

REPORT ON WORKSHOP ON
BASICS OF MICROBIOLOGY -FROM STAIN TO STRAIN

Date: 27th January 2026

Time: 2:00pm to 3:00pm

Venue: Microbiology Department, PSMC, Bhaikaka University

Microbiology forms a vital foundation in nursing education, as it equips nursing students with essential knowledge and skills required for the prevention, diagnosis, and management of infectious diseases. A clear understanding of microorganisms, their modes of transmission, and laboratory diagnostic techniques is crucial for ensuring patient safety, infection control, and quality healthcare delivery.

In alignment with curricular requirements and to strengthen experiential learning, the Department of Adult Health Nursing, Institute of Nursing Sciences and Shri G. H. Patel School of Nursing, in collaboration with the Department of Microbiology, organized a hands-on academic workshop titled **“Workshop on Basics of Microbiology – From Stain to Strain.”**

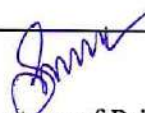
The workshop aimed to bridge the gap between classroom learning and laboratory practice by familiarizing students with culture media, staining techniques, antigen–antibody reactions, and standard laboratory safety measures. Through guided demonstrations and active participation, the program sought to enhance students’ understanding of microbiological principles and their application in clinical nursing practice. Such academic initiatives play a significant role in preparing nursing students to deliver safe, evidence-based, and competent patient care.

Objectives of the workshop

At the end of this workshop the student will be able to:

1. Identify and describe various types of culture media used in microbiological investigations.
2. Understand the principles and procedures of commonly used staining techniques for microorganism identification.
3. Observe and interpret different antigen–antibody reactions used in diagnostic microbiology.
4. Correlate theoretical knowledge with practical laboratory applications.
5. Appreciate laboratory safety measures and standard operating procedures followed in the Microbiology laboratory.


Signature of Organizing Person(s)/ In charge


Signature of Principal


Page No. 1

▪ **Schedule and Time Planning**

Date	Time	Topic	Resource person
27/01/2026	2:00pm to 3:00pm	Introduction to Microbiology	Dr Suman Singh
	3:00pm to 5:00pm	Station 1- Culture Media Station 2- Staining Station 3- Antigen Antibody Reaction Station 4- Laboratory safety measures	Dr Bhumi Ms. Neha Dr Nidhi

- **Participants/Beneficiaries'**-Semester -III and FYDGNM nursing students

▪ **Feedback of the event**

- The feedback was collected using : <https://forms.gle/Q2xqLa6nP81dNHFTA>
- Based on the feedback received from **45 participants**, the *Workshop on Basics of Microbiology* was evaluated as **highly successful**. Nearly **91% of students** rated the workshop as **very good to excellent**, while about **95%** reported that the workshop **met their expectations**. Regarding effectiveness, approximately **86% of respondents** perceived the program as **effective to extremely effective**, reflecting strong academic impact. Around **91% of participants** expressed high satisfaction with the **clarity of concepts explained** during the sessions. The open-ended responses further revealed that most students appreciated the clarity, relevance, and practical orientation of the workshop, and the majority offered **no specific suggestions for improvement**, indicating overall satisfaction. These findings confirm that the workshop effectively achieved its objectives and was well received by the nursing students.

▪ **Organized By:**

Name of the organizing person(s) / In-charge: Ms. Krina Patel, Department of Adult Health Nursing

Report Prepared by: Ms. Krina Patel

Date: 28th January 2026



Signature of Organizing Person(s)/ In charge

Signature of Principal

Page No. 2

From: "Ms Krina Kamleshbhai" <krinakp@charutarhealth.org>
Subject: Request to Organize Microbiology Workshop and Visit to Microbiology department
Date: Mon, January 12, 2026 11:51 am
To: "Rupal Minesh Patel" <rupalmp@charutarhealth.org>
Cc: shanyt@charutarhealth.org,tejaladv@charutarhealth.org,annadr@charutarhealth.org

Good Morning Mam

Greetings from the Nursing Institute

As a part of curricular requirement we would like to propose to organize a hands-on academic workshop in collaboration with the Department of Microbiology for Semester III and FYDGNM Nursing students, focusing on essential microbiological diagnostic techniques. In this regard, we kindly request your permission and support to conduct the said workshop.

Objectives of the Workshop:

1. Identify and describe various types of culture media used in microbiological investigations.
2. Understand the principles and procedures of commonly used staining techniques for microorganism identification.
3. Observe and interpret different antigen-antibody reactions used in diagnostic microbiology.
4. Correlate theoretical knowledge with practical laboratory applications.
5. Appreciate laboratory safety measures and standard operating procedures followed in the Microbiology laboratory.

