



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. - WAKNAGHAT,
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PIN - 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



**AGAR
ART**

**PRIZE
POOL**

**RS 2500
+
GOODIES**

DATE : 21 JAN **TIME : 5 - 8 PM**



Report on Agar Art Competition

Organised by Synapse Club under BIOxcelerate 2026

1. Introduction

The **Agar Art Competition** was successfully organized by the **Synapse Club of Department of BT and BI in collaboration with IIC of JUIT** as a part of its flagship biotechnology event “**BIOxcelerate 2026.**” The competition aimed to blend **scientific understanding with artistic creativity**, encouraging students to explore microbiology beyond textbooks and laboratory protocols. Agar art, an emerging scientific-art discipline, involves creating visual designs using microbial growth on agar plates, thereby promoting innovation, precision, and biosafety awareness among participants.

The event served as an excellent platform for students to express their creativity while reinforcing core microbiological concepts such as aseptic techniques, culture handling, incubation, and microbial pigmentation.

2. Objectives of the Competition

The Agar Art Competition was conducted with the following objectives:

- To encourage **creative thinking in microbiology**
- To provide **hands-on exposure** to agar media and microbial handling
- To promote **laboratory discipline and biosafety practices**
- To make microbiology **interactive, visual, and engaging**
- To identify and appreciate artistic talent within scientific boundaries

3. Event Details

- **Event Name:** Agar Art Competition
- **Date:** 21 January 2026
- **Venue:** Biotechnology labs (UG1 & UG2)
- **Organizing Body:** Synapse Club
- **Flagship Event:** BIOxcelerate 2026
- **Participants:** undergraduate and post graduate students.
- **Mode:** On-campus laboratory-based competition
- **Teams:** 16



4. Event Coordination and Management

The Agar Art Competition was successfully coordinated by **Mr. Prerak Chouhan, General Secretary of the Synapse Club, who played a central role in the planning and execution of the event.** Prior to the commencement of the competition, he conducted a detailed briefing session for all participating teams, during which the rules and regulations, biosafety protocols, judging criteria, ethical considerations, and time constraints were clearly explained. This briefing ensured uniform understanding among participants and strict adherence to laboratory safety and ethical standards throughout the event.

In addition to the event coordinator, other members of the organizing committee contributed equally to the smooth and efficient conduct of the competition. The committee actively assisted in laboratory setup, preparation and distribution of materials, supervision of biosafety practices, and overall event management. Their coordinated efforts ensured effective organization, transparency in evaluation, and the maintenance of a professional academic environment.

5. Methodology and Execution

The competition was conducted in a well-equipped laboratory environment. Sterile agar plates were provided to participants, and they were allowed to design their artwork using approved microbial cultures under strict supervision.

Key steps involved:

- Planning the design on paper before execution
- Maintaining **aseptic conditions** throughout the process
- Using inoculation loops or sterile swabs for precision
- Proper labelling and incubation of agar plates

Participants demonstrated remarkable skill in controlling microbial growth patterns, symmetry, and contrast, showcasing both **scientific understanding and artistic vision.**

6. Participation and Creativity Displayed

The competition witnessed enthusiastic participation, with students presenting a diverse range of designs including **biological symbols, environmental themes, abstract patterns, and cultural motifs.** Each artwork reflected careful planning, patience, and technical accuracy.

The judging panel evaluated the entries based on:

- Creativity and originality
- Clarity and aesthetic appeal
- Technical precision and cleanliness
- Adherence to safety and laboratory protocols

7. Image Gallery – Competition in Action



Figure 1: Participants preparing and designing agar art under laboratory conditions.

8. Display of Agar Art Creations



Figure 2: Final agar art plates showcasing creativity and microbial patterning.

9. Judging Panel and Results Declaration

The Agar Art Competition was evaluated by a distinguished judging panel comprising **Prof. Hemant Sood** and **Prof. Rahul Srivastava**. The judges assessed the agar art entries based on **creativity, originality, aesthetic appeal, technical precision, and adherence to biosafety and laboratory protocols**.



Figure 3: Judging panel assessing agar art plates for artistic creativity and microbiological accuracy.

After careful evaluation of all submissions, the results of **Agar Art 2026** were declared as follows:

Agar Art 2026 – Winners Announcement

- **First Prize:***Lifehackers*
- **Second Prize:***Pi_Square*
- **Third Prize:***Petri Picasso(Aditya and Mishti)*

Consolation Prizes

- *Ashmi*
- *Creative Canvas*

The judging panel appreciated the high standard of creativity and scientific discipline demonstrated by all participants.



10. Conclusion

The Agar Art Competition organized by the Synapse Club under the flagship event **BIOxcelerate 2026** was a resounding success. The event effectively combined **scientific rigor with creative expression**, allowing participants to apply microbiological concepts in an innovative and engaging manner. Through hands-on involvement, students enhanced their understanding of **aseptic techniques, microbial growth patterns, laboratory discipline, and biosafety practices**.

The competition also fostered a spirit of teamwork, healthy competition, and curiosity among participants, while providing a platform to showcase both artistic talent and technical competence. The structured coordination, fair judging, and enthusiastic participation contributed significantly to the smooth execution of the event. Overall, the Agar Art Competition stood as an excellent example of experiential learning, reinforcing the importance of creativity and practical application in biotechnology education.

Social media links :

<https://www.instagram.com/p/DU3lqTAE-kG/?igsh=cjjOGhoZzhkYWZv>

https://www.instagram.com/p/DU3nu2DE_BZ/?igsh=MTNvaGtzemVva2p3bQ==

AGAR ART COMPETITION-2026 PARTICIPANTS LIST

S.no	Team Name	Lead Name	Lead ID	Member 2	ID
1.	Twin Colonies	Ira	241011002	Nandni Rana	241011030
2.	Petri Doodlers	Shivanshi	251011042	Kashish Thakur	251011036
3.	Blue Whale	Divyansh Pandey	241011020	Singh Suraj Kumar	251011019
4.	Biologics	Riya Chauhan	251011021	Amani Katoch	251011022
5.	Purple Hand Gang	Asmita Verma	251011031	Kavya Sharma	251010005

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6.	Creative Canvas	Shriya Sharma	251010013	Astha Verma	251011007
7.	Lifehackers	Anvi Mahajan	251010006	Harshita Sharma	251010014
8.	Petri Picasso	Mishthi Dutta	251010004	Aditya Raj Singh	251010001
9.	Art Attack	Satvik Parv	251010009	Saksham Thakur	251010010
10.	Petri Picassos	Sushamjot Kaur	255112002	—	—
11.	Agarbound	Vaibhav Sharma	251011004	Rishav Raj	251010002
12.	TeamLava	Lavanya Dhaul	251011014	Divyanshi Verma	251010008
13.	Bertholdt	Aarshi Kalta	251011026	Yamini Sharma	251011032
14.	Pi_Square	Parth Gupta	221040005	—	—
15.	Petri Palette	Tamanna Prakash	241011010	Ipshita Kanungo	241011023
16.	Petri Palette 2. o	Shivi Arora	241011029	Ananya Tomar	241011004
17.	Ashmi	Ashmi	221030168	Ashmi	221030168