

# ORGANIZERS

## CHAIRPERSON

**Rup Lal**

(INSA Senior Scientist,  
Acharya Narendra Dev College, University of Delhi),  
Co-Chair, IMiLI-SAC;  
Ambassador FEMS & ISME;  
President INSCR)

**Kenneth Timmis** (Chair, IMiLI)

## PATRON

**Hem Chand Jain**

(Principal, DDUC, DU)

## COORDINATOR, DBT STAR COLLEGE PROGRAM

**Manoj Saxena** (DDUC, DU)

## COORDINATORS

**Shailly Anand** (DDUC, DU)

**Renu Solanki** (DDUC, DU)

## OUR COLLABORATORS

**Monisha Khanna Kapur, Seema Makhija** (ANDC, DU)

**A. Archana** (SSN College, DU)

**Rekha Kumari** (Miranda House, DU)

**Parminder Kaur** (SGTB Khalsa College, DU)

**Charu D Rawat, Helianthous Verma** (Ramjas College, DU)

**Utkarsh Sood** (Kirori Mal College, DU)

**Princy Hira** (Maitreyi College, DU)

**Jasvinder Kaur** (Gargi College, DU)

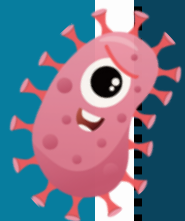
**Aeshna Nigam, Ankita Dua** (Shivaji College, DU)

**Kiran Bala, Jaya Malhotra** (Deshbandhu College, DU)

**Ajaib Singh, Anjali Saxena** (BCAS, DU)

**Pushplata** (Dept. of Zoology, DU)

**Roshan Kumar** (Magadh University)



FOR REGISTRATION

(Scan the Code)



Organized by

DEPARTMENT OF ZOOLOGY  
DEEN DAYAL UPADHYAYA COLLEGE

(University of Delhi)

under the aegis of Synapses,  
DBT Star College Program &  
Science Foundation

and  
in association with

INDIAN NETWORK FOR SOIL  
CONTAMINATION RESEARCH (INSCR)  
FEDERATION OF EUROPEAN  
MICROBIOLOGICAL SOCIETIES (FEMS)  
INTERNATIONAL SOCIETY FOR  
MICROBIAL ECOLOGY (ISME)



DEPARTMENT OF ZOOLOGY  
DEEN DAYAL UPADHYAYA COLLEGE  
with its Academic-Industry Collaborator  
PhiXgen Pvt. Ltd. and under

International Microbiology Literacy  
Initiative - South Asian Centre  
(IMiLI-SAC)



*Celebrates*

International Microorganism Day

**MICROSPHERE 4.0**

AN INTERNATIONAL  
MICROBIAL LITERACY  
PROGRAM

**17-18th September, 2024**

AN INITIATIVE TO PROMOTE  
MICROBIAL LITERACY &  
CELEBRATING THE DIVERSITY &  
WIDE APPLICATIONS OF MICROBES

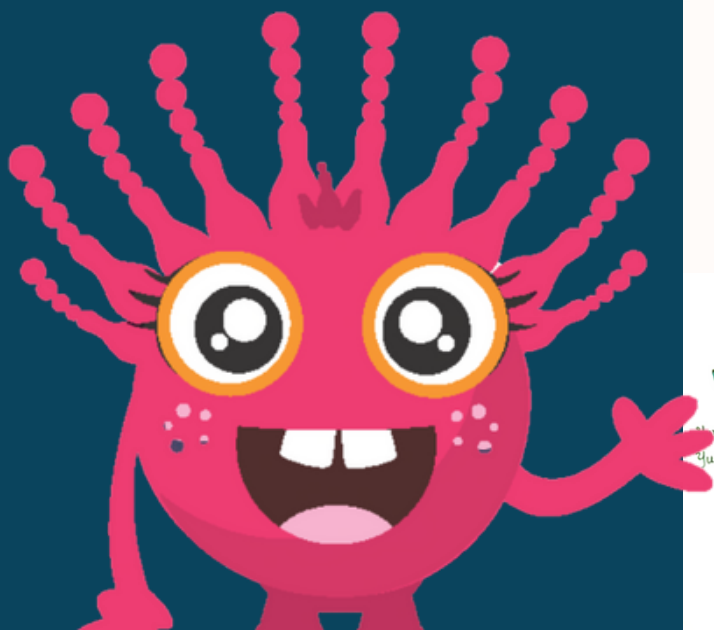


## EXECUTIVE ADVISORS:

RAVI TOTEJA (PRINCIPAL, ANDC, DU)  
SUKANYA LAL (RETD. RAMJAS COLLEGE, DU)

## ORGANIZING COMMITTEE:

ANITA GULATI (DDUC, DU)  
LATHIKA NAIR (DDUC, DU)  
ROSHAN KUMAR (MAGADH UNIVERSITY)  
OM PRAKASH (NCMR - NCCS)  
NITISH KUMAR MAHATO (KOLHAN UNIV., JHARKHAND)  
CHARU TRIPATHI (ALLAHABAD UNIVERSITY)  
SHEKHAR (DESHBANDHU COLLEGE, DU)  
NIRJARA SINGHVI (DEV BHOOMI UTTARAKHAND UNIV.)  
NIDHI GARG (SHIVAJI COLLEGE, DU)  
VATSALA DWIVEDI (DYAL SINGH COLLEGE, DU)  
S. TRIPATHI (DDUC, DU)  
RAJKUMARI S. DEVI (DDUC, DU)  
ANUJA SONI (DDUC, DU)  
SUJATA KHATRI (DDUC, DU)  
POONAM GARG (DDUC, DU)  
MAHAVEER (DDUC, DU)  
CHETNA ANGRISH (DDUC, DU)  
NEERAJ TYAGI (DDUC, DU)  
AVNINDRA KUMAR SINGH (DDUC, DU)  
MAMTA AMOL WAGH (DDUC, DU)  
GUDDU KUMAR (DDUC, DU)  
PARIKHA MONGA (DDUC, DU)  
ANJALI (DDUC, DU)  
ROHIT JAMWAL (DDUC, DU)  
ANU BALA (DDUC, DU)  
JAI KUMAR (DDUC, DU)  
VINAY SINGH DAGAR (DDUC, DU)



