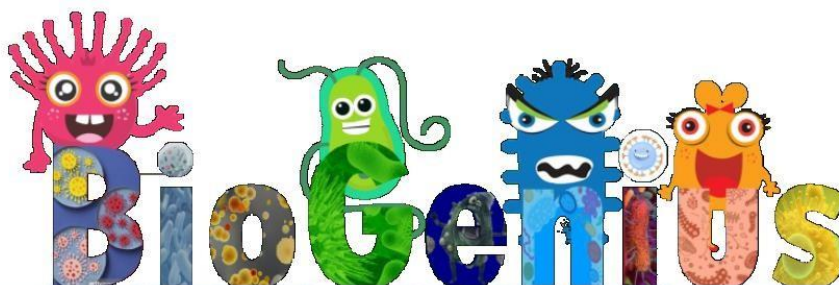


Event Report



A Celebration of International Microorganism Day

Wednesday, 17 September 2024

Organized by

Horizon Science Club, Mehsana Urban Institute of Sciences

Ganpat University, Gujarat, India

Sponsored by

Department of Scientific and Industrial Research (DSIR)

Government of India's TePP Outreach cum Cluster Innovation Centre (TOCIC)

Gujarat State Biotechnology Mission (GSBTM), Gandhinagar

In association with

Microbiologists Society India (MSI)

On 17 September 2024, the Horizon Science Club of Mehsana Urban Institute of Sciences (MUIS), Ganpat University organized BioGenius 2024, a vibrant celebration of International Microorganism Day. The event aimed to highlight the significance of microorganisms in various fields of science and life. Sponsored by the Department of Scientific and Industrial Research (DSIR) and the TePP Outreach cum Cluster Innovation Centre (TOCIC) under the Gujarat State Biotechnology Mission (GSBTM), this celebration served as a unique platform for students to explore the unseen world of microbes.

Under the coordination of **Dr. Dhaval Prajapati, Assistant Professor, Department of Microbiology**, and **Dr. Sucheta Karande, Coordinator of the Horizon Science Club** at Mehsana Urban Institute of Sciences, a scientific event has been initiated to promote innovation and knowledge-sharing. This event brings together students, researchers, and experts to explore advancements in microbiology through expert talks, and interactive activities. With a focus on enhancing practical skills and fostering a culture of research, the event represents a key step in advancing scientific inquiry within the institute, inspiring the next generation of scientists and innovators.

The day commenced with a series of individual and group competitions designed to engage participants and showcase their creativity and knowledge in the field of microbiology and life sciences. These competitions were aimed at fostering innovation and hands-on learning among students from various disciplines, including Microbiology, Biotechnology, and Life Sciences.

List of Competitions Organized:

- Individual Events:

- ✓  Agar Art - Art made using microbial cultures.
- ✓  SciToon - Scientific cartooning for visualizing science.
- ✓ Nature's Harmony (Poetry) - Poems inspired by nature and science.
- ✓  Food with Microbes - A creative exploration of food made with microbes.

- Group Events:

- ✓ BioStart-Up Idea (Poster Presentation) - Innovative startup ideas in the field of biosciences.
- ✓ BioModel - Biological model-making with a focus on microbiology.
- ✓ Art with Vegetables - Artistic creations using vegetables.
- ✓ MicroCineVision (Reels) - Short films or reels depicting microbiological concepts.

A vibrant scientific event, open to students from various science streams, saw enthusiastic participation from school, undergraduate, and postgraduate students specializing in Microbiology, Biotechnology, and Life Sciences. A total of 291 students competed, showcasing their talents in both individual and group events. Participants came from

prestigious institutions, including Dr. Indu Dayal Meshri College of Science and Technology, Gujarat Biotechnology University, Indian Institute of Teacher Education, Samarpan Science and Commerce College, and The Gandhinagar University. The event successfully fostered a spirit of innovation and collaboration, providing a platform for young minds to demonstrate their skills and knowledge in the life sciences.

