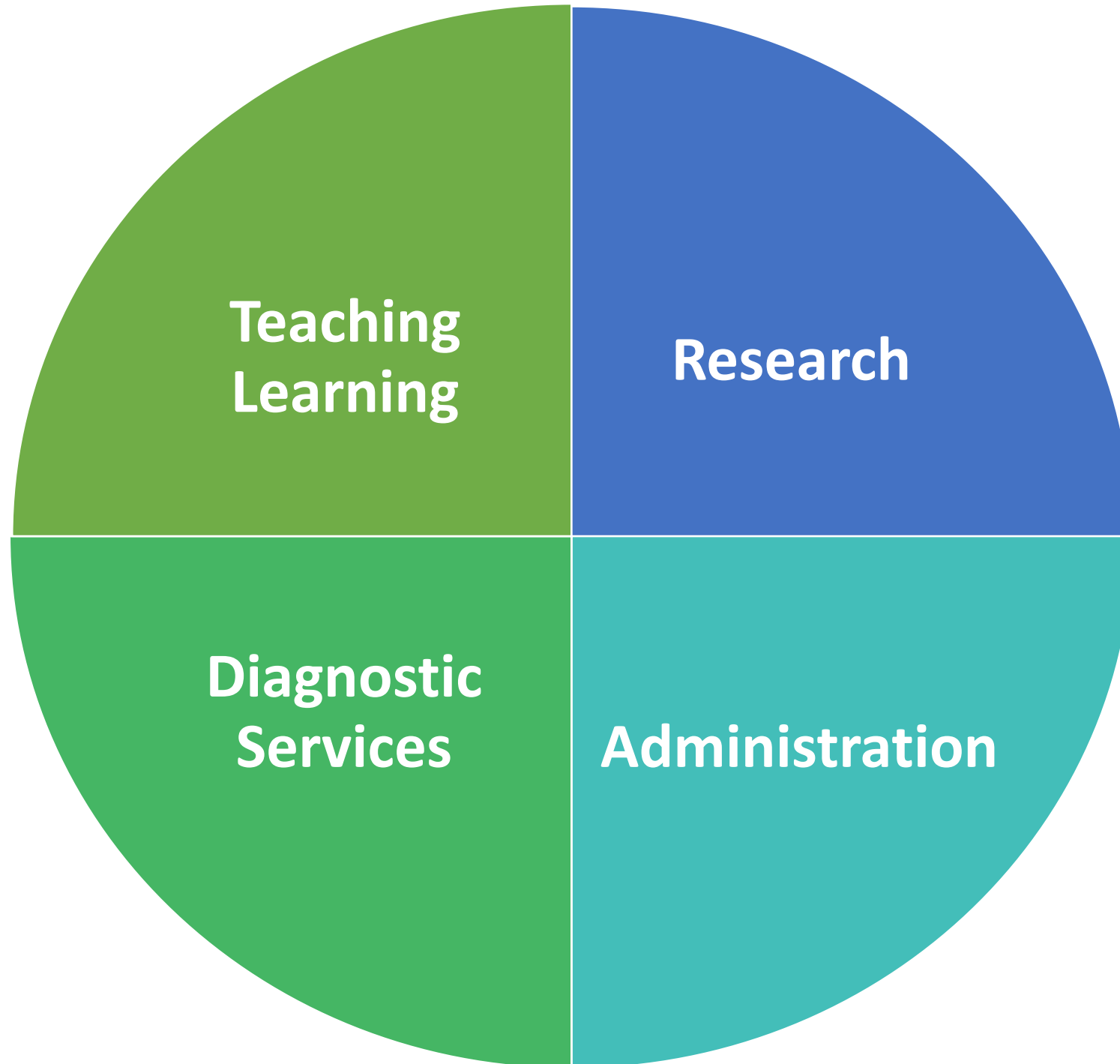


**DEPARTMENT
OF
MICROBIOLOGY**

Goal

To educate and train students in the discipline of Microbiology and to expand the body of knowledge of this scientific field through clinical interaction and research.

ACTIVITIES



TEACHING LEARNING ACTIVITIES

Undergraduate - II MBBS

Postgraduate - MD , M.Sc.(Medical)

D.M.L.T.

