

# IDEATHON-2023 BIOTECHNOLOGY IN PRECISION LIVESTOCK FARMING

Under the aegis of  
Indian Society of Veterinary  
Immunology and Biotechnology (ISVIB)



**WHEN**  
July 17<sup>th</sup>  
10 am - 5 pm

**WHERE**  
Auditorium  
College of Animal Biotechnology

## FEATURING:

- **Free participation**
- **Hybrid mode**
- **Awards- 3 in each theme**
- **For enrolled UG, Masters & Ph.D. students**

College of Animal Biotechnology  
Guru Angad Dev Veterinary and Animal Sciences  
University (GADVASU), Ludhiana- 141004, Punjab



## THEME 1

Biotechnology in Animal Health

## THEME 2

Biotechnology in Animal  
Production



## THEME 3

Waste to Wealth: Way Through  
Biotechnology



## Important dates

- **Application closing date – 5<sup>th</sup> July**
- **Information to shortlisted candidates – 10<sup>th</sup> July**
- **Submission of presentation – 12<sup>th</sup> July**

Registration link



<https://forms.gle/RHD8QhU7Lnzjh3LY7>

# GUIDELINES FOR PARTICIPANTS

1. The applications will be screened based on the novelty of the idea, practicability, scalability, and relevance to the theme.
2. The participants will be categorized into three groups viz. Undergraduate, Masters, and Ph.D.
3. The candidate should be enrolled in any College/University/Institute recognized by any statutory body.
4. Applicants must upload a Bonafide certificate (duly signed by the head of the department/institution) during registration. **Applications without a Bonafide certificate will NOT BE considered for presentation.**
5. The IDEATHON will be conducted in **hybrid mode**.
6. For any participant who wishes to present offline, please ensure your food and lodging are managed independently. The online participants will be provided with the web link.
7. The participants should be present (Online / Offline) for delivering the presentation 10 minutes before the scheduled time.
8. Time allotted for each participant is strictly 3 minutes + 2 minutes of discussion.
9. The presentation should be made using PPT (a maximum of 6).
10. Participants presenting online should present from their personal or office computer/Laptop.
11. Participants may please ensure internet connectivity before the presentation.
12. Participants **MUST** e-mail their presentation (ppt/pdf file) at least three days before the scheduled lecture to the following email: [coabtevents@gmail.com](mailto:coabtevents@gmail.com).
13. Evaluation will be based on the presentation, novelty of the idea, scalability, and relevance to the theme.
14. **Top three participants from each group will be awarded.**

# THEME DETAIL

## THEME 1: Biotechnology in Animal Health

New generation vaccines, therapeutics and diagnostics against major animal diseases, probiotics to improve animal health, artificial intelligence to monitor animal health, etc.

## THEME 2: Biotechnology in Animal Production

Novel reproductive technologies, including developing gene-edited and cloned high-yielding animals, genome analysis and genetic characterization of indigenous livestock breeds, Biotechnological interventions for stress management in animals; application of biotechnology to improve productivity, consistency, and quality; to introduce a new food, fiber; and to protect the environment, artificial intelligence to monitor animal production, etc.

## THEME 3: Waste to Wealth: Way Through Biotechnology

Biotechnological interventions to convert animal waste into something valuable, next-generation biofuels made from animal wastes, biotechnological interventions for biofuel production, value addition to farm wastes, use of microbes and enzymes for biomass degradation, etc.