The seminar portion of the event was enriched by two expert sessions, which provided deep insights into the world of innovation and microbiology:

Shri Hadmat Gadhavi, Manager of Business Development and Dy. Coordinator at DSIR-GSBTM-TOCIC, delivered an insightful session on the topic, "Why and How to Dive into the World of Innovation?" Shri Gadhavi's talk emphasized the importance of innovation and offered practical advice on how students can embrace creativity in their research and professional endeavors.

Dr. Satya P. Singh, UGC-BSR Faculty Fellow and Former Professor & Head, Dept. of Biosciences, Saurashtra University, enlightened the audience on "Microbiology Today: Innovations and Transforming Horizons". Dr. Singh spoke about the latest advancements in microbiology and how these innovations are transforming various sectors like healthcare, agriculture, and environmental science.

The event was graced by Dr. Gaurav Shah, the State President of Gujarat's Microbiologist Society and Coordinator of the Department of Biotechnology at Veer Narmad South Gujarat University, as the Guest of Honor. Dr. Shah delivered an inspiring ceremonial speech during the Valedictory Function.

The individual and group events saw exceptional creativity from students, who demonstrated their understanding of microbiology through art, models, and scientific concepts. The Agar Art and SciToon events were particularly popular, drawing attention to the imaginative and scientific prowess of the participants.

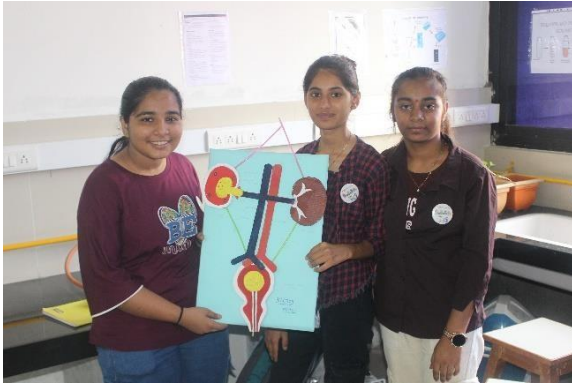
The seminars provided attendees with a deeper understanding of the current trends and challenges in the field of microbiology, as well as the importance of innovation in science.

The event concluded with the announcement of competition results, where the top three participants from each event were awarded for their outstanding performance. Every participant received a certificate of participation, adding to their academic achievements.

BioGenius 2024 was a resounding success, bringing together students, experts, and professionals to celebrate International Microorganism Day. The event provided a valuable platform for students to engage with the world of microbiology, explore new ideas, and gain inspiration for their future careers. The collaboration between Ganpat University, DSIR, and GSBTM made the event a memorable and impactful one for all who attended.

Photo Gallery







Operational Inefficiencies: When existing processes are outdated or inefficient.

Regulatory Changes: When new laws or regulations require adaptation.

Declining Performance: When sales or market share are decreasing.

New Opportunities: When there's potential to enter a new market or serve a new customer segment.



BROCHURE OF THE EVENT



Horizon Science Club *Celebrating* **International Microorganisms Day**

Sponsored by
DSIR-GSBTM-TOCIC Cell

17th September, 2024 (Tuesday)

EVENTS

Individual

Agar Art
SciToon (Biology Related)
Nature's Harmony
Food With Microbes
(Prepare food from Home)

Group

BioStart Up Idea (Poster)
BioModel
Art with vegetables
(Design, Painting)
MicroCineVision
(Biorelated Reels)

Registration Fee

₹150/- Students



Registration Link :

<https://bit.ly/GUNI-MUIS-BIOGENIUS-24>

For more Information

Dr. Dhaval Prajapati (94293 71139)

Dr. Sucheta Karande (99231 24449)

Who can Participate?

UG & PG Students of Microbiology, Biotechnology &
Other allied streams of Life Sciences

Expert Talk 1

Microbiology Today: Innovations and Transforming Horizons

Dr. Satya P. Singh

UGC- BSR Faculty Fellow (Former Professor & Head),
Dept. of Biosciences, Saurashtra University, Rajkot.

Expert Talk 2

Why and How to dive into the world of Innovation?

Shri Hadmat Gadhavi

Manager, Business Development and Dy. Coordinator
DSIR-GSBTM-TOCIC, Gujarat State Biotechnology Mission
Dept. of Science and Technology, Gujarat Government.

