



MALLA REDDY UNIVERSITY

(Telangana State Private Universities Act No. 13 of 2020 &
G.O.Ms.No. 14, Higher Education (UE) Department)

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DEPARTMENT OF MICROBIOLOGY

EVENTS

S. No.	Title of the Event / Programme	Type of Event (FDP/Workshop/Seminar)	Dates of Event	Resource Person(s) & Affiliation
1	Inauguration Of Microbiology Society - Student Chapter	Seminar	06-12-2024	1. Dr. Aparna Srikantam, Dean, SOAHS- MRU.
2	Current trends in Epidemiology & Diagnosis of tropical diseases	FDP	24/ 04/ 2025	1. Dr. Aparna Srikantam, Dean, SOAHS- MRU. 2. Dr. Sundeep Chaitanya Vedithi, University of Cambridge, UK. 3. Dr. Suresh Munuswamy, Dean, School of Digital Health Sciences and Technologies, Malla Reddy Vishwavidyapeeth. 4. Dr. Sruthi Konduru, Research Associate, LRI Project.
3	World Microbiome Day	Seminar	28-06-2025	1. Dr. K. Arunasri (Dr. LV Prasad Eye Institute, Hyderabad). 2. Dr. Aparna Srikantam (Dean, SOAHS)



MicroVerse 2024 Expert talk – Basics of Biosafety and Infection control in

Clinical settings

Inauguration of Microbiology Society - Student Chapter

Title of the activity: **MicroVerse 2024 Expert talk – Basics of Biosafety and Infection control in Clinical settings**

Department/School: **Dept. of Microbiology, SOAHS, MRUH**

Time & Date: **09.30 AM to 3.00 PM; 06.12.2024**

Place: **Seminar Hall, Block –A, SOAHS**

Officials Present:

Speaker

Dr. S. Aparna

MBBS, MD, MBA

Dean, SOAHS

Dr. Mohd. Rafi

Dean, Physiotherapy, SOAHS

Brief Description

The Department of Microbiology at Malla Reddy University successfully conducted MicroVerse 2024, an event marking the inauguration of the Microbiologists Society Student Chapter, along with an expert talk and a scientific poster presentation. This event served as an engaging platform for students and faculty to explore advancements in microbiology, discuss biosafety measures, and showcase research innovations.

A key highlight of the event was the expert talk on “Basics of Biosafety and Infection Control in Clinical Settings” by Dr. S. Aparna (MBBS, MD, MBA). Her insightful session emphasized the importance of biosafety protocols, infection control measures, and best practices in clinical microbiology, equipping students with crucial knowledge for their future careers.

The scientific poster session provided an opportunity for students to present their research on various microbiological themes, fostering critical thinking, innovation, and academic collaboration. The participants actively engaged in discussions, and the best posters were recognized for their scientific merit and presentation skills.

The event witnessed enthusiastic participation from students and faculty, making it a resounding success. The Department of Microbiology extends its gratitude to all attendees, speakers, and organizers for their contributions in making MicroVerse 2024 an impactful and inspiring event.



SCHOOL OF ALLIED AND HEALTHCARE SCIENCES

MicroVerse 2024

- Microbiologist Society Student Chapter Inauguration
- Expert Talk
- Scientific Poster Session

Expert Talk : **"Basics of Biosafety and Infection control in Clinical settings"**

Organized by : Department of Microbiology



06-12-2024



9:30 AM



A Block. Seminar Hall, SOAHS, MRUH

Organisers

Dr. Praveen Reddy
Professor & HoD

Dr. S. Sreedevi
Professor

Dr.B. Bharathi
Asst. Prof.

SPEAKER



Dr. S. Aparna
MBBS, MD, MBA

CHIEF PATRON

Sri. Ch. Malla Reddy
Founder Chairman-MRUH

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President

Dr. Ch. Preethi Reddy
Director

Dr. V.S.K Reddy
Vice Chancellor, MRUH

Dr. S. Aparna
Dean, SOAHS, MRUH

Dr. Mohammed Rafi
Dean, Physiotherapy, SOAHS, MRUH







FACULTY DEVELOPMENT PROGRAMME (FDP)

Current Trends in Epidemiology and Diagnosis of Tropical Diseases

Title: Current Trends in Epidemiology and Diagnosis of Tropical Diseases

Organized by: School of Allied and Healthcare Sciences, Malla Reddy University

In Collaboration with: LEPR - Blue Peter Public Health and Research Centre

Date: 24.04.2025

Venue: Auditorium, 4th Floor, Main Building, Malla Reddy University Campus, Hyderabad

