

Report of workshop session “Eco-friendly Surface Coating”

Organized by

Department of Civil Engineering & IQAC Cell

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

In Collaboration with Pedilite Industries

Title: Workshop session “Eco-friendly Surface Coating”

Trainers:

1. Goutam Sur, Regional Manager, Pidilite
2. Tirtha Pratim Banerjee, Head Training DFI Pidilite
3. Santosh Anand Thakur, Manager Application, Pidilite

Number of Participants: 25 Nos. Industry personnel.

Date & Time: 26.03.2026 & 27.03.2026, 11.30 AM onwards

Venue: C.V.Raman Auditorium, SurTech Campus

Objective: The primary objective of this workshop was to create awareness and impart practical knowledge about eco-friendly surface coating technologies used in modern construction practices. The session aimed to bridge the gap between conventional methods and sustainable alternatives by introducing participants to innovative, environmentally responsible materials and application techniques.

Additionally, the workshop intended to enhance industry-academia collaboration by bringing professionals and experts together on a common platform to exchange knowledge and real-world experiences.

Brief Description: The two-day workshop was conducted in a highly interactive and engaging manner, focusing on both theoretical understanding and practical application. Experts from Pidilite Industries Limited shared their extensive industry experience and insights into the latest advancements in eco-friendly coating solutions.

On the first day, the sessions introduced participants to the fundamentals of surface coatings, emphasizing the importance of sustainability, durability, and environmental safety. The trainers discussed various types of eco-friendly coatings, their composition, and performance characteristics, along with real-life case studies from ongoing projects.

The second day was more application-oriented, where participants were exposed to hands-on demonstrations of coating techniques, surface preparation methods, and quality control measures. The trainers also highlighted common challenges faced in the field and provided practical solutions, making the session highly relevant for working professionals. The workshop maintained a lively atmosphere with active participation, discussions, and query sessions, ensuring that all attendees could relate the concepts to their professional practices.

Outcome: The workshop successfully enhanced the participants' understanding of eco-friendly construction materials and sustainable coating technologies. Participants gained valuable insights into modern practices that not only improve structural performance but also reduce environmental impact.

Key outcomes include:

- Improved awareness of sustainable and green construction materials
- Enhanced practical knowledge of surface coating application techniques
- Better understanding of product selection based on site conditions
- Strengthened connection between academic knowledge and industry practices
- Encouragement towards adopting environmentally responsible construction methods

Overall, the workshop proved to be highly beneficial, leaving participants more confident and informed about integrating eco-friendly solutions into their professional work.

Please find the glimpses of the event -



Workshop session “Eco-friendly Surface Coating” on 26.03.2026 & 27.03.2026