

## **Event ReportEvent**

**Name:** Plumbing and Sanitary Work Workshop

**Date of the Event:** 6 November 2023 to 10 November 2023

**Duration of theEvent:**5 days

**Venue:**Sandip University Campus

**NameoftheEventCoordinator:**Prof. OnkarYadav and Md. FaiyazAlam

### **Objective of the Program:**

The Plumbing and Sanitary Work Workshop organized at Sandip University from November 6 to November 10, 2023, provided participants with a comprehensive understanding of various aspects related to plumbing and sanitary systems. The event was meticulously coordinated by Prof. OnkarYadav and Md. FaiyazAlam, ensuring a balance between theoretical knowledge and practical skills

#### **1. Introduction to Plumbing and Sanitary Work:**

- Understanding the basics of plumbing and sanitary systems.
- Importance of proper plumbing in construction projects.
- Overview of various components involved in plumbing.

#### **2. Design and Construction of Sanitary Pipes:**

- Detailed insights into the design principles of sanitary pipes.
- Techniques for constructing effective and durable sanitary pipelines.
- Discussion on materials and their suitability for different environments.

#### **3. Sewage Drainage Fitting:**

- Comprehensive exploration of sewage drainage systems.
- Installation and maintenance of sewage fittings.
- Considerations for efficient sewage management.

#### **4. Types of Fixtures in Pipes:**

- Identification and understanding of various fixtures used in plumbing.
- Functionality and application of different fixtures.
- Troubleshooting and repair of fixtures.

## **5. Layout of Pipe Network:**

- Planning and designing the layout of pipe networks in buildings.
- Considerations for optimal water and sewage flow.
- Practical aspects of implementing an efficient pipe network.

### **About the Event:**

- The workshop commenced with a theory class delivered by Prof. Amrendra Kumar on the first day. Prof. Amrendra Kumar used an interactive PowerPoint presentation to convey the theoretical foundations of plumbing and sanitary work. The participants gained insights into the conceptual framework, key principles, and industry best practices.
- In the subsequent days, the focus shifted to practical knowledge in the field. Participants had the opportunity to apply the theoretical concepts learned earlier. Under the guidance of experienced instructors, including Prof. OnkarYadav and Md. FaiyazAlam, participants engaged in hands-on activities, gaining valuable experience in real-world scenarios.
- The practical sessions covered aspects such as pipe installations, sewage fittings, and troubleshooting common issues. Participants had the chance to work with actual plumbing materials and tools, enhancing their skills and confidence in the application of plumbing and sanitary work principles.



**SANDIP**  
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## ONE-WEEK WORKSHOP ON Plumbing and Sanitary Works

Date

06<sup>th</sup> Nov 2023 to 10<sup>th</sup> Nov 2023

### DEPARTMENT OF CIVIL ENGINEERING

Venue: Construction Site, Sandip University Campus

Co-ordinator

**Prof. Onkar Yadav  
& Md. Faiyaz Alam**

#### Key features of the workshop:

1. Introduction to Plumbing and Sanitary Work
2. Design and Construction of Sanitary Pipes
3. Sewage Drainage Fitting
4. Types of Fixtures in Pipes
5. Layout of Pipe Networks



**Shri Nityanand Jha**  
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**Dr. Samir Kr. Verma**  
Vice Chancellor  
Sandip University