School of Allied and Healthcare Sciences (SOAHS) at Malla Reddy University organized a one-day Faculty Development Programme (FDP) aimed at sensitizing faculty members, health professionals, and researchers on the current trends, diagnostic advancements, and research opportunities in the area of tropical diseases, with a focus on Neglected Tropical Diseases (NTDs). The event witnessed an enthusiastic turnout, with over 100 faculty members from SOAHS and an additional 60 faculty and researchers from various institutions like National PG College, Lucknow, Bhavan's Sri Ramakrishna Vidyalaya, MNR P.G College, Anwarul Uloom College, Indira Priyadarshini Government College For Women, Dr. NTR University, Vijayawada, Sri Seven Hills College & School Of Nursing, NTR Govt. Degree College For Women, Mahabubnagar, Malla Reddy Institute of Pharmacy etc. in attendance.

Objectives of the FDP

The main objectives of this FDP were:

- To raise awareness about the burden and significance of NTDs in India and globally.
- To update faculty and researchers about the latest advancements in molecular diagnostics for tropical diseases.
- To discuss the role of digital health technologies in tropical disease management.
- To explore opportunities for integrating these themes into academic curricula and fostering interdisciplinary research.
- To encourage active participation of educators and public health professionals in the national and global fight against NTDs.

Programme Schedule Overview

The event began with registration at 9:30 AM, followed by a formal inauguration ceremony.

Welcome Address by Dr. S. Aparna, Dean, SOAHS, highlighted the importance of academic involvement in public health initiatives. Inaugural Address by Dr. V.S.K. Reddy, Vice-Chancellor, MRUH, emphasized the university's commitment to promoting health education and translational research. Special Address by Dr. S. Sudheer Kumar, Registrar, MRUH, focused on institutional support for research and innovation in healthcare. Keynote Address by Dr. Ch. Preeti Reddy, Vice-

Chairman, Malla Reddy Viswavidyapeeth and Malla Reddy Health City, underscored the institutional vision for addressing regional and global healthcare challenges.

Technical Sessions

Session 1: Global and Indian Scenario of Tropical Diseases

Speaker: *Dr. Aparna Srikantam*, Dean, SOAHS, Malla Reddy University
This session provided an insightful overview of the epidemiology and burden of tropical diseases across different regions. The speaker emphasized the disparity in health outcomes and the challenges in implementing control measures in resource-limited settings. Case studies from India and global data helped contextualize the need for region-specific strategies.

Session 2: Recent Advances in Molecular Diagnosis of Neglected Tropical Diseases

Speaker: *Dr. Sundeep Chaitanya Vedithi*, University of Cambridge, UK
The session highlighted the transformation in diagnostic capabilities brought about by molecular biology. Dr. Vedithi shared insights into gene sequencing, PCR-based detection techniques, CRISPR tools, and the role of point-of-care diagnostics in identifying diseases that were previously difficult to confirm due to the lack of culture methods.

Session 3: Digital Health Applications in Tropical Diseases

Speaker: *Dr. Suresh Munuswamy*, Dean, School of Digital Health Sciences and Technologies
This session explored the convergence of technology and healthcare. Topics included mobile health (mHealth) tools, AI-driven disease surveillance, telemedicine, and the integration of big data for epidemic forecasting and resource allocation in tropical disease-endemic regions.

Demonstration Sessions

Demonstration 1: Relevance of WASH in NTDs

By: *Dr. Sruthi Konduru*, Research Associate, LRI Project
This practical demonstration underlined the critical role of water, sanitation, and hygiene in preventing the spread of tropical diseases. Dr. Konduru presented case studies and simple intervention models that could be replicated in community health programs.

Demonstration 2: Biomeme – Molecular Diagnostic Platform

This session introduced attendees to portable, easy-to-use molecular diagnostic tools capable of operating in remote or low-infrastructure environments. These tools exemplify the shift toward accessible, point-of-care testing for early detection and control of NTDs.

The Valedictory Session included the distribution of participation certificates and words of encouragement from the organizing team. It was followed by a networking session and high tea, allowing participants to exchange ideas, build professional networks, and discuss collaborative research opportunities.

The FDP on Current Trends in Epidemiology and Diagnosis of Tropical Diseases was a timely and impactful initiative. It successfully brought together educators, researchers, and public health professionals to engage in a critical conversation about one of the most overlooked areas of global health. Participants left with enhanced awareness, practical insights, and a renewed commitment to advancing the fight against tropical diseases through research, education, and innovation. By the end of the FDP, participants left with renewed awareness, actionable insights, and a commitment to contribute to the broader mission of tropical disease control and elimination.