For the same please provide resource person, suitable date and time(Preferably afternoon slot between 2 to 5 pm)

We look forward to your positive response, feel free to contact in case of query.

--

Regards.

Ms Krina Patel
Nursing Tutor
Medical surgical nursing
Institute Of Nursing Sciences
Shri G.H.Patel School of Nursing
Bhaikaka University
Karamsad
PH :7016120277



From: "Rupal Patel" <rupalmp@bhaikakauniv.edu.in>
Subject: Demonstration session on 27.01.2026 Re: Request to Organize Microbiology Workshop and Visit to Microbiology department
Date: Tue, January 20, 2026 4:08 pm
To: "Ms Krina Kamleshbhairi" <krinakp@charutarhealth.org>
Cc: shanyt@charutarhealth.org, chiragmm@charutarhealth.org

Dear Ms. Krina,

We will conduct a practical/demonstration session on essential microbiological diagnostic techniques for Semester III and FYDGNM Nursing students on 27.01.2026 (Tuesday), 2.00 pm - 5.00 pm.

Kindly do the needful.

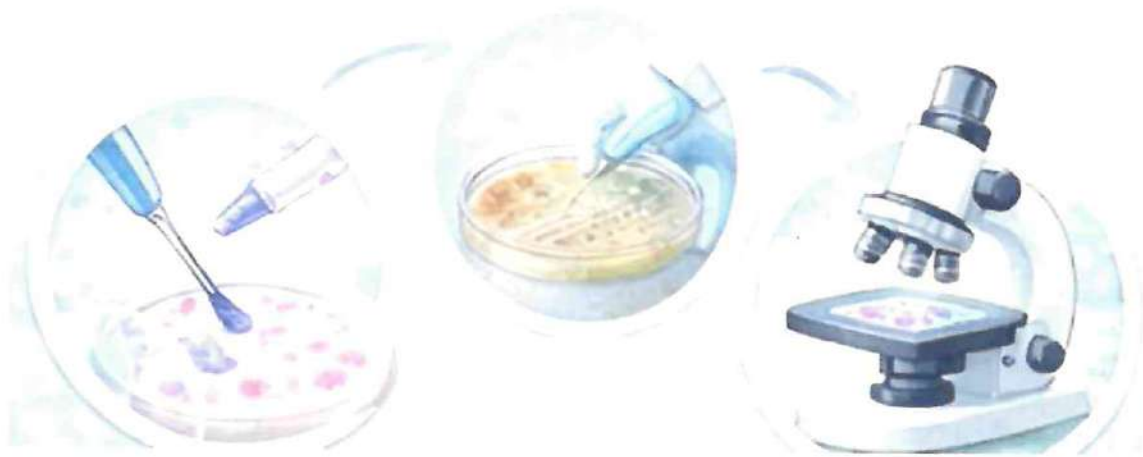
Thank you.

Regards,
Dr. Rupal Patel
Professor & Head, Department of Microbiology,
Member Secretary, Curriculum Committee,
Chairperson, Board of Studies, Basic Medical Sciences,
Pramukhswami Medical College & Shree Krishna Hospital,
Bhaikaka University,
Karamsad-388325,
Anand, Gujarat-India
M: 09979927555
email- drprlpatelmp@gmail.com

> For sure mam
>
> Furthermore I have attached the curriculum for your reference
>
>> Dear Ms. Krina,
>>
>> Looking at the various schedules, we would be able to take a
>> practical/demonstration session on essential microbiological diagnostic
>> techniques either on 22.01.2026 (Thursday) OR 27.01.2026 (Tuesday), 2.00
>> pm - 5.00 pm.
>>
>> I shall confirm the final date soon.
>>
>> Thank you.
>>
>> Regards,
>> Dr. Rupal Patel
>> Professor & Head, Department of Microbiology,
>> Member Secretary, Curriculum Committee,
>> Chairperson, Board of Studies, Basic Medical Sciences,
>> Pramukhswami Medical College & Shree Krishna Hospital,
>> Bhaikaka University,
>> Karamsad-388325,
>> Anand, Gujarat-India
>> M: 09979927555
>> email- drprlpatelmp@gmail.com
>>
>>
>>> Good Afternoon mam
>>>
>>> For sure we can meet on 17/1/2026
>>>
>>> Also this is an in-house annual activity
>>>