**Fellowship in Clinical Microbiology
And Ph.D.**

TEACHING LEARNING PROCESS

Didactic lectures
with Defined Specific
Learning Objectives
(SLOs)

practical And
demonstrations

**Flexible
Methodology:**

Seminar, Quiz , debate,
Small group tutorials ,
OSPE

**Learner Centered
Approach:**

Research Projects -ICMR

P.G. programme :

Seminars, culture seminars,
group discussions, Microbes in
News, guest lectures,

Educational visits

Educational visits:

Visit to Serum Institute of India,
NCCS ,AFMC

Activities

- ✓ Teaching-Under graduates, Post graduates (MSc/MD), DMLT, M.Sc.(Medical Microbiology), ID Fellowship, Infection control ICNs
- ✓ Research Activities-ICMR, Departmental, Inter Institutional
- ✓ Continuing Medical Education, Workshops
- ✓ Presentation of Papers /Posters at National and State Level Conferences
- ✓ Molecular Biology
- ✓ RNTCP
- ✓ Antibiotic Stewardship
- ✓ Infection Control Implementation
- ✓ Biomedical waste Management

Activities

- ✓ Clinical Microbiology with Infectious Disease Consultants.
- ✓ Participation in EQAS programme in Bacteriology & Mycology with CMC Vellore and PGI Chandigarh.
- ✓ Participation in activities of Pune Clinical Microbiologist Association.
- ✓ Microbial News
- ✓ Assessor NABH
- ✓ Reviewer MJAFI
- ✓ Visits- Robert Koch Institute, NCCS, MH (CTC), AFMC
 - ✓ Model Making- Bacterial, Viruses, Fungi for RESCON
 - ✓ Celebration-Hand Hygiene Week
- ✓ Bharati Microbial News-Half yearly Microbiology Bulletin

Undergraduate teaching

 **BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY
MEDICAL COLLEGE, PUNE** 

DEPT OF MICROBIOLOGY
INNOVATIONS IN UNDER GRADUATE TEACHING


Reason it out


Debate


Seminar


OSPE


Clinical Case Discussions

UG DISTINCTION HOLDERS

2007-2008:

1. Somya Mishra

2009-2010:

1. Shashank Dilip Patil

2011-2012:

1. Nishit Atul Biniwale
2. Apoorva Vivek Saoji
3. Harsha Rajendra Shekhawat
4. Sukriti Sharma

2012-2013:

1. Arundhati Chadha
2. Aneesh Dhorepatil

2013-2014:

1. Sai Sudheer Belsare
2. Nikhita Sandeep Sane
3. Niraj P.Pawar
4. Deepal Kundu

2014-2015:

1. Sourav Jain
2. Peeyush Pramod Belsare
3. Shayari Jain
4. Prapti Hasija
5. Shashya Agarwal

UG DISTINCTION HOLDERS

2015-2016:

1. Tanvi Ajay Bafna
2. Suveer R Kewalram
3. Shaunak S Patwardhan
4. Kalyani R Lohokare
5. Akanksha Chopra
6. Anjum M Dhamani
7. Chandralekha Balbhadra
- 8 Amruta A Kamthe
9. Riya Kumari

2016-2017:

1. Tanvi Nitin Pendse
2. Nancy Vaz
3. Akanksha A. Mehra
4. Priya Janghu
5. Aiman Khan
6. Niyati Ajay Shah
7. Zuha Azmat Khan
8. Arusha Dasgupta
9. Megha Gupta

2017-2018

1. Aditi Gupta
2. Bhalerao Neeraj
3. Ankira Agarwal
4. Gaurav Suri
5. Ingale Yamini
6. Jigyra Narang
7. Mane Prajakta
8. Shubham Mishra
9. Mangade Sourav
10. Neelika Singla
11. Sunkari Sree
12. Wagh Mohit
13. Mohit Jain