Key Features

- Registration is compulsory for each participant.
- One participant can only register for one event.
- The top three participants from all activities will receive awards.
- All participants will receive certificates

 www.guni.ac.in

DETAILS OF COMMITTEE FORMED



International Microorganisms Day

Event Convener		
1. Dr. Keyur Bhatt 3. Mr. Nehal Rami 5. Dr. Hardik Shah 2. Dr. Sucheta Karande 4. Dr. Priti Patel		
Committee	Coordinator and Committee members	Role and Responsibility
Event Coordinator	Dr. Dhaval Prajapati Dr. Sucheta Karande	Management and coordination of all events
Event Secretary	Dr. Sandesh Chibber Dr. Gayatri Patel	
Anchoring	Ms. Nikita Chavada Ms. Kinjalba Gohil Ms. Ushma Joshi Ms. Mili Shah	Anchoring & Stage management Manage require items for stage(Chair, Name plate etc.)
Registration	Dr. Gayatri Patel Ms. Roshani Chaudhary Ms. Dhwani Patel Ms. Harvi Patel + Research students and Student volunteer	Final Register candidate, Respond to register students via WhatsApp/ mail, Certificate Distribution,
Photography/ Media coverage	Dr. Ritesh Arya + Research students and Student volunteer	To capture live moments of events and activities.+ prepare reels of events.
Technical and IT Committee	Ms. Dipak Patel Dr. Savan Donga + Other research students and volunteer	To Manage the IT requirements during the event.
Display/ Decoration	Dr. Sucheta Karande Ms. Ushma Joshi Ms. Sejal Jadav Dr.Vishal Patel Dr. Savan Donga + Research students and Student volunteer	Decorate the floor +microbe's gallery+ Rangoli +Selfe corner
Printing	Dr. Hardik Shah Dr. Dhaval Prajapati	Prepare Brochure/ Banner and Invitation for the event, Prepare certificate and make it print, arrange Memento for Guest
Catering	Dr. Savan Donga Mr.Kinjalbhai Patel + Research students and Student volunteer	Finalize Caterine order, management of venue for breakfast and lunch

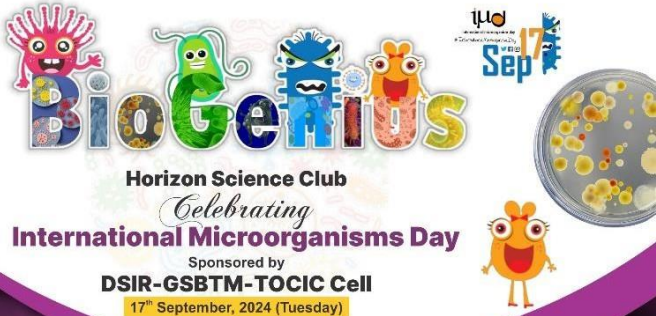
Activities coordinator

Committee	Coordinator and Committee members	Role and Responsibility
Individual		
Agar art	Dr. Vishal Patel Ms. Bhoomi Patel Ms. Mili Shah Ms. Harvi Patel + Research students and Student volunteer	✓ Arrangement diverse pigmented organisms. ✓ Identify the Venue, Collect the list from the Registration team before 3 days, and initiate the activity before 1 day.
SciToon (Biology Related)	Dr. Kruti Dave Ms. Kinjalba Gohil Ms. Komal Parmar + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day. ✓ Create serial no and code no for students
Nature's Harmony (Poetry)	Mr. Sagar Patel Dr. Sucheta Karande + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day.
Food With Microbes (Prepare food from Home)	Dr. Hardik Shah Ms. Dhawani Patel Ms. Swati Patel + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day.
Group		
Bio Startup Idea (Poster)	Dr. Sandesh Chhibber Ms. Mamta Prajapati Ms. Shruti Dave + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day.
BioModel (Biomolecules, Cell and cell process, Cell organelles, Parasites etc.)	Ms. Ushma Joshi Ms. Sejal Jadev Ms. Krupa Prajapati + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day
Art with vegetables (Design, Painting)	Ms. Roshani Chaudhary Ms. Madhavi Prajapati Ms. Dhruvi Patel + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day
MicroCineVision (Biorelated Reels)	Dr. Ritesh Arya Dr. Savan Donga Ms. Dimpal Patel + Research students and Student volunteer	✓ Identify the Venue and collect the list from the Registration team before one day