Workshop on Basics of Microbiology



From Stain to Strain

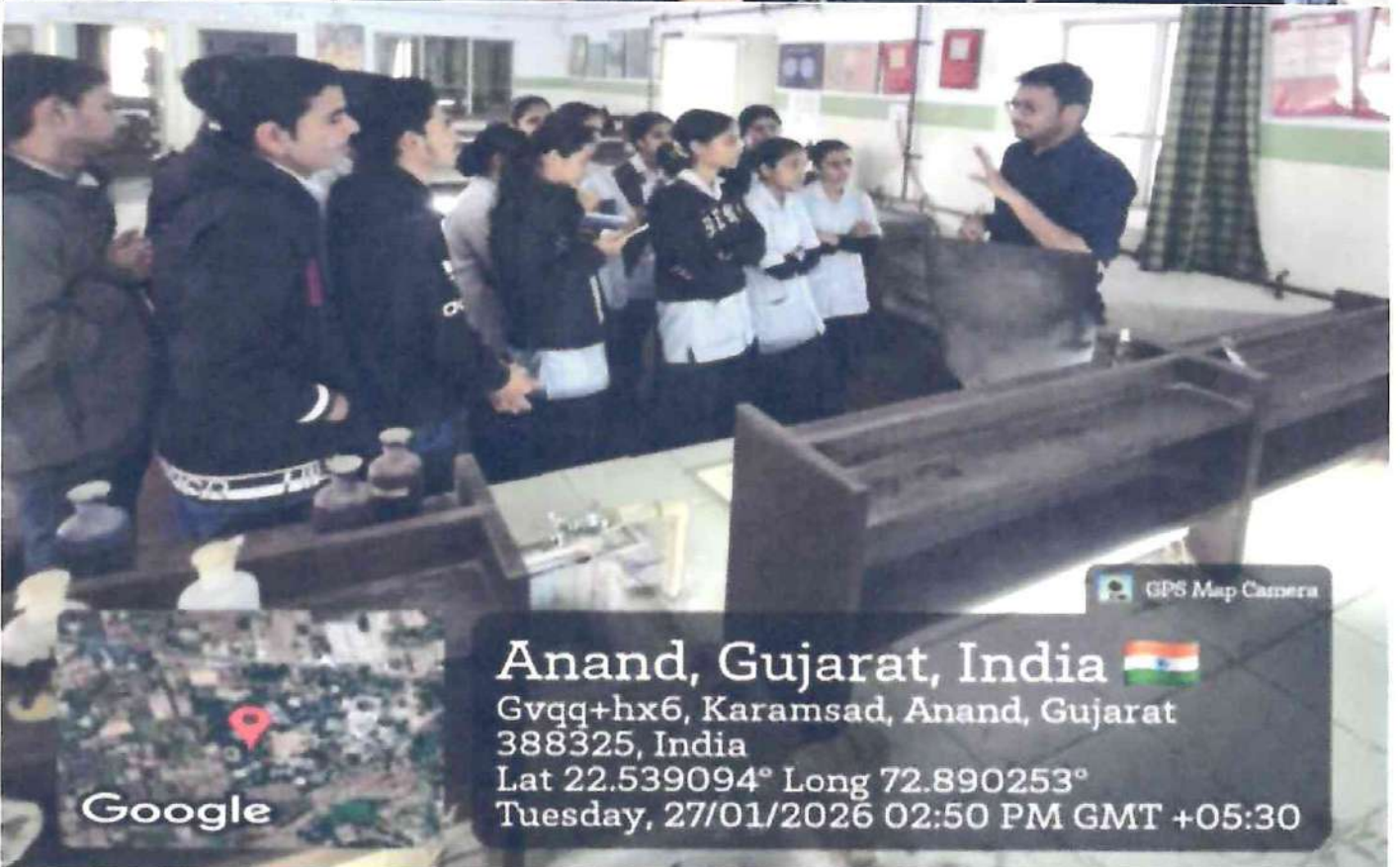
Date: 27th January 2026

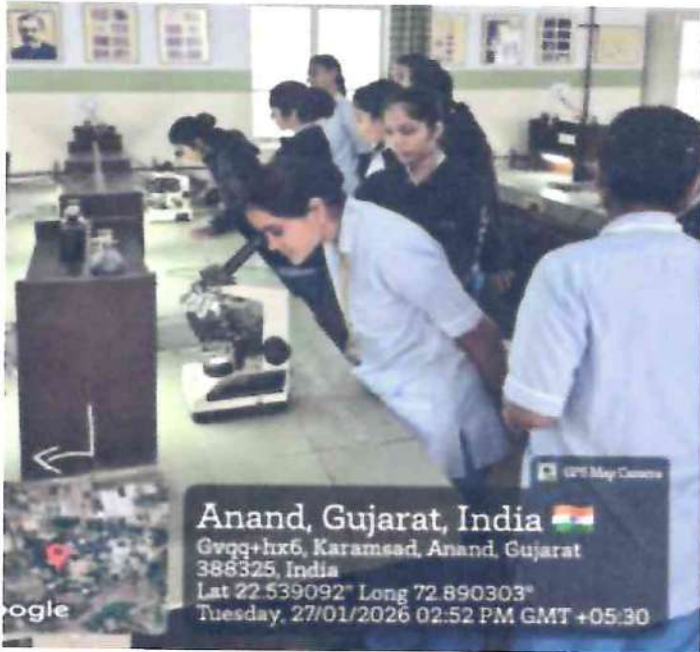
Time: 2:00pm to 5:00pm

Venue: Microbiology Lab, PSMC

Beneficiary: Semester III & FYDGNM

Organized by:
Department of Adult Health Nursing
Institute of Nursing Sciences
Shri G.H. Patel School of Nursing





Workshop on Basics of Microbiology

Date: 27th January 2026

Time: 2:00pm to 5:00pm

Sr.No.	Name of Student	Signature of the student
1	Kenil Pankajbhai Banker	
2	Twisha Rajeshkumar Bhatt	
3	Anjaliben Dipakbhai Brahmabhatt	
4	Krishnaben Babarbhai Chauhan	
5	Urvashiben Ashokbhai Chauhan	
6	Richa Ignatius Christian	
7	Twinkalben Jasvantbhai Ganava	
8	Nishaben Govindbha Gohel	
9	Krupa Ashokgiri Goswami	
10	Khushi Satishbhai Patel	
11	Aryan Vijaybhai Macwan	
12	Mahi Sanjaykumar Mahida	
13	Prexa Bhavendra Pandya	
14	Mitu Raghubhai Parmar	
15	Stuti Mureshbhai Parmar	
16	Anshkumar Dilipkumar Patel	
17	Dhvi Jyotindrakumar Patel	
18	Drashtiben Atulkumar Patel	
19	Gresha Prathmeshkumar Patel	
20	Jiyal Sanjaykumar Patel	
21	Juhi DDineshbhai Patel	
22	Mahi Pareshbhai Patel	
23	Mahiben Piyushbhai Patel	
