

RULES AND REGULATIONS OF THE COMPETITIONS

- 1 [A] Maximum of three participants (biological sciences) from each Institute would be allowed to participate in each event.
[B] Minimum five participants would be essential to conduct each competition.
2. Institutes are requested to send list of the participants and tentative number of attendees on or before **7th March 2022**

Scanned copies may be sent to: pg-gibion.bs@charusat.ac.in

Hard copies may be submitted to Department of Biological Sciences, P. D. Patel Institute of Applied Sciences, CHARUSAT, Changa **at registration desk on 12th March 2022.**

3. **Registrations fees Rs.200 /- per student (including participants) is to be paid by the students in cash or by electronic transfer to SBI Bank A/c Number: 30875081005, Bank Branch CODE: 10961 Bank MICR CODE: 388002502 Bank IFSC code: SBIN0010961**

In case of electronic transfer you are requested to send transection details to the above email.

4. Prizes for each event would be as under
 - a. **1st prize** : Trophy from Patrons and Rs.**5000/-** in cash.
 - b. **2nd prize**: **Rs.3000 /-** and award from Patrons.
 - c. **3rd prize**: **Rs.2000/-** and award from Patrons.
 - d. **1st prize Model Making** : Trophy from Patrons and Rs.**25000/-** in cash.

In case of Biotechnology lead ideas to solve local problems and bio-quiz, cash prize money will be equally shared by the members of participating team.

5. All participants are required to bring college identity card.
- 6 All rights for amending the rules and regulations regarding the competitions are reserved by Patron and Co-Patron.

Biotechnology lead ideas to solve local problems: Success stories/Original idea

- a. Team shall comprise of 2 members. Maximum 3 teams per Institute
- b. The topic will be disclosed to the participants on the spot.
- c. Participants will be given 1 hour to discuss and plan their presentation.
- d. Maximum 8 minutes will be given for presentation followed by defense of the idea.
- e. Idea should be innovative and original.

Model Making

Priority areas:

Plant biotechnology, **animal** biotechnology, **industrial** biotechnology, **environmental** biotechnology, **healthcare** biotechnology, **pharmaceuticals** biotechnology

- a. Team shall comprise of 3 members. Maximum 3 teams per Institute

- b. The model would be 3 Dimensional prototype based on biotechnology based business idea.
- c. Running tap water and plug-in electricity shall be provided if working model is prepared.

Extempore speech

- a. Individual competition.
- b. Topic would be given 5 minutes prior to speech.
- c. Topics would be from the listed topics of enclosure-1.
- d. Student will have to speak for 3-5 minutes as maximum time limit.
- e. In no case participant would be allowed to read or discuss the subject with anybody.
- f. Maximum care would be taken to give equal time to all candidates.

Abstract writing

- a. Individual competition.
- b. Maximum 3 participants per Institute
- c. The participants shall be given a printout of research paper whose title, author details, abstract, and key words shall not be visible.
- d. 1 hour 30 minutes will be given to read, understand and write the abstract of the paper.

Bio Quiz

Nature of Quiz: Based on Life Sciences

No of students per team: 2 students per team / Maximum three teams per Institute

Elimination Round: On the same day prior to the Finals

Written Elimination Round:

30 - 40 Questions covering various areas of Biotechnology and interdisciplinary areas (Questions will be short question type as well as MCQ's as well as Picture Quiz)

A common question paper will be shared between members of a participating Team.

Team members can discuss and write the answers to questions of elimination round

The questions will be of general nature and shall cover various areas like

- Science Trivia
- Current trends in Biology
- Various model organisms for Biotech Research
- Biosafety and Bioethics

(Top Six teams from elimination round will make it to finals)

Finals (Six Team Format):

Rounds will comprise of questions from:

- Biotech Trivia
- Mixed bag Biotech
- Nobel Laureates
- Amazing World of Microbes
- Medical Biotechnology
- Biotech for Industries
- Mad with Tools and Techniques
- Anatomy of Research Papers and Publications
- Latest in the World of Life Sciences
- Life Science in Gujarat

In addition to these, there will be special rounds like:

- Mega Connect Round
- Special Audience Round and Audience Questions
- Special Round
- Table Round
- Rapid Fire Round (Exclusively General Biology and Life Sciences)
- Audio and Video Round
- Visual Round