

# Microbiologist Society, India (MBSI), Rajasthan

## Annual Report 2024-25 of University of Kota, Kota

### 1. Celebrated Plantation Day on 5th Aug :

The students and faculties of Department of Microbiology, UoK Kota took initiative to enhance the greenery of the campus to overcome the temperature rising issues in the summer and to protect environment by the plantation of plants of several varieties. The event was organized on 5<sup>th</sup> August, 2024 and Prof. Rakesh Chandra Agarwal (President, Hadoti Cow Seva Sansthan, and Kota) was the main guest of the programme.

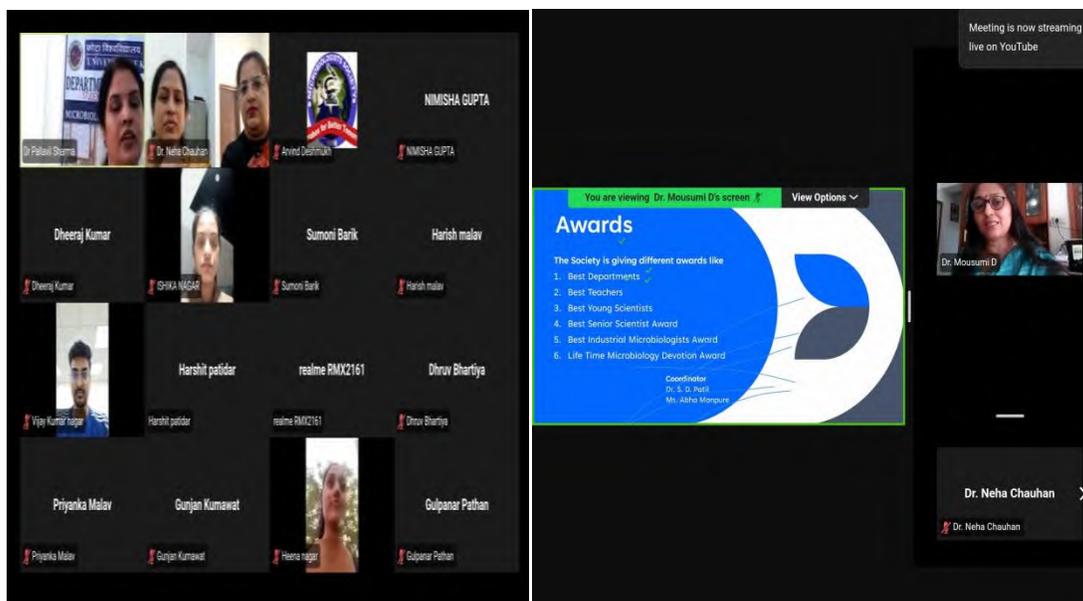


### 2. Organized One day Workshop on Basic Design & Working of Fermenter

(10th Aug.2024) : The event was organized by the Department of Microbiology, in collaboration with MBSI at Aryabhata Bhawan, University of Kota on 10<sup>th</sup> August, 2024. as a resource person Dr. Pallavi Sharma explained and demonstrated the working methods of Biofermenter and also brief the applications of this equipment in the various industrial product production.



The department of Microbiology, University of Kota, Kota organized "Students Introduction Programme" in Collaboration with Microbiologists Society India on 23rd November 2024 for the students of Life Sciences of Rajasthan. The programme was organized in an order of lectures of Dr. Mousumi Debnath about the MBSI Society, Prof. Prashant Wakte on Importance of Microbiology; Prof. AM Deshmukh highlighted the Career and Job Opportunities while Dr. Pallavi Sharma gave brief about the recent innovations and Startup ideas. The program was successfully conducted and more than 150 students participated in the event.



**3. Organized Scientific Rangoli Competition (18th Dec.2024):** This event was organized by the department on 18 December 2024 in which students from various institutions of Kota participated enthusiastically. Prof. Vandana Sharma, Dr. Mridula Khandelwal and Mr. J.P. Bhardwaj played the role of judges to judge the talent of students for Rangoli making based on the theme of scientific research. Participation of other MBSI entries – CPU, MBPG BVPC MIMT.