Post graduate students educational visits



Serum Institute of India



MALDITOF at NCCS

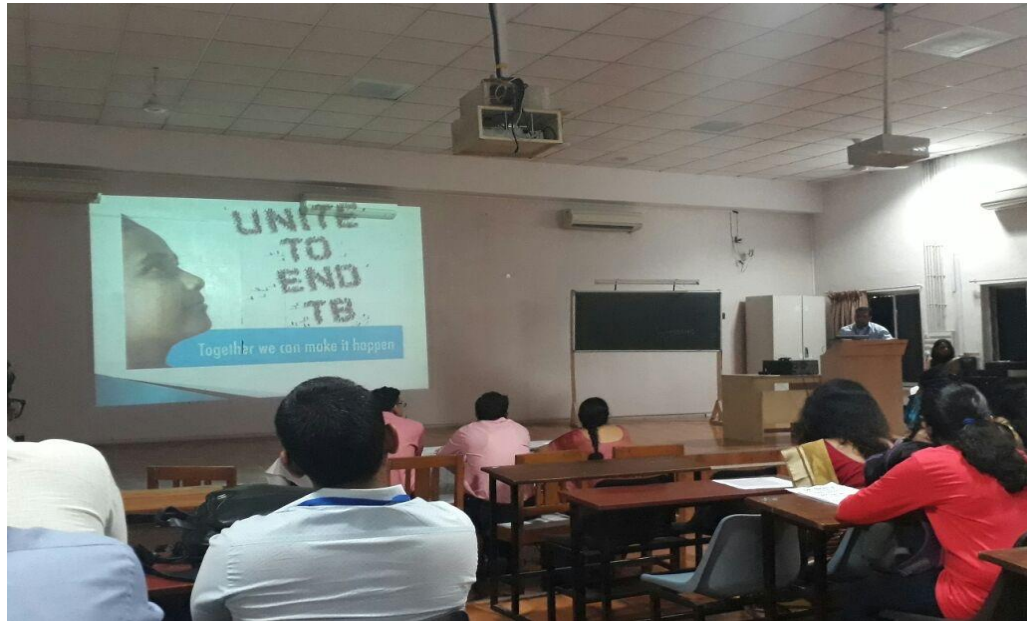


Deenanath Mangeshkar Hospital



NCCS laboratory

PG AND Faculty training



J.Mitra Dengue ELISA training



PCR training at BIOERA

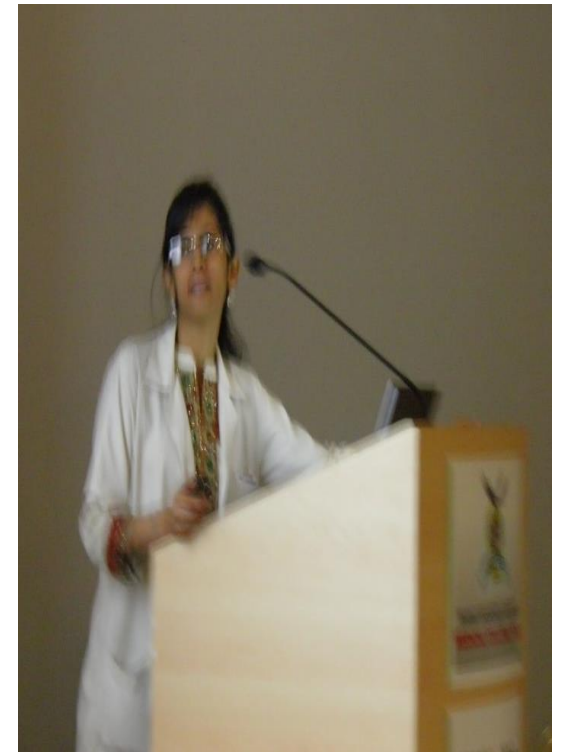
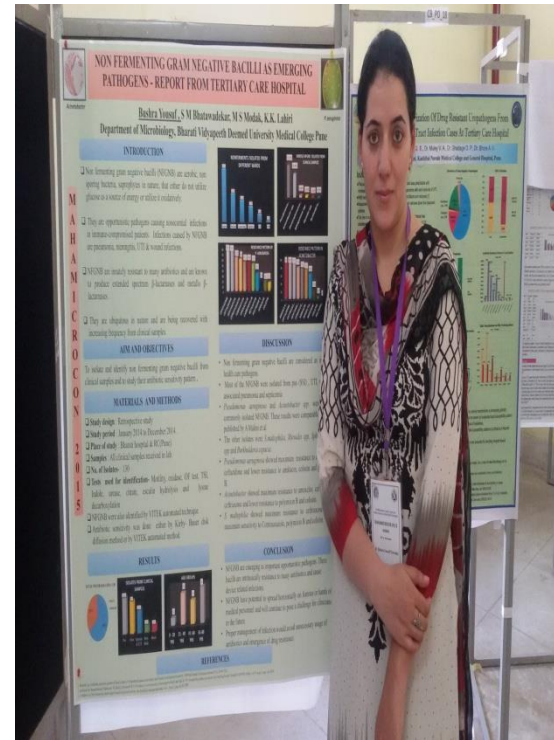
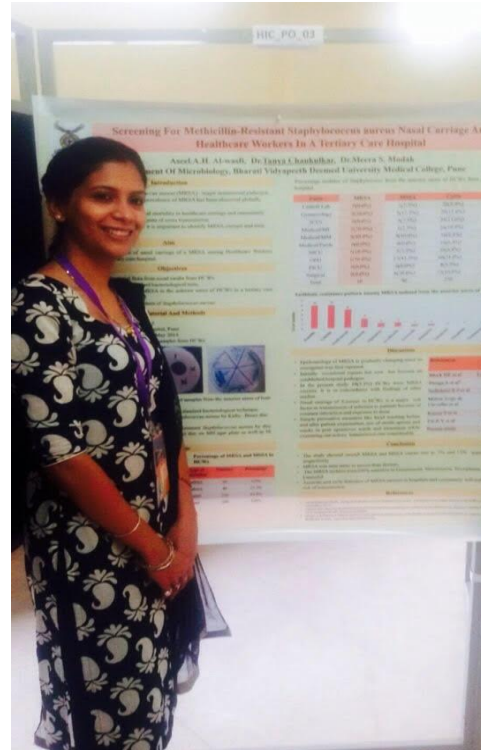