SCHOOL OF ALLIED AND HEALTHCARE SCIENCES

Organizes

FACULTY DEVELOPMENT PROGRAMME (FDP)



CURRENT TRENDS IN EPIDEMIOLOGY & DIAGNOSIS OF TROPICAL DISEASES

Date: 24.04.2025

Time : 9:30 am - 3:30 pm

Venue: Auditorium, 4th Floor, Main Block, MRUH

in collaboration with

LEPRA Society, Blue Peter Public Health & Research Centre, Hyderabad

(Under the Collaborative research project funded by Leprosy Research Initiative (LRI), Netherlands)

Chief Guest



Sri. CH. Malla Reddy
 Founder Chairman
 MRGI

Guest of Honour



Dr. VSK Reddy
 Vice Chancellor
 MRUH

Keynote Speaker



Dr. Ch. Preeti Reddy
 MBBS, MD, Vice-Chairman
 Malla Reddy Viswavidyapeeth
 Malla Reddy Health City

Distinguished Speakers



Dr. Sundeep Chaitanya Vedithi
 Senior Research Associate
 University of Cambridge, U.K.
 Senior Director of Research &
 Innovation at Hope Rises
 International, USA.



Dr. Aparna Srikantam
 Dean, SOAHS
 Malla Reddy University
 Hyderabad



Dr. Suresh Munuswamy
 Dean,
 School of Digital Health Sciences
 and Technologies
 Malla Reddy Viswavidyapeeth
 Hyderabad

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Dr. CH. Bhadra Reddy
 President

ADVISORS

Dr. VSK Reddy
 Vice Chancellor

Dr. S. Sudheer Kumar
 Registrar

CONVENER

Dr. S. Aparna
 Dean - SOAHS

CO-CONVENER

Dr. MD. Rafi
 Dean - Physiotherapy

ORGANIZING SECRETARY

Dr. S. Sreedevi
 Professor
 Dept. of Microbiology SOAHS

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World Microbiome Day - 2025

Title of the activity: **World Microbiome Day – 2025**

Department/School: **SOAHS**

Time & Date: **28.06.2025; 10 AM – 3.30 PM**

Venue: School of Allied & Healthcare Sciences, Malla Reddy University, Hyderabad. **Officials**

Present:

Dr. S. Aparna

Dean, SOAHS

Dr. Mohd Rafi

Dean, Physiotherapy, SOAHS

Dr. K. Arunasri

Research Scientist

LV Prasad Eye Institute

Brief Description

The School of Allied & Healthcare Sciences conducted World Microbiome Day on June 28, 2025, at Seminar Hall, Block A, SoAHS, Malla Reddy University, focusing on the theme "The Human Microbiome: A New Frontier in Health and Disease." This event aimed to honor the invisible world within and around us—the microbiome—highlighting its vital role in gut health, disease prevention, nutrition, and environmental sustainability.

The program commenced with inaugural remarks by university dignitaries. Invited talks featured Dr. K. Arunasri, Research Scientist at LV Prasad Eye Institute and Dr. Aparna Srikantam, Dean, SOAHS, Malla Reddy University. These experts addressed recent advances in microbiome research, with particular emphasis on its implications for clinical health, immunity, and lifestyle-related diseases.

In addition to expert talks, the event engaged participants through interactive sessions and awareness activities centered on microbiome diversity, its influence on human health, and ecosystem balance. Attendees were encouraged to consider the importance of maintaining a healthy microbiome through informed lifestyle choices.

At 1:30 pm, a poster presentation competition was held, providing students and researchers an opportunity to showcase recent findings, promote scientific curiosity, and encourage collaborative learning.



SCHOOL OF ALLIED AND HEALTHCARE SCIENCES

WORLD MICROBIOME DAY

The Human Microbiome: A New Frontier in Health and Disease

28th June, 2025

Venue: Seminar Hall, Block A, SoAHS

Invited Talks: 10 am - 11 am



Dr. K. Arunasri
Research Scientist,
LV Prasad Eye Institute

11 am - 12 pm



Dr. Aparna Srikantam
Dean, SOAHS
Malla Reddy University

1:30 pm: Poster presentation Competitions

Dr. V.S.K Reddy
Vice Chancellor, MRUH

Dr. S. Sudheer Kumar
Registrar, MRUH

Dr. S. Aparna
Dean, SOAHS, MRUH

Dr. Mohammed Rafi
Dean, Physiotherapy, SOAHS,

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Department of Microbiology

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