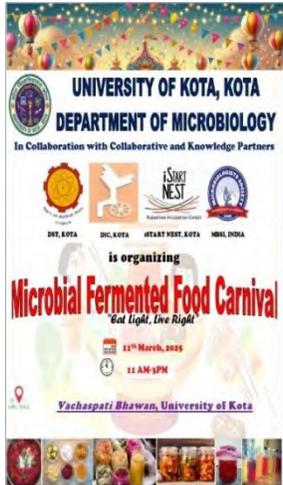
#### **4.Seminar on Advance Training , Research & Internship opportunities & facilities (20th Dec.2024):**

One day Seminar on Advance Training, Research and Internship Opportunities and Facilities at DNA LABS CRIS was organized by the Department of Microbiology in collaboration with Microbiologists Society, India and in Association with DNA Labs-CRIS Dehradun, Uttarakhand on 20<sup>th</sup> December, 2024. Dr. Narotam Sharma (Scientist and Head, DNA Labs-CRIS) delivered a lecture on “Advancement and Entrepreneurship in Biosciences” and Dr. Ankita Singh (Jr. Scientist and Quality Manager, DNA Labs-CRIS) explains about the facilities and instruments available at the DNA Labs-CRIS and their demonstration.



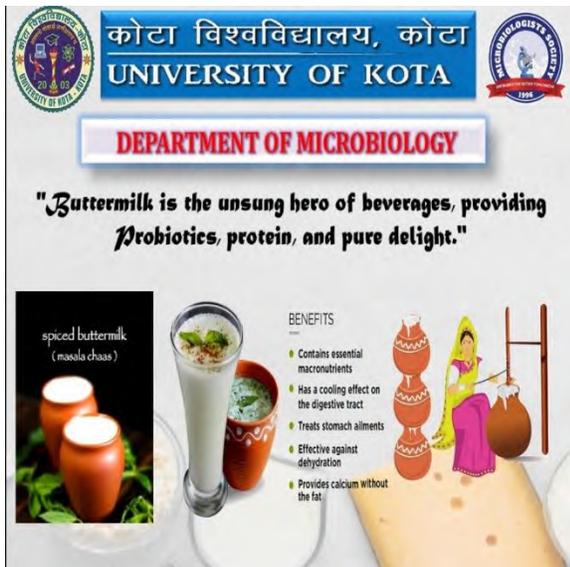
#### **5. Microbial Fermented Food Carnival 11th March 2025:**

Department of Microbiology organized Microbial Fermented Food Carnival on 11th March 2025. The Best Student of the Year Awards (MBSI) for the academic session 2023-24 was given to the students of Microbiology Dept., Dept. of Botany, Dept. of Biotechnology, University of Kota, student of MIMT Kota in the inaugural ceremony of Microbial Fermented Food Carnival. The Prizes were distributed by the Honorable Vice Chancellor, University of Kota, Prof. Kailash Sodani Sir, Prof Reena Dadhich ma'am, Mr. Vikas Sharma (DST, GOI Kota), and Mr. Hariom Sharma GM, DIC, Kota and the members of iStart Nest Kota.



### 6. Drink Buttermilk campaign:

Department of Microbiology, UoK, KOTA in Collaboration with Microbiologists Society, India promotes the campaign on “Drink Butter milk” on the world health Day. The Buttermilk is Healthy and full of nutrition as compared to other beverages available in the market.



## Programmes organized by other Rajasthan State MBSI coordinators

1. Lecture delivered on entrepreneurship in the field of Microbiology organized by Coordinator MBSI Dr. Hemraj Chhipa, College of Horticulture and Forestry, Kota Agriculture University, on 6th August 2024.



2. Microbial art competition organized by Coordinator MBSI Dr. Jaya Mathur Lachoo Memorial College of Science and Technology, Jodhpur Dept of Life sciences (Botany & Biotechnology) on 24th September 2024.



3. Event organized for school students aligning to SDG goals on 3rd December by Coordinator MBSI Dr. Mousumi Debnath Department of Bioscience Manipal University of Jaipur, Jaipur.