24	Maitribahen Umeshbhai Patel	
25	Mansiben Sanjaykumar Patel	
26	Margi Axitkumar Patel	
27	Sakshi Hasmukhbhai Patel	
28	Patel Vaidehi Surendrakumar	
29	Vidhi Hiteshkumar Patel	
30	Vishwa Yogeshkumar Patel	
31	Dhruvi Pravinbhai Patoliya	
32	Prachiben Dharmendrabhai Patel	
33	Bhumikaben Rasikbhai Rathva	
34	Hemaxiben Varsanbhai Rathwa	
35	Jui Bhavikkumar Shah	
36	Trusti Harshadbhai Solanki	
37	Aavruti Sunilkumar Vaghela	—
38	Nehaben Kamalkumar Vaghela	—
39	Suhanibahen Vaghela	—
40	Vedishaben Kishorbhai Vankar	



List of Attndees from FY DGNM

Sr. No.	Name of Student	Sign
1	Bhuriya Prasanshaben Pratapbhai	Prasansha .B
2	Chauhan Preet Jayantibhai	Preet
3	Makvana Milindkumar Ashokbhai	M.A.M
4	Makwana Bhavnaben Babubhai	M.B.B.
5	Makwana Jaiminiben Kamleshbhai	Jaimini
6	Makwana Anshkumar Chandrakantbhai	Anshu
7	Parmar Moksh Bhanubhai	Moksh
8	Parmar Prisha Jagdishbhai	Prisha
9	Parmar Trusha Dhirenbhai	Trusha
10	Rohit Meet Dhirubhai	Meet Rohit
11	Vaghela Rahul Jasubhai	Absent
12	Vankar Aasthaben Dipakbhai	Aastha
13	Vankar Bhumika Bhupendrabhai	Bhumika
14	Vankar Hetviben Pravinbhai	Hetvi
15	Varia Muktiben Subhaschandra	M
16	Vankar UmmidKumar Bhanubhai	Ummid

