

Department of Microbiology, School of Life Sciences, Mysuru  
JSS Academy of Higher Education & Research  
(Deemed to be University)  
Accredited "A++" Grade by NAAC



## Public Awareness on Food Safety and Tuberculosis, and Hygiene Promotion among School Children (NSS Extension Activity)

Integrated Community and School Outreach on Food Safety, Tuberculosis Awareness, and Hygiene Practices

Date: 6th March 2025

Venue: Koodanahalli, Mysore District

Organized by: Dr. Umamaheshwari S

Assisting Faculty: Dr. Sunita C. Mesta

As part of National Service Scheme (NSS) extension activities, an outreach program was conducted in Koodanahalli village to promote awareness on food safety and public health. The program also included a focused session for government middle school students to encourage hygiene and healthy lifestyle practices.

### Focus of the Program

- Food spoilage and preservation techniques
- Tuberculosis (TB) awareness and prevention
- Hygiene and healthy practices among school children
- Demonstration of microorganisms

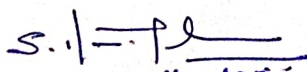
### Conduct of Activities

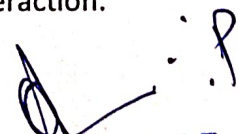
The program included both community-based and school-level awareness sessions.


At the community level, awareness on food spoilage and preservation was provided, explaining the role of microorganisms in food deterioration. Factors such as environmental exposure, improper handling, and contamination were discussed, along with simple preservation methods to ensure food safety.

Tuberculosis (TB) awareness was also provided, covering its transmission, prevention, and treatment. Emphasis was given to adherence to treatment under the Directly Observed Treatment, Short-course (DOTS) program and the importance of early diagnosis.

Student volunteers actively participated in reaching out to the public, assisting in demonstrations and facilitating interaction.

  
UG Coordinator  
Dept. of Microbiology  
JSS AHER  
Mysuru-570 015

  
Dr. ASHWINI.P., M.Sc., M.Phil., Ph.D.  
Associate Professor & Coordinator  
Department of Microbiology  
JSS Academy of Higher Education & Research  
Sri Shivarathreeswara Nagar, Mysuru-570 015.

  
Head  
School of Life Sciences  
Mysuru

A separate session was conducted for government middle school students focusing on hygiene and healthy practices. Hand hygiene was taught through a poem in the regional language, making the session interactive and easy to understand.

Students were also introduced to microorganisms through microscope-based demonstrations. Samples showing fungal growth on bread and fruits, along with contaminated water collected from ponds and lakes, were presented to help students understand the presence of microorganisms in their surroundings.

### Outcome

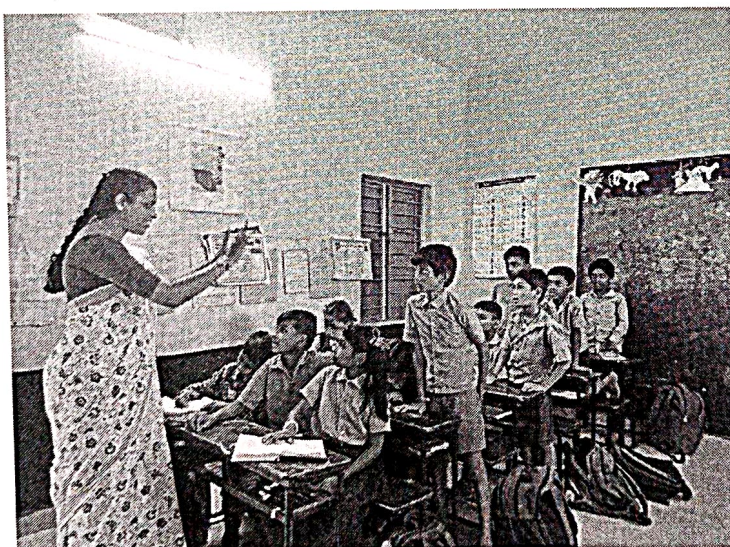
- Improved awareness of food safety and preservation practices
- Increased understanding of tuberculosis and its prevention
- Enhanced hygiene practices among school children
- Better awareness of microorganisms through practical demonstration

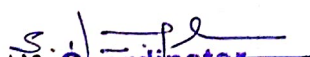
### Beneficiaries


Local residents of Koodanahalli village, government middle school students, NSS volunteers, and Microbiology students.


### Conclusion

The program was successfully organized and conducted, effectively creating awareness on food safety, tuberculosis, and hygiene practices. The initiative contributed to improving health awareness among both the community and school students.



  
UG Coordinator  
Dept. of Microbiology  
JSS AHER  
Mysuru-570 015

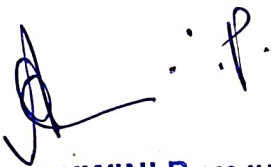
  
Dr. ASHWINI.P, M.Sc., M.Phil., Ph.D.  
Associate Professor & Coordinator  
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JSS Academy of Higher Education & Research  
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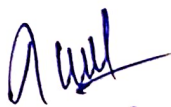
  
Head  
School of Life Sciences  
Mysuru



Koodanahalli, Karnataka, India  
6m4m+wjm, Koodanahalli, Karnataka 571311, India  
Lat 12.2073° Long 76.684166°  
06/03/25 03:26 PM GMT +05:30

  
**UG Coordinator**  
**Dept. of Microbiology**  
**JSS AHER**  
**Mysuru-570 015**

  
**Dr. ASHWINI.P**, M.Sc., M.Phil., Ph.D.  
**Associate Professor & Coordinator**  
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**Head**  
**School of Life Sciences**  
**Mysuru**