SEMINAR CREATIVES





Horizon Science Club
Celebrating
International Microorganisms Day
Sponsored by
DSIR-GSBTM-TOCIC Cell
17th September, 2024 (Tuesday)



Expert talk on
**Microbiology Today:
Innovations and Transforming Horizons**

Dr. Satya P. Singh
UGC-BSR Faculty Fellow and Former Professor & Head,
Dept. of Biosciences, Saurashtra University, Rajkot

17th September 2024 | 11.45 AM to 12.45 PM
Venue : Ganpat University Auditorium

For more Information
Dr. Dhaval Prajapati (94293 71139)
Dr. Sucheta Karande (99231 24449)

 **www.guni.ac.in**



Gujarat - India

 **Expert talk on**

**Why and How to
Dive into the World of
Innovation?"**



Shri Hadmat Gadhavi
Manager, Business Development and Dy.Coordinator
DSIR-GSBTM-TOCIC, Gujarat State Biotechnology Mission
Dept. of Science and Technology, GujaratGovernment.

17 September 2024
11.00 AM to 11.45 AM (IST)

For more Information
Dr. Dhaval Prajapati (94293 71139)
Dr. Sucheta Karande (99231 24449)

Venue : Ganpat University Auditorium

Register @ <https://bit.ly/GUNI-MUIS-BIOGENIUS-24>

 **www.guni.ac.in**

SAMPLE CERTIFICATES



This is to certify that

_____ from

_____ has actively participated in

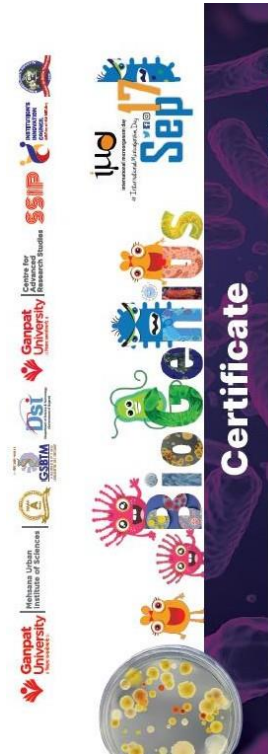
_____ at

BioGenius - 2024
A Celebration of International Microorganism Day
Organized by
Horizon Science Club, Mehanna Urban Institute of Sciences
Ganpat University, Gujarat, India
Sponsored by
Department of Scientific and Industrial Research (DSIR)
Government of India's TePP Outreach cum Cluster Innovation Centre (TOCIC)
Gujarat State Biotechnology Mission (GSBTM), Gandhinagar
on Tuesday, 17 September 2024.


Dr. Sucheta Karande
Coordinator
Horizon Science Club

Dr. Dhaval Prajapati
Coordinator
BioGenius - 2023

Dr. Keyur D. Bhatt
I/C Principal, GUNI-MUIS
Associate Dean-Research, FoS



This is to certify that

_____ from

_____ has secured _____ Rank in

_____ at

BioGenius - 2024
A Celebration of International Microorganism Day
Organized by
Horizon Science Club, Mehanna Urban Institute of Sciences
Ganpat University, Gujarat, India
Sponsored by
Department of Scientific and Industrial Research (DSIR)
Government of India's TePP Outreach cum Cluster Innovation Centre (TOCIC)
Gujarat State Biotechnology Mission (GSBTM), Gandhinagar
on Tuesday, 17 September 2024.


Dr. Keyur D. Bhatt
I/C Principal, GUNI-MUIS
Associate Dean-Research, FoS

Dr. Pratul Bharadia
Executive Dean, FoS and FoP
Ganpat University

Dr. Dhaval Prajapati
Coordinator
BioGenius-2024

Dr. Sucheta Karande
Coordinator
Horizon Science Club

Dr. Keyur Bhatt
I/C Principal, GUNI-MUIS
Associate Dean-Research, FoS