

Event Report

Event Name: ONE WEEK WORKSHOP ON TOTAL STATION SURVEYING AND MAPPING

Date of the Event: 9TH OCTOBER to 15th OCTOBER 2023

Duration of the Event: 2hr

Venue: SANDIP UNIVERSITY CAMPUS

Name of the Event Coordinator: Mr. Keshav Kumar and Dr.Pappu Kumar

Objective of the Program:

The primary objective of the "India's Startup Days" event, organized by Mr. Keshav Kumar from October 9th to October 15th, 2023, at Sandip University Campus, was to provide students with practical knowledge and insights relevant to the field of Civil Engineering. The program aimed to achieve the following objectives:

1. **Equip Students with Total Station Skills (First Two Days):** To educate students on the effective usage of Total Station, a crucial tool in surveying and civil engineering, through detailed lectures and practical demonstrations.
2. **Immerse Students in Field Knowledge (Remaining Days):** To provide students with hands-on experience and field knowledge in various aspects of civil engineering, fostering a deeper understanding of practical applications.

Outline of the Program:

Day 1 - Day 2: Total Station Workshop (October 9th - October 10th)

1. **Inaugural Address (2:00 PM - 2:15 PM):**

The event commenced with an inaugural address by Mr. Keshav Kumar, setting the stage for the Total Station Workshop. He emphasized the importance of Total Station in modern surveying and the potential impact it could have on the students' future careers.

2. **Total Station Lecture and Practical Demonstration (2:15 PM - 3:45 PM):**

Mr. Keshav Kumar delivered an in-depth lecture on the theory and operation of Total Station. This was followed by a practical demonstration, where students had the opportunity to operate and familiarize themselves with the equipment.

3. **Q&A Session (3:45 PM - 4:00 PM):**

A lively question and answer session followed, providing students with the chance to seek clarification and expand their understanding of Total Station applications.

Day 3 - Day 7: Field Knowledge Sessions (October 11th - October 15th)

1. **Hands-on Field Activities (2:00 PM - 3:45 PM):**

Over the course of the next five days, students were actively engaged in a series of hands-on field activities, including surveying, geotechnical testing, and construction site visits. These activities provided practical exposure to various aspects of civil engineering.

2. **Reflection and Feedback (3:45 PM - 4:00 PM):**

Each day concluded with a reflection session, where students had the opportunity to share their experiences and insights gained from the field activities. This feedback loop was instrumental in reinforcing the learning process.



SANDIP
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DEPARTMENT OF
CIVIL ENGINEERING

ONE-WEEK WORKSHOP ON

"TOTAL STATION, SURVEYING AND MAPPING"

Date: 9th October 2023 to 15th October 2023



Shri. Nityanand Jha
Chancellor
Sandip University



Dr. Sandip N. Jha
Chairman
Sandip Foundation



Dr. Samir Kr. Verma
Vice Chancellor
Sandip University



Dr. B N Tripathi
Dean Academics
Sandip University



Prof. Ajay Kumar
HOD-CIVIL
Sandip University

HANDS-ON TRAINING

Co-ordinators

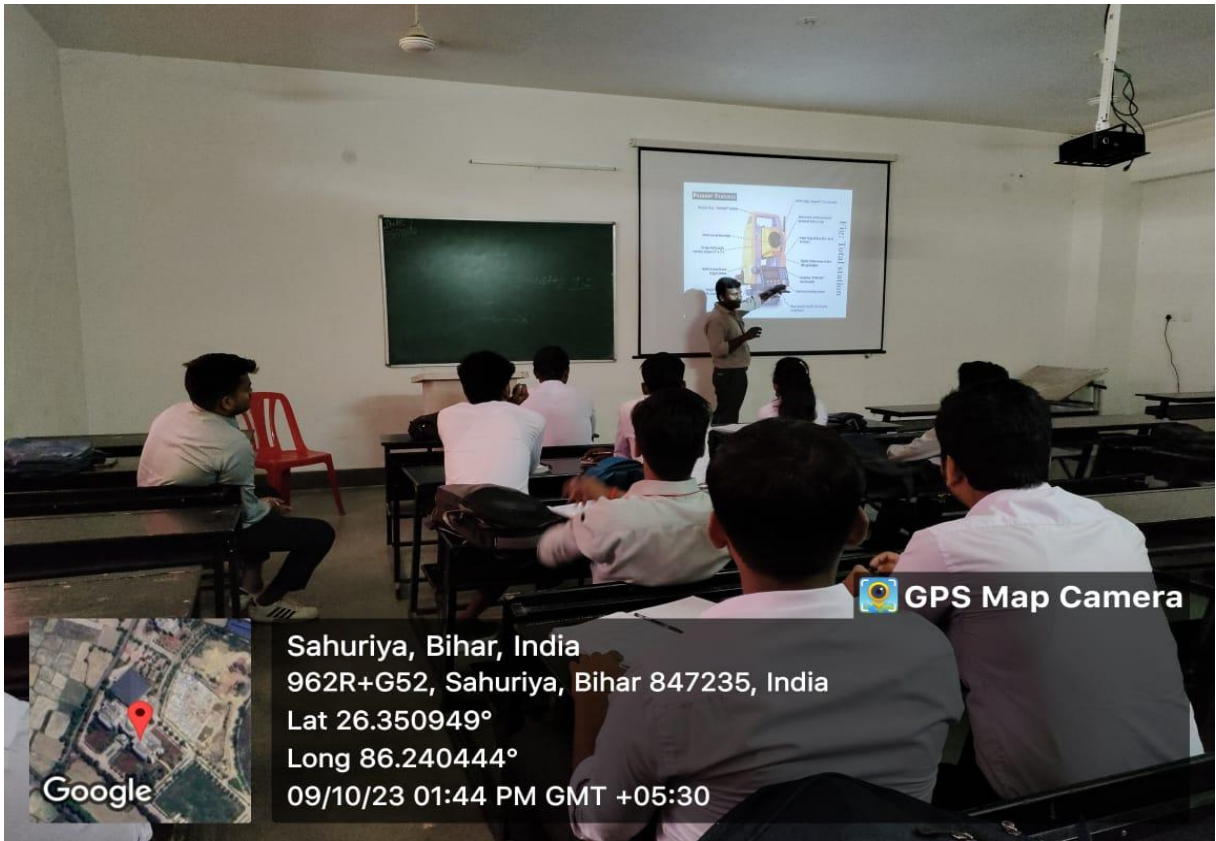
Dr. Pappu Kumar & Mr. Keshav Kumar

Key features of the workshop:

1. Introduction to Total Station Survey
2. Components of Total Station
3. Total Station Setting and Survey
4. Start Using Keyboard and Total Station
5. How Focusing on Prism
6. Drawing and Map Preparation Using Total Station

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11/10/23 03:01 PM GMT +05:30





 GPS Map Camera

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Conclusion

The One-Week Workshop on Total Station Surveying and Mapping, held from October 9th to 15th, 2023, at Sandip University Campus, was a highly successful and enriching experience for all participants. Mr. Keshav Kumar's expert guidance and engaging lectures, combined with hands-on field exercises, provided a comprehensive learning experience. The workshop not only enhanced the practical skills of the students but also bridged the gap between theoretical knowledge and real-world application in the field of surveying and mapping.

Prepared by:

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Sandip University, Sijoul, Madhubani
Date: 16th October 2023