known for executing large-scale, complex projects, including infrastructure development (roads, bridges, airports), power plants, defense contracts, and more.

Thanking You.

Yours faithfully,

Prof. Tamboli K.S.
Industrial Visit Coordinator
Electrical Engg. Dept.



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Prof. K. S. Tamboli
Visit Coordinator

Prof. T. V. Deokar
HOD

Dr. S. T. Shirkande
Principal