

## CIRCULAR

ARKA JAIN  
University  
JharkhandNOTICE  
SCHOOL OF NURSING

Ref. No: AJU/SON/135/25

Date: 07/07/2025

We are pleased to inform you that Five Days workshop on "Clinical Microbiology for Nursing" is being organized for the B.Sc. Nursing 3rd Semester students for academic session -2024-2025(batch -2023-2027) of School of Nursing, ARKA JAIN University. The details are mentioned below:

- **Date:** From 15<sup>th</sup> July 2025 to 19<sup>th</sup> July 2025
- **Venue:** Block-B (Biotech Lab), (School of Pharmacy).
- **External Resource person:** Dr. Santosh Kumar Singh, Associate Professor & Head of Department, Bio-Technology
- **Internal Resource person:** Mr Rohit Paul Lakra (Nursing Tutor).

**Learning Outcome:** On completion of the workshop, the students will be able to:

- Identify the ubiquity and diversity of microorganism in the human body and the environment.
- Classify and explain the morphology and growth of microbes.
- Identify various types of micro-organisms.
- Explore mechanism by which microorganism causes disease.
- Develop understanding of how the human immune system counteracts infection by the specific and non-specific mechanisms.
- Apply the principle of preparation and use of vaccines in immunization.
- Identify the contribution of the microbiologist and the microbiology laboratory to the diagnosis of infection.

This 5-day workshop aims to enhance student's practical and theoretical understanding of microbiology, a core subject in the nursing curriculum.

*[Signature]*  
Vice-Principal  
School of Nursing  
ARKA JAIN University

Event Coordinator: -  
Mr. Rohit Paul Lakra (Nursing Tutor)  
Mrs. Manisha Kumar (Nursing Tutor)

*[Signature]*  
Principal  
School of Nursing  
ARKA JAIN University  
PRINCIPAL  
School of Nursing  
ARKA JAIN UNIVERSITY

Copy to  
PS to Vice Chancellor  
PS to Director  
DSW and campus Director  
Office of Registrar  
IQAC  
In-Charge Website  
Office Record  
ERP Co-ordinator

## 5 DAY WORKSHOPS ON CLINICAL MICROBIOLOGY FOR NURSING

Date of Event	15.07.2025 to 19.07.2025
Name of the Event	5 Day Workshop on Clinical Microbiology for Nursing
Type of the Event	Skill development (Workshop )
Conducted by	School of Nursing
No. Of Participants	22

**OBJECTIVE:** To provide in-depth knowledge of microorganisms relevant to nursing practice, enhance students' ability to identify and classify various microbes, promote awareness about infection control and prevention techniques, and build competence in basic microbiological lab techniques and biosafety practices.

**DETAILS:** A Five-day Workshop on Clinical Microbiology was successfully conducted School of Nursing, ARKA JAIN University from 15th July to 19th July 2025 at the Biotech Laboratory, B-Block, specifically designed for 3rd Semester B.Sc. Nursing students. The objective of this workshop was to enhance students' understanding of clinical microbiology through hands-on experience and expert interaction. The external resource person for the workshop was **Dr. Santosh Kumar Singh, HOD and Associate Professor of Biotechnology**. The internal resource person was **Mr. Rohit Paul Lakra**, who, along with Mrs. Manisha Kumari (Nursing Tutor), also organized the entire workshop. Throughout the workshop, students actively participated in various sessions where they gained practical knowledge on culture media preparation, antibiotic sensitivity testing, and several other key microbiological techniques and topics. The hands-on sessions were especially appreciated by the students as they provided a real-time understanding of clinical procedures in microbiology. At the conclusion of the workshop, feedback forms were filled out by the students to assess the effectiveness of the sessions. A special vote of thanks goes to our Principal, Prof. Ginu Anie Joseph, and Vice Principal, Mrs. Shilpa J, for their continuous encouragement and support in making this workshop a success.

**TAKEAWAY (OUTCOMES):** A workshop on microbiology for nursing students significantly enhance their knowledge and confidence in several key areas related to infection prevention and control. Specifically, nurses can expect to improve their understanding of microbial growth, antimicrobial resistance, diagnostic techniques, and appropriate antibiotic use.

