

**Report on****One-Day Invited Talk - “Designing AICTE IDEA Lab.”****Organized by****AICTE IDEA Lab and the IIC cell, in association with the Department of BSH****Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex,****(Sur Tech),(Autonomous) JIS Group, Dum Dum****Title:** One-Day Invited Talk - “Designing AICTE IDEA Lab.”**Date:** 8th May 2025**Mode:** Physical Mode (Offlie)**Venue:** Dr Sudhir Chandra Sur Institute of Technology and Sports Complex, Dum Dum, Kolkata**No. of participant:** 59**Target Audience:** Faculty and Students**Introduction:**

The **One-Day Invited Talk - “Designing AICTE IDEA Lab.”** event stands as a testament to the visionary leadership of the JIS Group. Guided by the foresight of **Honourable Sardar Taranjit Singh**, Managing Director, and the dynamic direction of **Honourable Sardar Simarpreet Singh**, Director, JIS Group, this initiative reflects their unwavering commitment to advancing innovation in sustainable technologies.

We extend our heartfelt gratitude to **Prof. (Dr.) Neeraj Saxena**, Pro-Chancellor, JIS University, for his inspiring leadership and constant encouragement, which played a pivotal role in transforming this vision into a reality. His support was instrumental in shaping the goals and outcomes of this event.

The event was further energized by the motivation and support from **Prof. (Dr.) Saradindu Panda**, Principal, SurTech, whose active involvement and guidance steered the successful execution of this remarkable initiative.

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech), under the visionary leadership of the JIS Group, recently hosted an invited talk by **Prof. (Dr.) Swagata Sarkar**, Professor & Head, Department of Artificial Intelligence and Data Science, Sri Sairam Engineering College, Chennai. The talk titled “Designing AICTE IDEA Lab” was organized under the AICTE IDEA Lab initiative, in association with the IIC Cell and the Department of Basic Science & Humanities.

**Objectives:**

- **To introduce the concept and framework of AICTE IDEA Lab** to faculty and students for awareness and alignment with institutional goals.
- **To provide expert guidance** on the design, establishment, and execution of a functional and impactful IDEA Lab.
- **To understand best practices and success models** from other institutions already running AICTE IDEA Labs.
- **To explore funding mechanisms and national initiatives** (e.g., SDG goals, Unnat Bharat Abhiyan, Atmanirbhar Bharat) that support innovation infrastructure.
- **To develop interdisciplinary collaboration strategies** for effective lab utilization involving students, faculty, and industry partners.
- **To encourage faculty and R&D teams** to draft innovation-focused proposals aligned with industry and government priorities.
- **To foster a culture of innovation and hands-on learning** through structured implementation of IDEA Lab initiatives across academic departments.

**Event Summary:**

**Prof. (Dr.) Swagata Sarkar** began her session by sharing her extensive experience in setting up and managing the AICTE IDEA Lab at her own institution. She emphasized vision-driven development, aligning initiatives with Sustainable Development Goals (SDGs), Unnat Bharat Abhiyan, and national innovation missions. Her expert insights included proposal drafting, strategic collaborations, budgeting, and implementing hands-on training modules within the curriculum.

Following her lecture, an engaging and highly interactive Q&A session took place. Faculty members and students raised queries about best practices, funding channels, and curriculum integration, which Prof. Sarkar addressed in detail.

**Outcome of the Event:**

- **Clarity on AICTE IDEA Lab Vision and Structure:**

The session offered a detailed roadmap for establishing a purpose-driven, sustainable, and innovation-

centric AICTE IDEA Lab aligned with institutional goals and national missions like SDG, Unnat Bharat Abhiyan, and Atmanirbhar Bharat.

- **Awareness of Funding Opportunities:**

Participants gained exposure to various avenues of support for lab development, including government schemes, industry tie-ups, and CSR initiatives.

- **Guidance on Proposal Writing and Execution:**

Faculty and R&D cell members were enlightened on how to draft effective project proposals, plan resource allocation, and develop monitoring mechanisms for impactful implementation.

- **Inspiration for Interdisciplinary Collaboration:**

The session emphasized the importance of cross-departmental teamwork and student-faculty-industry synergy to maximize the IDEA Lab's utility.

- **Interactive Q&A Session:**

An engaging and open-ended discussion followed the talk, addressing participants' queries related to prototyping, curriculum integration, hands-on learning modules, and innovation challenges.

- **Motivation Among Faculty and Students:**

The event served as a motivational boost for the SurTech community, sparking enthusiasm for upcoming IDEA Lab projects and initiatives.

- **Institutional Benchmarking:**

SurTech now has a clearer benchmark and actionable insights from a successfully implemented IDEA Lab model, paving the way for accelerated development.

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**Acknowledgement:** We are deeply grateful to Prof. (Dr.) Swagata Sarkar for accepting our invitation and delivering such an impactful session. Her words provided great motivation and clarity. We also extend our heartfelt thanks to Prof. (Dr.) Neeraj Saxena, Pro-Chancellor, JIS University, and Prof. (Dr.) Saradindu Panda, Principal, SurTech, for their continuous encouragement and support in making this initiative successful.

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## Glimpses of the Event:



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**YouTube link of the event:**

(<https://youtube.com/shorts/eNNJ52QvM2w?feature=shared>)