PCR training at BIOERA

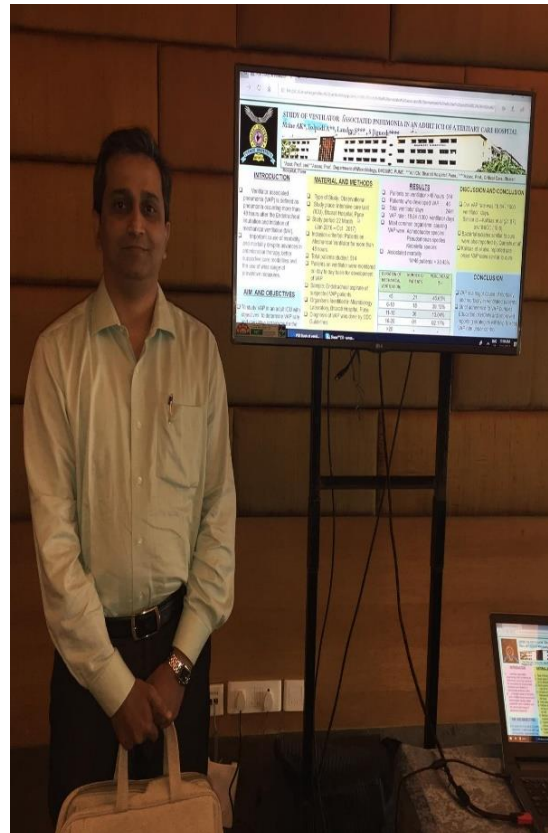


Phoenix100 Automated ID & ABST training

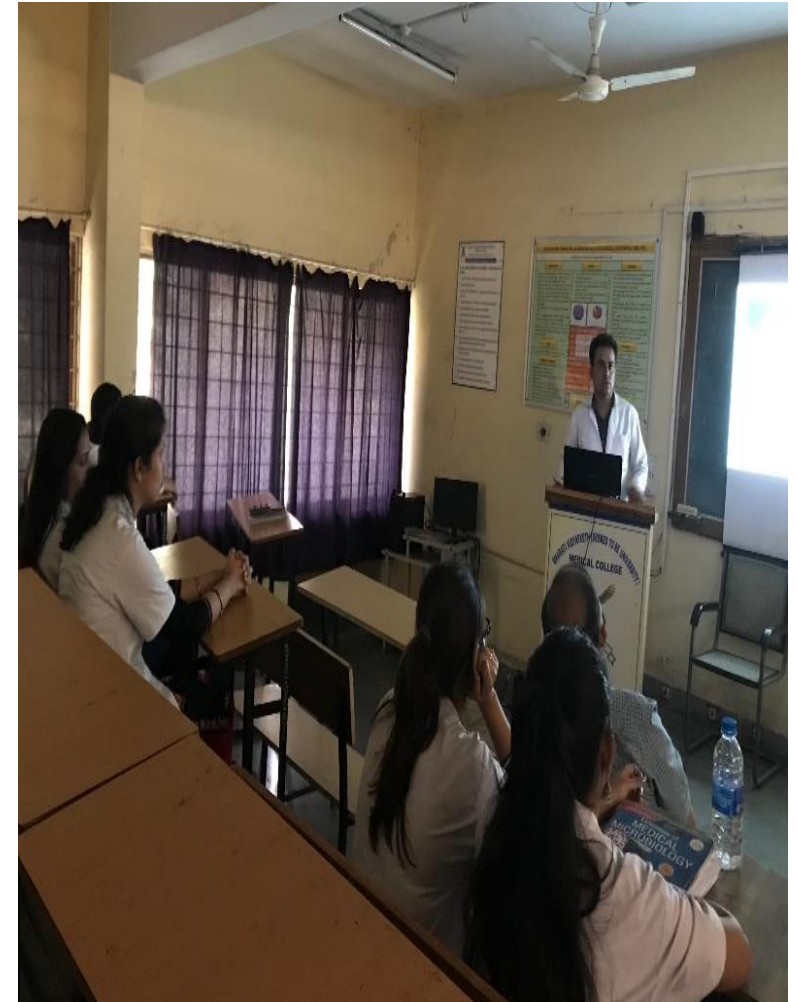