## POSTER OF THE EVENT

**JGI** **ARKA JAIN University** **NAAC GRADE A** **India Today 2024 Best Universities 2024 Ranking** **RANKED 52<sup>nd</sup>** **BEST PRIVATE UNIVERSITY IN INDIA** **ISO**

**SCHOOL OF NURSING  
ORGANISES  
'5 DAY WORKSHOP ON  
CLINICAL  
MICROBIOLOGY FOR  
NURSING''**



**EXTERNAL RESOURCE PERSON -DR.SANTOSH KUMAR, HOD, ASSOCIATE .PROF (BIO TECHNOLOGY)**  
**INTERNAL RESOURCE PERSON - MR.ROHIT PAUL LAKRA (NURSING TUTOR)**  
**DATE-15/07/25 TO 19/07/2025**  
**VENUE-BLOCK-B (BIOTECH LAB )**

**CONVENER-PROF.GINU ANIE JOSEPH ,PRINCIPAL SCHOOL OF NURSING**  
**CO-CONVENER - PROF-SHILPA J , VICE PRINCIPAL SCHOOL OF NURSING**  
**EVENT COORDINATOR - MR.ROHIT PAUL LAKRA (NURSING TUTOR) AND MRS.MANISHA KUMARI (NURSING TUTOR)**

## PHOTOS OF THE EVENT



Fig 1: Introduction by external resource person on the workshop- Dr.Santosh Kumar Singh



Fig2: Dr.Santosh Kumar explaining the students with the hand on practice regarding various type of media.



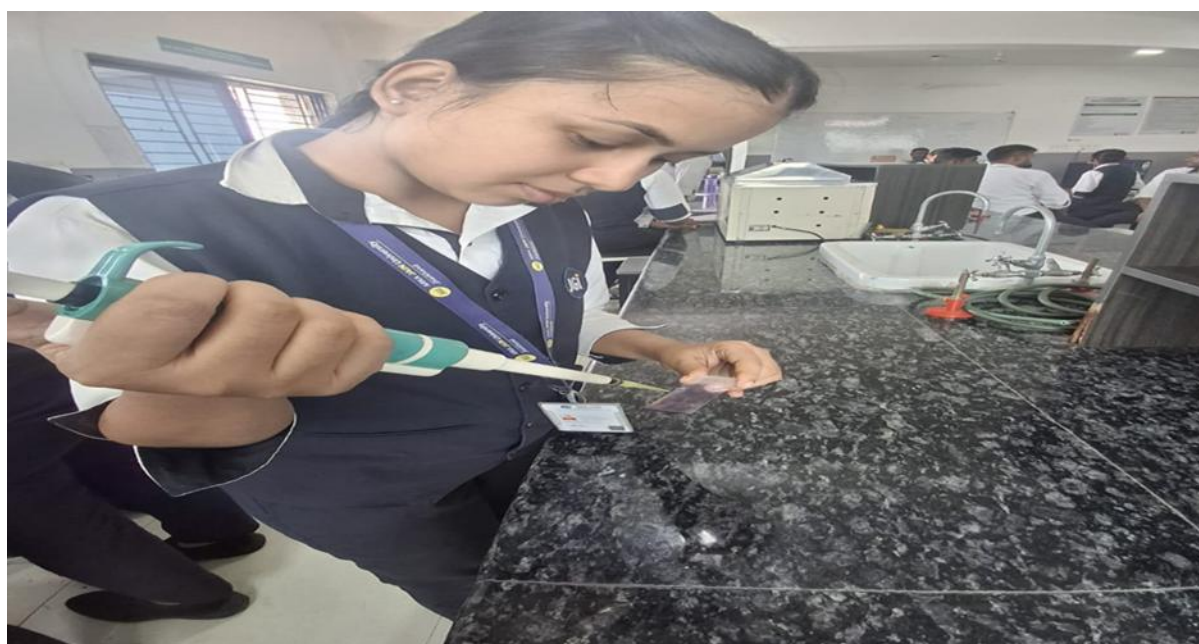
Fig 3: 3<sup>rd</sup> semester students Baby Mahato trying to detect the culture media in the glass.



Fig 4: 3<sup>rd</sup> semester student Damyanti experiencing hand on practices to detect the media.



