

Report on BIO-IDEATHON

Organized by Synapse Club, Department of Biotechnology &
Bioinformatics



Introduction

The **Bio-Ideathon** is an innovative competition organized to inspire students to apply their scientific knowledge and creativity to solve real-world problems through biotechnology. It serves as a platform for young minds to brainstorm and present novel ideas that can contribute to advancements in health, environment, agriculture, and industry. The event aims to foster **critical thinking, teamwork, and entrepreneurial**

skills among students, encouraging them to transform their ideas into potential biotechnological solutions for a sustainable future.

Event Overview

The **Bio-Ideathon Competition** commenced on **7th November at 5:00 PM** with great enthusiasm and participation from students across various semesters. The event began with a motivational address by **Prof. Dr. Jata Shankar, Head of Department**, who inspired the participants to think innovatively and utilize their scientific understanding to tackle global challenges. Following this, **Dr. Saurabh Bansal, Faculty Treasurer of the club**, also motivated the students with his encouraging words and guidance.



A total of **24 teams** participated in the competition, presenting their innovative ideas under the following **themes**:

- **Healthcare & Diagnostics Innovation**
- **Sustainable Biotechnology and Bioengineering**
- **Computational Biology Solutions**
- **Environmental & Agriculture Biotechnology**
- **Bio-Entrepreneurship & Human Welfare**

Mid Evaluation

At **8:00 PM**, the **Mid Evaluation Round** began by **Devansh kalia; Prerak chauhan ;Aditya Sharma and Prateeksha** . During this phase, teams were judged on various parameters including **originality of the idea, feasibility, innovation, and presentation skills**. Based on the evaluation scores, **half of the teams were eliminated**, while the remaining advanced to the **Final Evaluation Round**.

Final Evaluation

The **Final Evaluation** took place on **8th November at 10:00 AM** in **Cr17**, where the shortlisted teams presented their refined ideas before an esteemed panel of judges comprising:

Prof.Dr. Anil Kant Thakur ; Dr. Ragini Raj Singh ; Dr. Raj Kumar ; Dr. Udayabhanu ; Prof. Dr. Jata Shankar and Prof.Dr.Gopal Singh Bisht.



The faculty evaluated the projects based on **innovation, practical applicability, and overall impact.**

After thorough assessment, the **top three teams** were selected for their outstanding ideation and presentation skills:

1. **The Hollows Protocol** – First Position
2. **Green Apple**– Second Position
3. **Katseye**– Third Position

Conclusion and Prize Distribution

The event concluded with a **valedictory session** where the winners were awarded **certificates and cash prizes** in recognition of their creative efforts. All other participants were also appreciated and given **chocolates as a token of encouragement**. The competition not only highlighted the innovative potential of students but also promoted a culture of scientific exploration and problem-solving within the department. The **Bio-Ideathon 2025** successfully achieved its objective of nurturing young bio-technologists and inspiring them to contribute meaningfully toward the advancement of science and society.





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