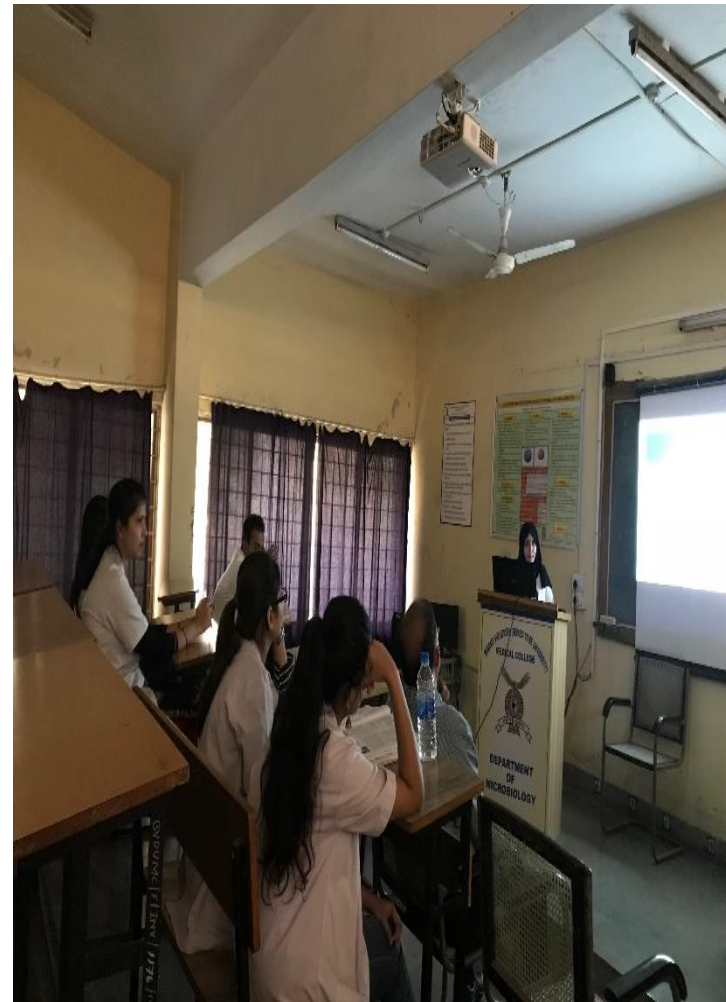
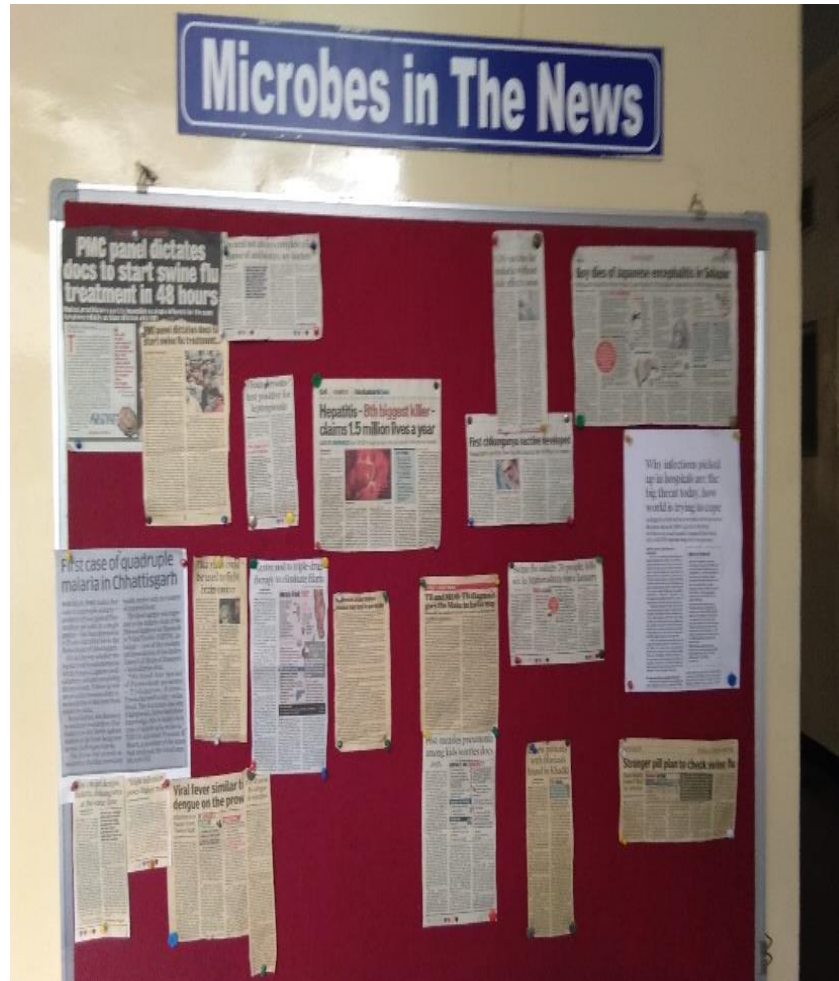
PG conference presentations