**Fig 5: Dr.Santosh Kumar Singh showing how to prepare media.**



**Fig 6: 3<sup>rd</sup> semester student Diya experiencing hand on practices by placing the culture on the glass slide**



**Fig 7: Dr.Santosh Kumar explaining about the culture media placed in the glass to the students.**



**Fig 8: External resource person briefing regarding the workshop to the nursing students.**


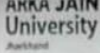



**Fig 9:Dr.Santosh Kumar is showing different type of culture media and gram staining to the students**



**Fig 10:Dr.Santosh Kumar is taking clinical microbiology session.**

## LIST OF PARTICIPANTS

**SCHOOL OF NURSING, ARKA JAIN UNIVERSITY**

**"5DAY WORKSHOP SHOP ON CLINICAL MICROBIOLOGY FOR NURSING 2025"**

SL. NO.	NAME OF THE PARTICIPANTS	ENROLMENT NO.	SIGNATURE 15/07/2025	SIGNATURE 16/07/2025	SIGNATURE 17/07/2025	SIGNATURE 18/07/2025	SIGNATURE 19/07/2025
1.	SHRUTI KUMARI	AJU/231686	<i>shruti</i>	<i>shruti</i>	<i>shruti</i>	<i>shruti</i>	<i>shruti</i>
2.	SUDARSHAN MAHATO	AJU/231785	<i>Sudarshan</i>	<i>Sudarshan</i>	<i>Sudarshan</i>	<i>Sudarshan</i>	<i>Sudarshan</i>
3.	DIVYANSHU RAJ	AJU/231784	<i>Divyanshu</i>	<i>Divyanshu</i>	<i>Divyanshu</i>	<i>Divyanshu</i>	<i>Divyanshu</i>
4.	PRIYANSHU KUMAR	AJU/231840	<i>Priyanshu</i>	<i>Priyanshu</i>	<i>Priyanshu</i>	<i>Priyanshu</i>	<i>Priyanshu</i>
5.	BARSHA GOPE	AJU/231850	<i>Barsha</i>	<i>Barsha</i>	<i>Barsha</i>	<i>Barsha</i>	<i>Barsha</i>
6.	AMIT KUMAR MANDAL	AJU/231933	<i>Amrit</i>	<i>Amrit</i>	<i>Amrit</i>	<i>Amrit</i>	<i>Amrit</i>
7.	SAHIL BEHRA	AJU/231945	<i>sahil</i>	<i>sahil</i>	<i>sahil</i>	<i>sahil</i>	<i>sahil</i>
8.	PRITIKA DAS	AJU/231987	<i>Pritika</i>	<i>Pritika</i>	<i>Pritika</i>	<i>Pritika</i>	<i>Pritika</i>
9.	SNEH LALL	AJU/232009	<i>Sneh</i>	<i>Sneh</i>	<i>Sneh</i>	<i>Sneh</i>	<i>Sneh</i>
10.	APARNA DUTTA	AJU/232022	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>	<i>Aparna</i>
11.	LIPIKA PAUL	AJU/232023	<i>Lipika</i>	<i>Lipika</i>	<i>Lipika</i>	<i>Lipika</i>	<i>Lipika</i>
12.	ABHISHEK KUMAR VADAV	AJU/232026	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>
13.	BABY MAHATO	AJU/232038	<i>Baby</i>	<i>Baby</i>	<i>Baby</i>	<i>Baby</i>	<i>Baby</i>
14.	PRINCE KUMAR	AJU/232068	<i>Prince</i>	<i>Prince</i>	<i>Prince</i>	<i>Prince</i>	<i>Prince</i>
15.	BISHAL KUMAR MAHATO	AJU/232070	<i>Bishal</i>	<i>Bishal</i>	<i>Bishal</i>	<i>Bishal</i>	<i>Bishal</i>
16.	PUJA PATAR	AJU/232087	<i>Puja</i>	<i>Puja</i>	<i>Puja</i>	<i>Puja</i>	<i>Puja</i>
17.	SANJU KUMARI MANDI	AJU/232122	<i>Sanju</i>	<i>Sanju</i>	<i>Sanju</i>	<i>Sanju</i>	<i>Sanju</i>
18.	DAMYANTI NAYAK	AJU/232123	<i>Damyanti Nayak</i>	<i>Damyanti Nayak</i>	<i>Damyanti Nayak</i>	<i>Damyanti Nayak</i>	<i>Damyanti Nayak</i>
19.	ROHINI HANSDA	AJU/232124	<i>Rohini</i>	<i>Rohini</i>	<i>Rohini</i>	<i>Rohini</i>	<i>Rohini</i>
20.	DHANI BASKEY	AJU/232125	<i>Dhani</i>	<i>Dhani</i>	<i>Dhani</i>	<i>Dhani</i>	<i>Dhani</i>
21.	DIYA PATRO	AJU/232131	<i>Diya</i>	<i>Diya</i>	<i>Diya</i>	<i>Diya</i>	<i>Diya</i>
22.	SHITAL KUMARI	AJU/232135	<i>Shital</i>	<i>Shital</i>	<i>Shital</i>	<i>Shital</i>	<i>Shital</i>
23.							
24.							
25.							