#### 4. Collage making Competition (31st January 2025):

Maa Bharati Post Graduate College, Kota organized Collage making competition on Biodiversity and Conservation in collaboration with Microbiologists Society, India. on 31st January 2025. In the event a lecture was delivered by Dr. Pallavi Sharma (Rajasthan state President, MBSI) and MBSI Students Unit was constituted,



#### 6. Calendar distribution:

1. MBSI Calendar distributed on 28th December by Microbiology Department of Kota University.



2. **MBSI calendar distribution by Dr. Gunnjeet Kaur, Coordinator MBSI, career point institute.**



3. **The MBSI calendar was distribution to Principal MBPGC Dr. Shweta Saxena and MBSI Coordinator.**



**Best student Award Distribution:**

**1. Best Student Award Distribution Dr. Nivedita Sharma Coordinator MBSI in Maa Bharati Post Graduate College, Kota. on 31st January 2025. Best student awards and certificates were awarded by Dr. Pallavi Sharma (Rajasthan state President, MBSI)**



**2. Best Student Award Distribution Dr. Rupal Sengar Coordinator, MBSI, Bharat Vikas Parishad Paramedical institute on 23 March 2025. The event also introduced the student unit of MBSI by Chief guest Dr. Pallavi Sharma.**



3. **Best Student Award Distribution Dr. Gunnjeet Kaur, Coordinator MBSI,CPU, Rajasthan,** and the Honorable Vice Chancellor on International Conference on "Pioneering Research, Innovation, and Development in Pharmaceuticals, Biomedical & Life Sciences, Management, and Technology" organized by Career Point School of Pharmacy, Career Point University on 21 and 22 Feb 2025.



4. **Best Student Award Distribution Dr Jaya Mathur Coordinator MBSI,Dept of Life sciences (Botany & Biotechnology) Lachoo Memorial College of Science and Technology, Jodhpur**



5. **Best Student Award Distribution** Dr. Aziz Mohammad Khan Coordinator MBSI ,Department of food and Biotechnology, Jayoti Vidyapeeth women's University Jaipur



**Annual Report (2024-2025) of MLS University Udaipur**

**Coordinator:** Dr. Namita Ashish Singh, Mohanlal Sukhadia University, Udaipur, Rajasthan (letter no.2024-25/MBSC/RJ/02 Dated 22.06.2024)

It was nice experience to work with Pallavi Sharma ma'am under the leadership of Prof. Arvind Deshmukh Sir. During my tenure (July 2024 to May 2025), I have done following activities under the banner of MBSI for the promotion of subject and society:

**1) Organized a workshop on the occasion of International Microorganism Day**

Department of Microbiology & Biotechnology, Mohanlal Sukhadia University, Udaipur has organized a workshop on "Basic Microbial Techniques" on the occasion of International Microorganism Day in association with Microbiologists Society India (MSI) on September 17, 2024. Microbiology is an ever-growing field and expertise in basic microbiological techniques provides an edge to the student. In this workshop B.Sc. students of Guru Nanak Girls' P.G. College, Udaipur have learned the basic microbial techniques i.e. gram staining, streaking,

antibiotic susceptibility and PCR amplification. This training not only created interest to study Microbiology in a student, but also impart skill and confidence to handle microorganisms



## 2) JNV Mavli Visit to MLSU:

Organized a visit for school students of Jawahar Navodaya Vidyalaya, Mavli. The aim of this visit was to inculcate the knowledge of Microbiology to school students.



## 3) Microbiology Calendar distribution:

Microbiology Calendar was distributed to following members:

- HVC Prof. Sunita Mishra, Mohanlal Sukhadia University (MLSU)

- Dr. Harshada Joshi, Course director, Department of Biotech, MLSU (Life Member MBSI)
- Dr. Avinash Marwal, Department of Biotech, MLSU (Life Member MBSI)
- Dr. Nitish Rai, Department of Biotech, MLSU (Life Member MBSI)
- Dr. Namita Ashish Singh, Department of Microbiology, MLSU (Life Member MBSI)
- Dr. Devendra Jain, Department of Molecular biology & Biotechnology, ICAR-MPUAT, Udaipur
- Dr. Vinod Saharan, Head, Department of Molecular biology & Biotechnology, ICAR-MPUAT, Udaipur
- Dr. Kamlesh Meena, Department of Dairy & Food Microbiology, ICAR-MPUAT, Udaipur
- Dr. Girima Nagda, Department of Zoology, MLSU
- Dr. Tripta Jain, Department of Botany, MLSU
- Dr. Smita, Dantiwada University, Sardar Kurshidnagar, Gujarat



### 5) Promotion of MBSI in Banasthali Vidyapith:

During my visit to Banasthali, I had the interaction with Prof. Dipjyoti Chakraborty, HOD, Bioscience & Biotechnology. Prof. Chakraborty was interested in opening student unit of MBSI at Bansthali Vidyapith, Bansthali.