Faculty presentations



Post Graduate programme



RESEARCH

Promotion of Research

Inculcating the research culture, ideas in students by involving them in different research projects

‘Research Methodology Workshop’ - PG and PhD students

Methodology and Statistical Guidance –Community medicine department

OUR TEAM

Teaching faculty with experience

- **Professor and Head**
- **Professor -1**
- **Associate professor – 4**
- **Assistant Professor -3**
- **Tutor - 3**

Support Staff

- **Technicians**
- **Office clerks**
- **Laboratory assistants**
- **Laboratory attendant**

INFRASTRUCTURE

- **Well equipped NABL Accredited laboratory**
- **Hospital infection Control (HIC) department**
- **Museum with charts, models and specimens**
- **Students laboratory - Practical halls**
- **Research laboratory - Molecular laboratory**
- **Updated library with recent journals and reference textbooks**

Departmental Achievements

**BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY
MEDICAL COLLEGE, PUNE**

**DEPT OF MICROBIOLOGY
ACHIEVEMENTS**



NABL ACCREDITED



NABH Accredited



Safe - I Accredited



EQAS Rating Good-Excellent

The image displays four certificates of accreditation and achievement for the Department of Microbiology at Bharati Vidyapeeth (Deemed to be) University Medical College, Pune. The certificates are arranged in a 2x2 grid. The top-left certificate is from the National Accreditation Board for Testing and Calibration Laboratories (NABL), certifying the Hospital & Research Centre Laboratory for ISO 15189:2012 in the field of Medical Testing. The top-right certificate is from the National Accreditation Board for Hospitals & Healthcare Providers (NABH), certifying the Hospital & Research Centre for NABH Entry Level-Hospital requirements. The bottom-left certificate is also from NABH, certifying the Hospital & Research Centre for NABH Safe-I Standards for Hospital Infection Control. The bottom-right certificate is from the Indian Association of Medical Microbiologists (IAMM) VIROEQAS program, certifying the Department of Clinical Virology for a Good-Excellent rating in 2017.

