NATIONAL LEVEL MICROBIOLYMPIAD

25TH EDITION · SILVER JUBILEE (2001 – 2026)

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N O T I C E

MicrobioModel · Scientific model making
Rules and Guidelines · National Level MicrobiOlympiad 2026–27

To: The Heads of Departments, College Coordinators and all participants registered for **MicrobioModel**.

MicrobioModel is a scientific model-making contest. Each participant builds one **working or three-dimensional model on any topic from the life sciences**, demonstrates it in a short video, and submits it online by **18 December 2026**. A model must either **teach a concept clearly** or be a **useful product that could be made and sold**.

What makes a good model

Life science	The topic must come from the life sciences: microbiology, biotechnology, biochemistry, botany, zoology, genetics, environment, health, food or agriculture.
Demonstrable	The model must be **shown working**, or a static model explained step by step so the process is clear.
Learning value or use	What a student learns from the model; or, for a product, who would use or buy it, what problem it solves, and an estimated cost of making one.
Safety	No pathogenic cultures, human or animal samples, live animals, open flames or hazardous chemicals. Where a living culture is needed, use safe material such as curd, yeast or soil.

What to submit

Model file (one PDF)	Page 1: title of the model, participant's name, year, subject and college. Then **3 to 6 clear photographs** of the model (front, side, close-up of the working part, and the participant with the model) and a write-up of **up to 300 words**: aim, scientific principle, materials used, and the learning value or, for a product, the intended user, use and estimated cost. Up to 10 MB.
Demonstration video	**Up to 5 minutes**, in English, in the participant's own voice: introduce the model, **show it working** and explain the science behind it. Face visible at the start; landscape, clear audio, one continuous recording, no background music. Only the first 5 minutes are judged.

Judging criteria	Marks
Scientific concept and accuracy	25
Demonstration: the model works, or shows the process clearly	20
Learning value, or usefulness and market potential	20
Creativity and originality	15
Workmanship and use of low-cost, eco-friendly materials	10
Explanation in the video	10
Total	**100**

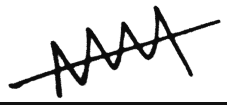
How to submit

1. Open **microbiolympiad.org/submit** and sign in with the **e-mail registered by your College Coordinator**; a 6-digit code is sent to that e-mail.
2. Enter the title of the model, and upload the **model file (PDF)** and the **demonstration video** (the page compresses the video automatically on the participant's device before uploading).
3. Last date: **18 December 2026** (the page closes at the end of the day). An entry can be replaced until then, unless it has already been sent to the judges.

General rules

1. Open to regular FY, SY, TY and PG students of Microbiology, Biotechnology, Biochemistry, Zoology, Botany and allied Life Sciences, registered for MicrobioModel by their College Coordinator for 2026–27 (fee ₹125 per participant; not refundable).
2. Entries are **individual**; one model per participant.
3. The model must be the participant's own original work, made for this edition. Copied, purchased or previously awarded models lead to disqualification. Photographs, write-up and video must be the participant's own; sources must be acknowledged.
4. Participants keep their model safely after submission; shortlisted participants may be asked to show it again, online or at the Grand Finale.
5. The decision of the panel of judges is final and binding. Top performers receive **medals and certificates**; every participant receives a **Certificate of Participation**. Results are announced on **microbiolympiad.org**.
6. The Organizing Committee may use entries, with credit to the participant, in the souvenir, website and publicity material. Product ideas remain the participant's own.

Heads of Departments and College Coordinators are requested to bring this notice to the attention of the registered participants. Participants may direct their queries to their College Coordinator.



Mr. Nachiket Atale
Organizing Secretary,
National Level MicrobiOlympiad
DockGenix LLP



Dr. Jayshree Bhuktar
National Level Convener
Head, Microbiology Department,
Government College of Arts and Science,
Chh. Sambhajinagar

Copy to:

1. Prof. Ulhas K. Patil, Founder, National Level MicrobiOlympiad, and Professor and Head, Department of Microbiology, The Institute of Science, Mumbai
2. Prof. Sandip Patil, Convener, MicrobioModel, Head, Microbiology Department, R. C. Patel Arts, Science and Commerce College, Shirpur
3. Official website (microbiolympiad.org), for information