SIGNATURE OF THE EVENT CO-ORDINATOR

*[Signature]* *[Signature]*

SIGNATURE OF THE HOD

**PRINCIPAL**  
School of Nursing  
ARKA JAIN UNIVERSITY

## FEEDBACK

1	How would you rate your overall experience in the microbiology class?	<table border="1"> <thead> <tr> <th>Rating</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>7</td> <td>83.6%</td> </tr> <tr> <td>Good</td> <td>4</td> <td>36.4%</td> </tr> <tr> <td>Fair</td> <td>0</td> <td>0%</td> </tr> <tr> <td>Poor</td> <td>0</td> <td>0%</td> </tr> </tbody> </table>	Rating	Count	Percentage	Excellent	7	83.6%	Good	4	36.4%	Fair	0	0%	Poor	0	0%
Rating	Count	Percentage															
Excellent	7	83.6%															
Good	4	36.4%															
Fair	0	0%															
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2	How helpful were the lab/practical sessions in understanding microbiology?	<table border="1"> <thead> <tr> <th>Rating</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Extremely Helpful</td> <td>4</td> <td>36.4%</td> </tr> <tr> <td>Very Helpful</td> <td>6</td> <td>54.5%</td> </tr> <tr> <td>Slightly Helpful</td> <td>2</td> <td>18.2%</td> </tr> <tr> <td>Not Helpful</td> <td>0</td> <td>0%</td> </tr> </tbody> </table>	Rating	Count	Percentage	Extremely Helpful	4	36.4%	Very Helpful	6	54.5%	Slightly Helpful	2	18.2%	Not Helpful	0	0%
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Very Helpful	6	54.5%															
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Not Helpful	0	0%															
3	How clearly were microbiology concepts(staining, culture) explained?	<table border="1"> <thead> <tr> <th>Rating</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Very clearly</td> <td>7</td> <td>63.6%</td> </tr> <tr> <td>Clearly</td> <td>4</td> <td>36.4%</td> </tr> <tr> <td>Unclear</td> <td>0</td> <td>0%</td> </tr> <tr> <td>Very unclear</td> <td>0</td> <td>0%</td> </tr> </tbody> </table>	Rating	Count	Percentage	Very clearly	7	63.6%	Clearly	4	36.4%	Unclear	0	0%	Very unclear	0	0%
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Unclear	0	0%															
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4	How effective was the instructor in delivering microbiology content?	<table border="1"> <thead> <tr> <th>Rating</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Very effective</td> <td>7</td> <td>83.6%</td> </tr> <tr> <td>Effective</td> <td>2</td> <td>18.2%</td> </tr> <tr> <td>Neutral</td> <td>2</td> <td>18.2%</td> </tr> <tr> <td>Ineffective</td> <td>0</td> <td>0%</td> </tr> </tbody> </table>	Rating	Count	Percentage	Very effective	7	83.6%	Effective	2	18.2%	Neutral	2	18.2%	Ineffective	0	0%
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5	How satisfied are you with the overall learning experience in the class?	<table border="1"> <thead> <tr> <th>Rating</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Very satisfied</td> <td>6</td> <td>54.5%</td> </tr> <tr> <td>Satisfied</td> <td>5</td> <td>45.5%</td> </tr> <tr> <td>Not satisfied</td> <td>0</td> <td>0%</td> </tr> <tr> <td>Neutral</td> <td>0</td> <td>0%</td> </tr> </tbody> </table>	Rating	Count	Percentage	Very satisfied	6	54.5%	Satisfied	5	45.5%	Not satisfied	0	0%	Neutral	0	0%
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