



# Bhagwan Mahavir College of Science & Technology

[Managed by: Bhagwan Mahavir Education Foundation]



In collaboration with

## Under Graduate Association of Microbiology (UGAM)

Organizes

# $\mu$ -vision: 2019



[Inter Collegiate Competitions]

## 20<sup>th</sup> January 2019

**Venue:**

**Bhagwan Mahavir College of Science & Technology,**

Survey no. 149, BMEF Campus, B/H. e-sppace, Nr. VIP Road,

Bharthana-Vesu, Surat – 395003, Gujarat, India

## ABOUT UGAM

Under-Graduate Association of Microbiologist was established in the year 2013. The aim of this association was to create awareness and interest regarding microbiology and explore various idea and talent in students to convey the concept of microbiology in effective manner. As a part of this, every year UGAM in association with host institute (who offer microbiology at UG level) organises various competitions to fulfil the aims.

The whole ideas of UGAM is students centric and willing to make every young budding microbiologists to show their knowledge of microbiology in innovative manner.

## A GLANCE ONHOST INSTITUTE

Bhagwan Mahavir College of M.Sc. Biotechnology was established in 2007 with M.Sc. integrated Biotechnology course. In 2015, the name was changed to Bhagwan Mahavir College of Science & Technology to include various degree/diploma programs in postgraduate and undergraduate level under common title. At present **Bhagwan Mahavir College of Science & Technology** runs 03 Post graduate courses viz., **M.Sc. integrated Biotechnology, M.Sc. Organic Chemistry, Post graduate Diploma in Medical Laboratory Technology** and 03 undergraduate program viz., **B.Sc. Biotechnology, B.Sc. Chemistry** and **B.Sc. Microbiology**. All courses are running under affiliation of Veer Narmad South Gujarat University, Surat.

Bhagwan Mahavir College of Science & Technology, Surat is located in spacious campus of Bhagwan Mahavir Education Foundation at Bharthana-Vesu, Surat. The campus has well connectivity with all major centres of city through Sitalink bus transport and BRTS. The campus had amenities like canteen, Sports ground, Skating ring, separate boys & girls hostel, Parking area etc., The college is well equipped with required infrastructure including classroom with Projectors, Computer Laboratory, various laboratories having sophisticated instruments.

### **General Instructions:**

#### **Eligibility:**

1. Students of VNSGU affiliated colleges where Microbiology subject is taught as principal subject at under graduate level can participate in competition.
2. Students of VNSGU affiliated colleges where Microbiology subject is taught as subsidiary subject at under graduate level can participate in competition till he/she is having microbiology subject(s) as subsidiary one.
3. Participation strictly restricted to students (UGAM members) only.

### **Some important instructions for Participants:**

1. Participants & Non-participant students must bring their UGAM identity cards.
2. Certificates will be given to all the participants.
3. Students should strictly adhere to guidelines of respective competition. Violation will result in disqualifying from the event.
4. Last date for submission of entry by Participant College is **10/01/2019**.

### **Guidelines for Participating Colleges:**

- Participant College must send one name of teacher-in-charge with his/her contact details (Email and Cell number) with whom host institute will coordinate regarding said event.
- For any queries contact **Mr. Murtaza Hajoori (09825885218), Ms. Sweta Patel (09537061444) and Mr. Jaydip Jobanputra (09067704976)**.
- Entries should be sent through electronic mail on ID: [event.bmcst@bmfcolleges.edu.in](mailto:event.bmcst@bmfcolleges.edu.in).

### **Program Schedule:**

Registration & Refreshment	08:30 am to 09:45 am
Inauguration	10:00 am to 11:00 am
Competitions	11:00 am to 1:00 pm
Lunch	01:00 pm to 02:00 pm
Competitions	02:00 pm to 03:30 pm
Prize Distribution	03:30 pm to 04:30 pm

### **Attraction for non-Participants:**

1.  $\mu$ -Treasure Hunt Game.
2.  $\mu$ - Station.
3.  $\mu$ - Art Gallery.
4.  $\mu$ -Models.

Looking forward to your positive participation.

Dr. Sagar Desai  
(I/c Principal)  
M:9825127809

Mr. Murtaza Hajoori  
(HOD, Microbiology)  
M:9825885218

## Rules & Regulations

### F. Y. B. Sc.: Poster Competition [Team]

#### Topic: Role of Electron Microscope in Development of Microbiology (SEM & TEM):

[Description: Students should focus on “How use of electron microscope has impact on the development of microbiology”].

- Participants have to bring ready to hang poster on the day of event.
- Size of the poster must be 3 ft x 4 ft (Portrait/Landscape).
- Hand made posters shall be prepared by participants using colours / craft materials / colour papers etc.
- Flex printing is not allowed.
- Poster can be prepared in team. Each team can have maximum 5 participants.
- Maximum 3 entries of poster from each division of college.
- Participant should take care not to disclose their identity / college identity during event. (Do not mention name of participant as well as college name/logo on poster.)
- Any one participant in the team shall present poster to respective judges.

### S. Y. B. Sc.: Micro Model Competition [Team]

#### Topic: Structure of Virus (Any One):

- Participants have to bring hand made static model of any one viral structure using colours/ craft material / card paper or board. The same shall be put for assessment during event.
- Fabricated model of any material will not be considered for assessment.
- Do not mention name of participant as well as college name/logo on model.
- Any one participant in the team will be allowed to present a brief overview of model to the judges.
- Maximum 5 participants in team.
- Maximum 3 entries of model from each division of college.
- Time for model presentation: 3 min.

### T. Y. B. Sc.: Act of Microbes Competition [Team]

#### Topic: Microbial Interaction:

[Description: A brief mime act by a team of students to deliver concept of microbial interaction in real world]

- Maximum 8 participants in team.
- Maximum 2 entries for art of microbes from each division of college.
- Each team will be allowed to present a brief overview to the judges in the form of a write up before they start performance.
- No disclosure of identity of college or name.
- Maximum performance time allowed: 3 minutes.

### T. Y. B. Sc.: Micro-Quiz Competition [Team]

- Two participants per team.

- No restriction in entry for Quiz competition. Any number of participants can participate in a group of two.
- Questions shall be asked from reference books mentioned in Syllabus of Microbiology from Semester I to V.
- Host institute will not participate in quiz competition.
- Quiz competition will have 3 rounds:

**Round-1:**

-Elimination round of M. C. Qs.

-Any one participant of the team will appear for M. C. Qs.

**Round-2:**

-Top 6 teams at the end of Round-1 will participate in Round-2.

-It consists of sub-rounds like visual, questions & rapid fire.

**Round-3:**

-Top 3 teams at the end of Round-2 will participate in Round-3.

-It consists of sub-rounds like visual, questions & rapid fire.

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