
**Report on One Day Workshop on Application of Total Station & Career
Counselling Session Jnan Chandra Ghosh Polytechnic, Civil Engineering
Department****Organised by****Dept. of Civil Engineering of****Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**

Title: One Day Workshop on Application of Total Station & Career Counselling Session for the Diploma 3rd Year Students of Jnan Chandra Ghosh Polytechnic, Civil Engineering Department

Speakers and Designation:

- Mr. Baibaswata Das, Assistant Professor and Teacher-in-Charge, Department of Civil Engineering
- Mr. Souvik Chakraborty, Assistant Professor, Department of Civil Engineering
- Ms. Soumita Banerjee, Technical Assistant, Department of Civil Engineering

Date & Time: 14th November 2025, 11:00 AM onwards

Venue: Jnan Chandra Ghosh Polytechnic, Civil Engineering Department

No. of Participants: More than 40 Diploma 3rd-year students

Objective: The primary objective of the workshop was to introduce Diploma students to the practical applications of Total Station in modern surveying and to provide them with career counselling regarding higher education and job opportunities in the field of Civil Engineering. The session aimed to bridge the gap between theoretical knowledge and practical field exposure.

Brief Overview: The workshop began with a detailed demonstration of the Total Station, covering its components, functions, and field applications. Students were shown how to set up the instrument, perform centering and leveling, take measurements, and interpret the collected data.

Following the technical demonstration, a career counselling session was conducted where the speakers discussed various pathways available after completing a Diploma in Civil Engineering. Topics included opportunities in surveying, construction industries, infrastructure projects, and options for pursuing B.Tech, specialized certifications, and skill enhancement programs.

The interactive nature of the session encouraged students to ask questions related to both the Total Station operation and career growth, making the workshop informative and engaging.

Outcome: Students gained hands-on exposure to the use of Total Station for surveying applications.

- The session enhanced students' understanding of advanced surveying techniques and their relevance in industry.
- The career counselling segment helped students gain clarity about higher studies, job prospects, and future skill requirements in the Civil Engineering domain.
- The workshop boosted students' confidence and encouraged them to explore specialized fields within surveying and geoinformatics.

Conclusion: The workshop on Application of Total Station combined with the career counselling session proved to be highly beneficial for the Diploma 3rd-year students of Jnan Chandra Ghosh Polytechnic. The active participation of students and the practical demonstrations made the event successful. The Civil Engineering department looks forward to conducting more such industry-oriented and career-focused sessions in the future to further strengthen students' technical skills and professional development.

Please find the glimpses of the workshop -



One Day Workshop on Application of Total Station & Career Counselling Session on 14th November 2025