**Dr. B N Tripathi**  
Dean Academics  
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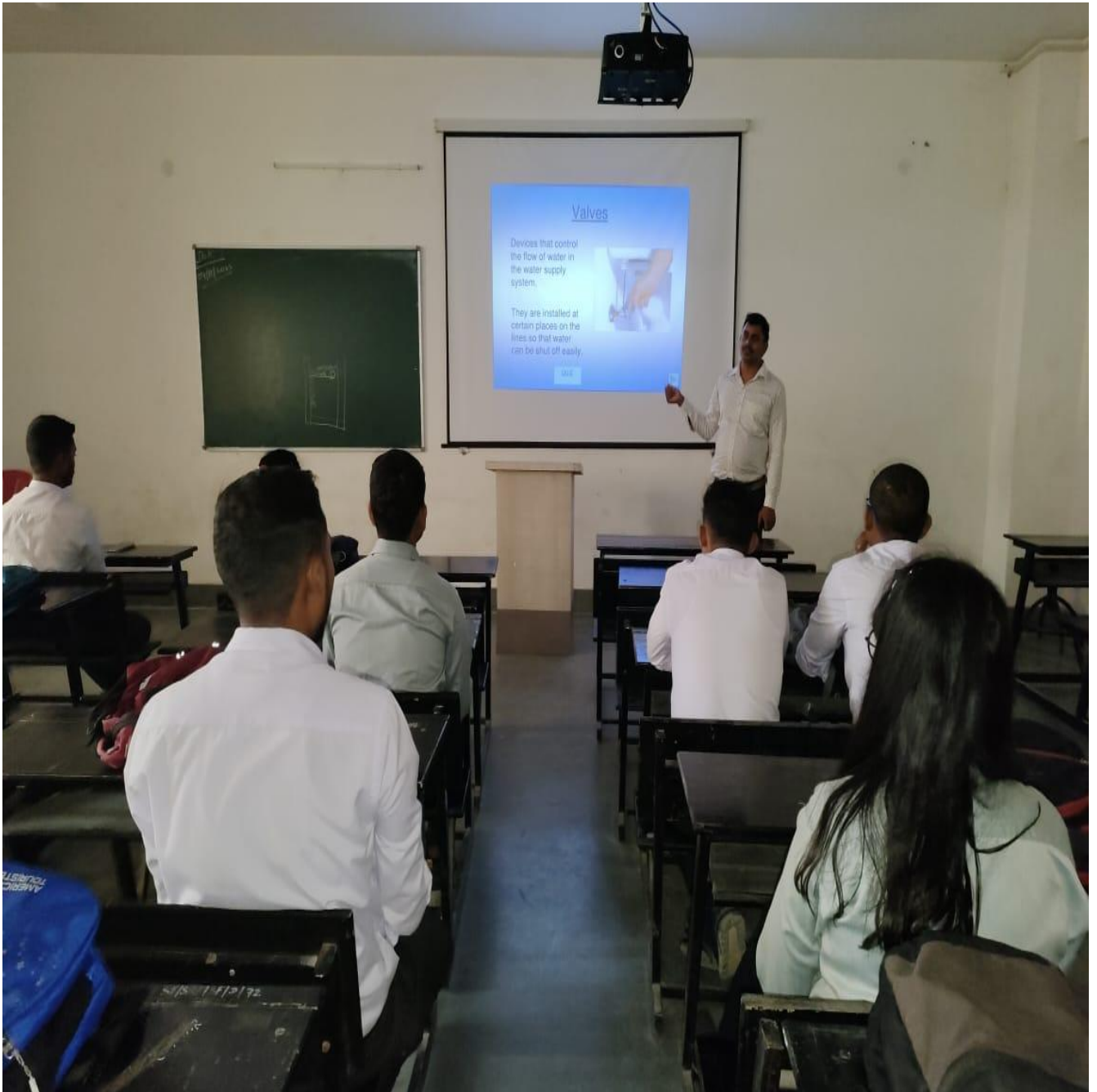
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 GPS Map Camera

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Lat 26.351061°  
Long 86.243898°  
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### **Conclusion:**

The Plumbing and Sanitary Work Workshop at Sandip University proved to be a valuable learning experience for all participants. The combination of theoretical knowledge and practical application provided a well-rounded understanding of the subject. Prof. OnkarYadav and Md. FaiyazAlam's meticulous organization and coordination contributed to the success of the event, ensuring that participants left with enhanced skills and a deeper appreciation for the importance of plumbing and sanitary systems in construction projects.

Prepared by:

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Date: 10<sup>th</sup> November 2023