



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

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

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Report of One Day Workshop session “Integrated CADD and BIM awareness program - Civil & Mechanical Application”

Organized by

Department of CE and ME

of

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

In Collaboration with

CADD Solution, a CADD and BIM organization

Title: One Day Workshop session “Integrated CADD and BIM awareness program - Civil & Mechanical Application”

Details of the Resource Person and Designation:

1. Monish Polley, Structural Engineer, CAD Solutions
2. Sibabrata Goswami, Mechanical Designer, CAD Solutions
3. Sumit Chaudhury, BIM Modeller, CAD Solutions

Date & Time: 19.08.2025, 2.00 PM onwards

Venue: Dr. C.V. Raman Auditorium, SurTech

Number of Participants: 40

Objective: The primary objectives of this workshop were to enhance technical awareness by introducing participants to the latest developments in Computer-Aided Design and Drafting (CADD) and Building Information Modeling (BIM) technologies, bridge the industry-academia gap by providing insights into current industry practices and standards, foster cross-disciplinary learning between civil and mechanical engineering students through integrated design approaches, expose students to emerging career opportunities in the CADD and BIM domains, and demonstrate real-world applications of these technologies in both civil and mechanical engineering projects.

Brief Overview: The workshop was conducted on August 19, 2025, from 2:00 PM onwards at Room Number 122, SurTech, with 40 participants comprising students and faculty from both Civil and Mechanical Engineering departments. The session featured three resource persons from CADD Solution: **Mr. Monish Polley** (Structural Engineer) who covered civil engineering applications including structural design and BIM integration, **Mr. Sibabrata Goswami** (Mechanical Designer) who demonstrated mechanical design workflows and 3D modeling techniques, and **Mr. Sumit Chaudhury** (BIM Modeller) who provided insights into Building Information Modeling technologies and collaborative design processes. The workshop was structured with interactive demonstrations, hands-on examples, and Q&A segments, allowing participants to engage directly with industry professionals and gain practical exposure to current CADD and BIM practices used in professional engineering environments.



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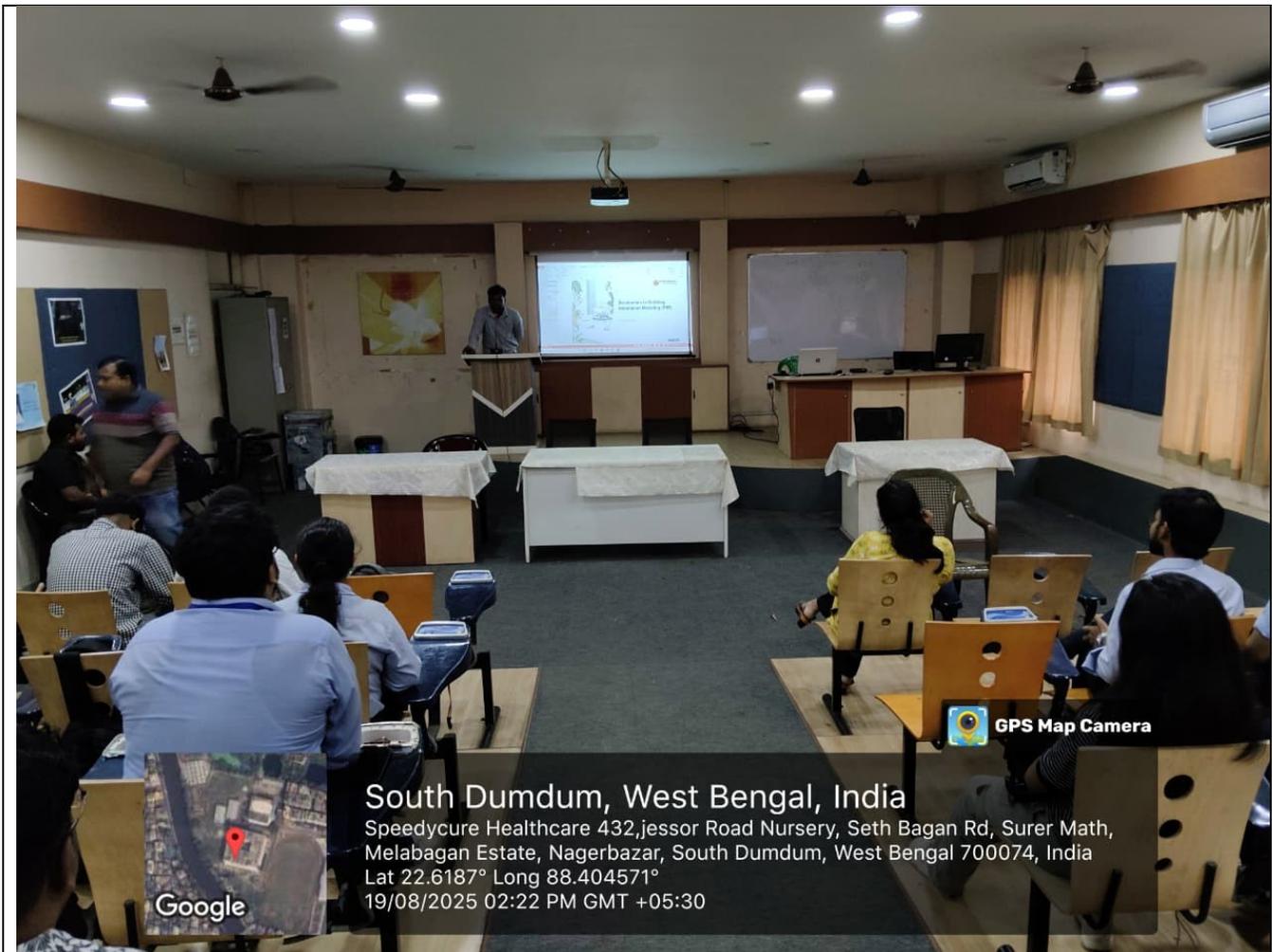
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Outcome: The workshop achieved significant success in meeting its intended objectives by enhancing participants' technical knowledge through valuable exposure to industry-standard software tools and methodologies, providing crucial industry insights that helped students understand current market expectations and skill requirements, fostering interdisciplinary collaboration between civil and mechanical engineering students, offering valuable career guidance with pathways for professional development in the growing CADD and BIM sectors, facilitating meaningful networking opportunities between students, faculty, and industry professionals, and increasing participants' awareness of the additional skills needed to remain competitive in the evolving engineering landscape, particularly in digital design and modeling technologies.

Few glimpses of the session-



One Day Workshop session “Integrated CADD and BIM awareness program - Civil & Mechanical Application” on 19.08.2025