



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

Phone: +91 22 25603889, 25603898, 65330375

Website: www.surtech.edu.in; Email: info@dsec.ac.in

Report of Workshop session on “Application of Total Station” followed by Career Counselling Seminar for the Final year Diploma Students of Jnan Chandra Ghosh Polytechnic

Organized by

Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (An Autonomous Institute)

Title: Workshop session on “Application of Total Station” followed by Career Counselling Seminar for the Final year Diploma Students of Jnan Chandra Ghosh Polytechnic

Date & Time: 04.04.2025, 11.00 AM onwards

No. of Participants: 35

Speakers:

- Baibaswata Das, TIC, Department of CE
- Sourav Kumar Singha, Department of CE
- Souvik Chakraborty, Department of CE
- Soumita Banerjee, Department of CE

Objective: The primary objectives of this workshop and seminar were to:

- Provide hands-on training on the application of Total Station in modern surveying techniques.
- Familiarize students with the latest advancements in surveying technology and its practical applications in the field of civil engineering.
- Guide final-year diploma students in understanding career prospects and opportunities in B.Tech in Civil engineering.
- Address queries and concerns related to further education, employment, and industry expectations.
- Enhance the technical and professional readiness of students before entering the workforce.

Brief Overview: The Department of Civil Engineering at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (an autonomous institute) organized a workshop session on the “Application of Total Station” followed by a career counselling seminar for the final-year diploma students of Jnan Chandra Ghosh Polytechnic. The event took place on April 4, 2025, from 11:00 AM onwards and witnessed the participation of 35 enthusiastic students.

The workshop focused on Total Station's fundamental and advanced aspects, a crucial tool in modern surveying. Students received practical demonstrations and hands-on experience in operating the equipment, data collection, and analysis techniques. This session aimed to bridge the gap between theoretical knowledge and real-world applications, ensuring that students are well-prepared for industry demands.



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Following the workshop, a career counselling seminar was conducted to provide valuable insights into job opportunities, higher education pathways, and industry expectations. The expert speakers, including faculty members from the Department of Civil Engineering, shared their knowledge and experiences to help students make informed career choices. The speakers for the session were:

- Baibaswata Das, TIC, Department of CE
- Sourav Kumar Singha, Department of CE
- Souvik Chakraborty, Department of CE
- Soumita Banerjee, Department of CE

Outcome: The workshop and seminar were highly beneficial for the students, equipping them with both technical and career-oriented knowledge. The key outcomes included:

- Enhanced understanding of total station operations and its applications in civil engineering projects.
- Improved confidence in handling modern surveying equipment through practical exposure.
- Clarity on career options, including job prospects in government and private sectors, higher studies, and entrepreneurship opportunities.
- Direct interaction with experienced faculty members allowing students to resolve their doubts and gain career guidance.
- Increased motivation and preparedness among students for their professional journey post-diploma.
- Overall, the session successfully met its objectives, providing students with technical expertise and career guidance to navigate their future paths effectively.

Few glimpses of the session-



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Workshop session on “Application of Total Station” followed by Career Counselling Seminar for the Final year Diploma Students of Jnan Chandra Ghosh Polytechnic on 04.04.2025