## SCHEDULE OF EVENTS

### 17th September 2024:

#### • MICRO-MAESTROS

(Convenors: Dr. Anjali & Dr. Rohit Jamwal)

(Personifying the Microbes)

Link: <https://forms.gle/cB4Nw8GPkqVArR1A9>

#### Instructions:

1. One team can have two students.
2. Teams are allowed across the departments and colleges
3. Participants have to bring the crayons, pencil colors or sketch colors. Sheets will be provided by the organisers.
4. Team has to select one micro-organism and on the basis of all of its aspects, personification needs to be done.

#### • SLOGAN WRITING COMPETITION

(Convenors: Dr. Guddu Kumar & Dr. Parikha Monga)

Link: <https://forms.gle/8KmMmvZKxFXAZyBs8>

#### • MICROQUIZ

(Convenors: Dr. Anu Bala)

For UG & PG Students

Link: <https://forms.gle/tu4cp35sVR7oNB0p8>

\*Certificate of Participation will be given to all participants & Certificate of Appreciation will be provided to top scorers/ winners

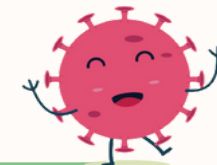
REPORTING TIME: 11:30 A.M.,  
DEPARTMENT OF ZOOLOGY, DDUC, DU  
EVENTS WILL COMMENCE FROM 12:00 NOON



### 18th September 2024:



Invited Talk  
Prof. Rup Lal



“International Microbial Literacy Initiative – South Asian Center: Fostering India’s Prosperity (Viksit Bharat Vision) through Health, Environment, and Peace”

TIME: 1:00 P.M.

VENUE: Seminar Room (ROOM No. 212)

CONVENORS: Dr. Jai Kumar &  
Dr. Vinay S Dagar

PRIZES  
WORTH  
Rs. 8K



## About IMiLI

### IMiLI CHIEF AMBASSADOR

**PROF. KENNETH TIMMIS**  
Institute of Microbiology,  
Technical University,  
Braunschweig, Germany

### IMiLI - AMBASSADOR (INDIA):

**PROF. RUP LAL**  
INSA Senior Scientist,  
Acharya Narendra Dev  
College, University of Delhi  
New Delhi, India

Microbes touch our lives in so many ways & they play key roles in a wide range of current crises faced by humanity, and of sustainability issues and in efforts to attain the Sustainability Development Goals. In order to be equipped to take crucial evidence-based decisions, we and all other decision takers need to understand the microbiological impacts on the issues at stake: there is an urgent need for microbiology literacy in society

(<https://sfamjournals.onlinelibrary.wiley.com/doi/epdf/10.1111/1462-2920.14611>).

The International Microbiology Literacy Initiative was launched with the aim of enabling and promoting microbiology literacy by creating and making freely available a unique set of resources for the teaching of selected microbiology topics to children to enable them develop into adults able to understand microbiology-impacted issues with which they are confronted, to take evidence-based decisions that affect them, their families and their communities, and to be able to fulfil their role as stakeholders in the collective stewardship of our planet. The current COVID-19 pandemic and extreme weather events due to global warming add urgency to the need for societal need for an understanding of relevant microbiology.

The centrepiece of the IMiLI is the curriculum The Topic Frameworks (TFs) series, a freely adaptable selection of generic lessons that can be adapted by teachers for children of all ages in diverse educational settings and for different teaching objectives. TFs are essentially stand-alone (i.e. can be mixed and matched at will by teachers to align with their teaching goals/interests), and do not need to follow a set sequence or depend upon prior TF-acquired knowledge. More than 300 such TFs each on a distinct microbiology aspect shall soon be made freely available for all.

The TFs will be supported by TF-specific class experiments, such as making bread, sourdough, pizza, yoghurt, and so on, to allow physical engagement with microbes and immerse the children in microbial activities.

## INTERNATIONAL MICROORGANISM DAY

September 17th is celebrated as the International Microorganism Day since 2017 to commemorate the milestone year of 1683 when Anton van Leeuwenhoek for the first time wrote a letter to Britain's Royal Society describing the "animalcules" which he had observed under the microscope as the first known description of bacteria.

Let us all take this day as an opportunity to raise awareness towards the significant contribution of microorganisms in our lives especially in the present times when a virus has made the world look them even more negative. These invisible ones are mightier than one can imagine and hence its the time to make everyone aware. Microbial Literacy in the society is the need of the hour if we dream a sustainable future.

### WHO CAN ATTEND

School students, Undergraduates, Post-graduates, Research Scholars, School Teachers, College Teachers, Researchers, Parents, Family - Our Society

### HOW CAN YOU REGISTER

- No Registration Fee
- Fill out the Registration Form:  
<https://forms.gle/5NWKhrhM7xLe6Z5Q8>



**Get in touch**  
shailly.anand@ddu.du.ac.in