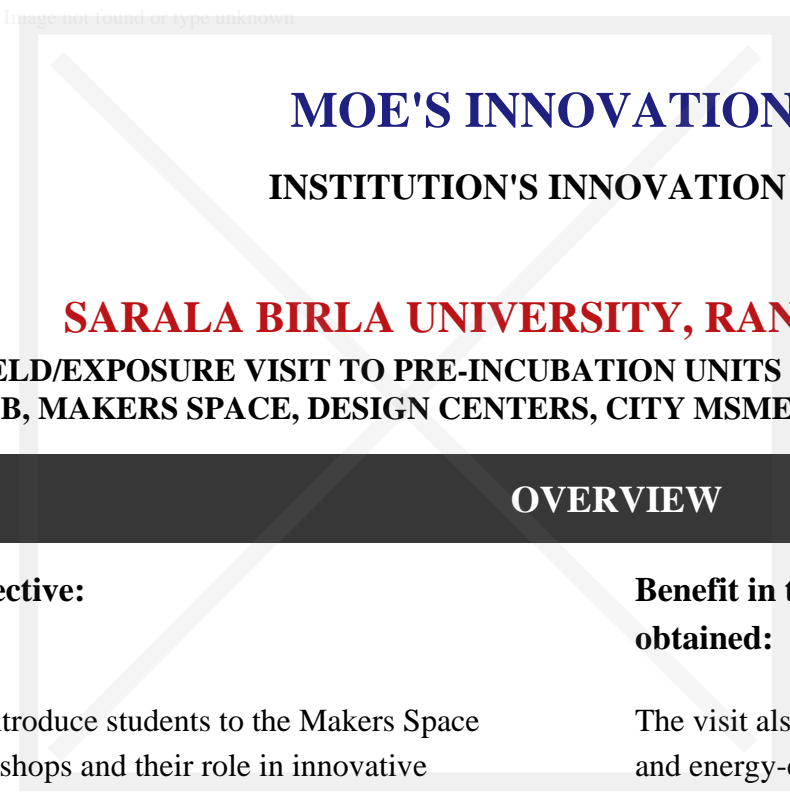




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**MOE'S INNOVATION CELL**  
**INSTITUTION'S INNOVATION COUNCIL**

**SARALA BIRLA UNIVERSITY, RANCHI (IC202428412)**

**FIELD/EXPOSURE VISIT TO PRE-INCUBATION UNITS SUCH AS AICTE IDEA LAB, FAB LAB, MAKERS SPACE, DESIGN CENTERS, CITY MSME CLUSTERS, WORKSHOPS ETC.**

**OVERVIEW**

<b>Objective:</b>	<b>Benefit in terms of learning/Skill/Knowledge obtained:</b>
To introduce students to the Makers Space workshops and their role in innovative manufacturing	The visit also highlighted how sustainable practices and energy-efficient technologies
<b>Academic Year:</b>	<b>Program driven by:</b>
2024-25	IIC Calendar Activity
<b>Month:</b>	<b>Program /Activity Name:</b>
	Field/Exposure Visit to Pre-incubation units such as AICTE Idea Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.

<b>Program Type:</b>	<b>Other:</b>
Level 1 - Exposure Visit	null
<b>Program Theme:</b>	<b>Other:</b>
Innovation & Design Thinking	NA
<b>Date &amp; Duration (Days):</b>	<b>External Participants, If any:</b>
01/30/2025-01/30/2025-0	0
<b>Student Participants:</b>	<b>Faculty Participants:</b>
40	8
<b>Expenditure Amount, If any:</b>	<b>Remark:</b>
0	The event witnessed active participation from various departments of Sarala Birla University.
<b>ATTACHMENTS</b>	
<b>Video:</b>	null
<b>Photograph1:</b>	
<b>Photograph2:</b>	
<b>Session plan, If any:</b>	<a href="#">View Report</a>
This report is electronically generated against report submitted on Institution's Innovation Council Portal.	

On 30th January 2025, the Institution's Innovation Council (IIC) of Sarala Birla University, Ranchi, organized a field visit to the Makers Space workshops located at the Dairy Milk Factory. The primary aim of the visit was to provide students with exposure to innovative manufacturing technologies, prototyping, and product design processes in an industrial setting. The workshop at the Dairy Milk Factory, renowned for its cutting-edge production and packaging techniques, serves as an ideal environment for learning about the real-world applications of innovation and technology.

The visit allowed students to gain practical knowledge about the integration of advanced machinery, automation, and creative design in large-scale industrial processes, fostering creativity and problem-solving skills among the participants.

The Makers Space workshops at the Dairy Milk Factory are a unique blend of innovation and industrial production. The space houses an array of tools and technologies aimed at developing prototypes, improving manufacturing processes, and exploring new product ideas.

Upon arrival, the students were welcomed by the coordinators and staff from the Institution's Innovation Council and the Dairy Milk Factory. The students were introduced to the Makers Space workshop, with a detailed briefing about the purpose of the space and its role in enhancing manufacturing innovation. The coordinator provided an overview of the various stages of the manufacturing process at the factory, from raw material handling to product packaging.

The students observed the sophisticated systems used for packaging the Dairy Milk products, focusing on how automation is integrated into the process to achieve high-speed, high-accuracy packaging. They also saw how the factory ensures product quality and safety through automated quality control systems.

Following the demonstrations, the students participated in an interactive session with factory experts and engineers who work in the Makers Space workshops. These professionals shared their experiences and explained the role of innovation and technology in transforming traditional manufacturing processes. The students were encouraged to ask questions about product design, process optimization, and how they can integrate such technologies into their future projects. Students also discussed the application of sustainable practices and energy-efficient technologies used in the production and packaging processes at the Dairy Milk Factory.

The field visit to the **Makers Space workshops** at the Dairy Milk Factory was an invaluable experience for the students of Sarala Birla University. It provided them with hands-on exposure to cutting-edge technologies and industrial applications of prototyping, automation, and product design. The visit reinforced the importance of **innovation** and **collaborative learning** in the field of manufacturing and entrepreneurship.



**Dr. Sandeep Kumar**  
(IIC President)  
Institution's Innovation Council (IIC)  
Sarala Birla University, Ranchi