Microbiology service laboratory

**BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY
MEDICAL COLLEGE, PUNE**

**DEPT OF MICROBIOLOGY
UPDATED MODERN EQUIPMENT**



BAC TEC / VITEK - 2



ELISA FLUORESCENT MICROSCOPE SAFETY CABINET



RT-PCR LINE PROBE ASSAY CENTRIFUGE

**BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY
MEDICAL COLLEGE, PUNE**

**DEPT OF MICROBIOLOGY
UPDATED MODERN EQUIPMENT**



20

CSSD department

**BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY
MEDICAL COLLEGE, PUNE**

**DEPT OF MICROBIOLOGY
INFECTON CONTROL**



Autoclave **Autoclave**



ETO



Sterrad Plasma Machine



**Negative Pressure Room
for ETO & Plasma sterilisation**

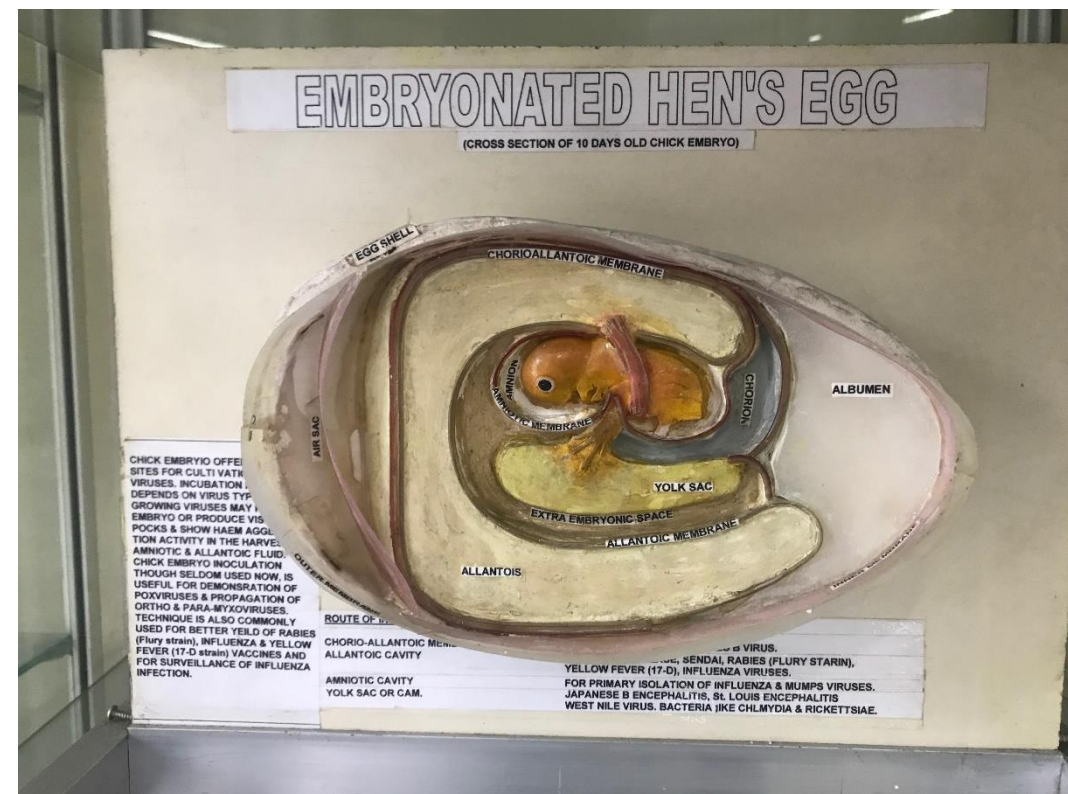
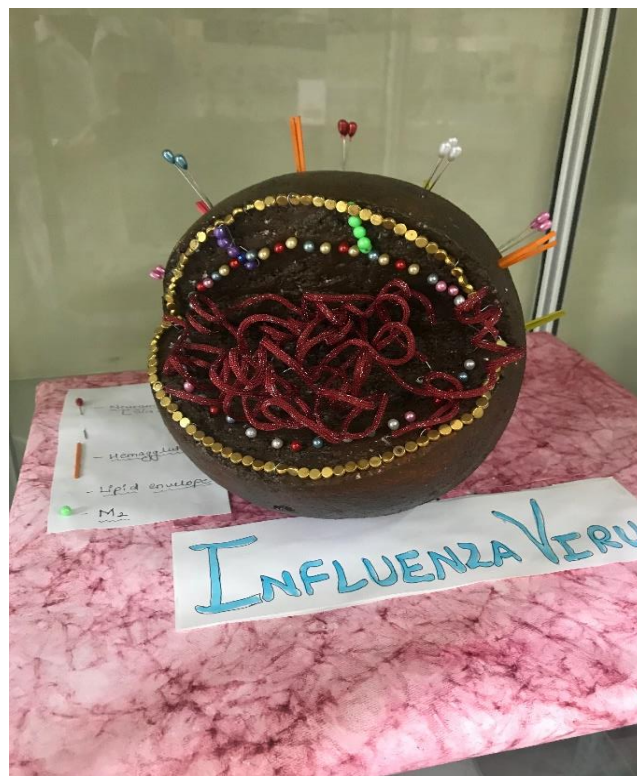
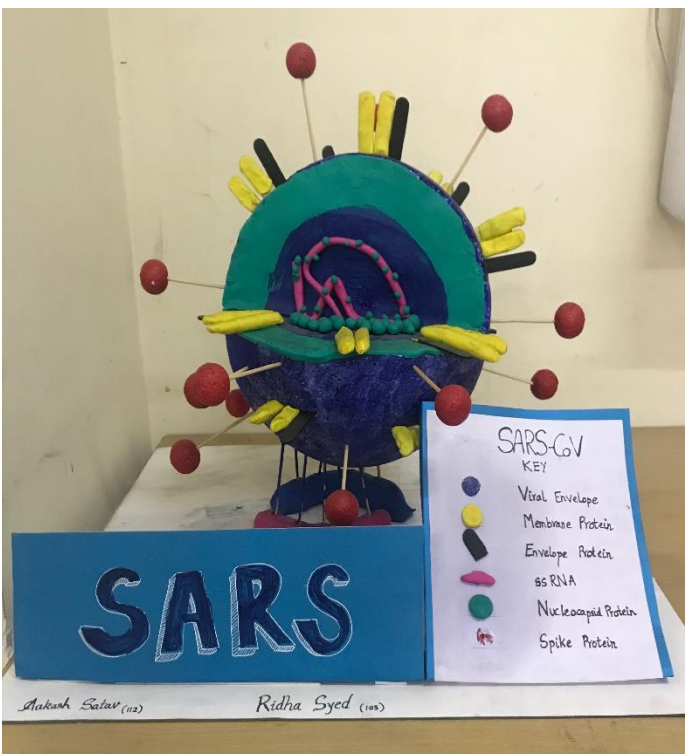
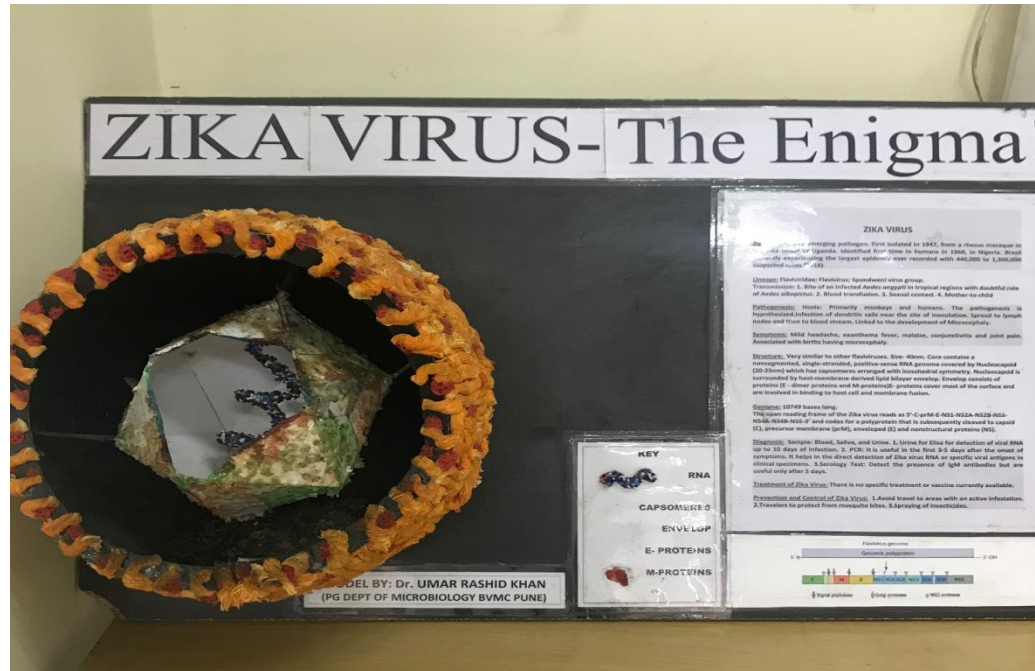
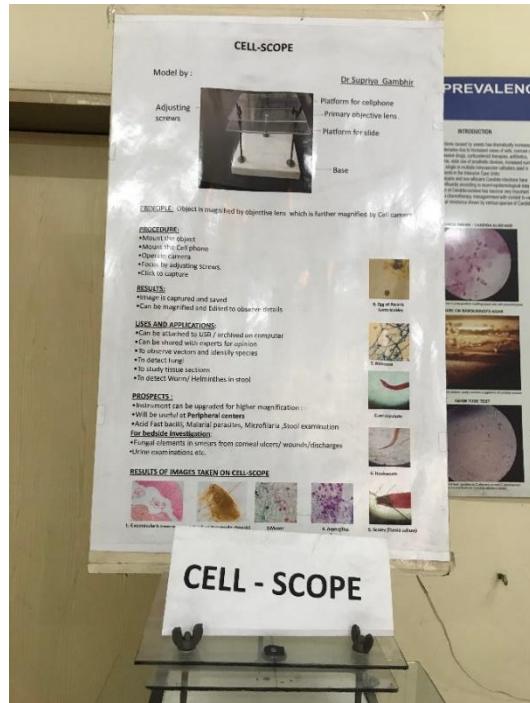
Microbiology Museum



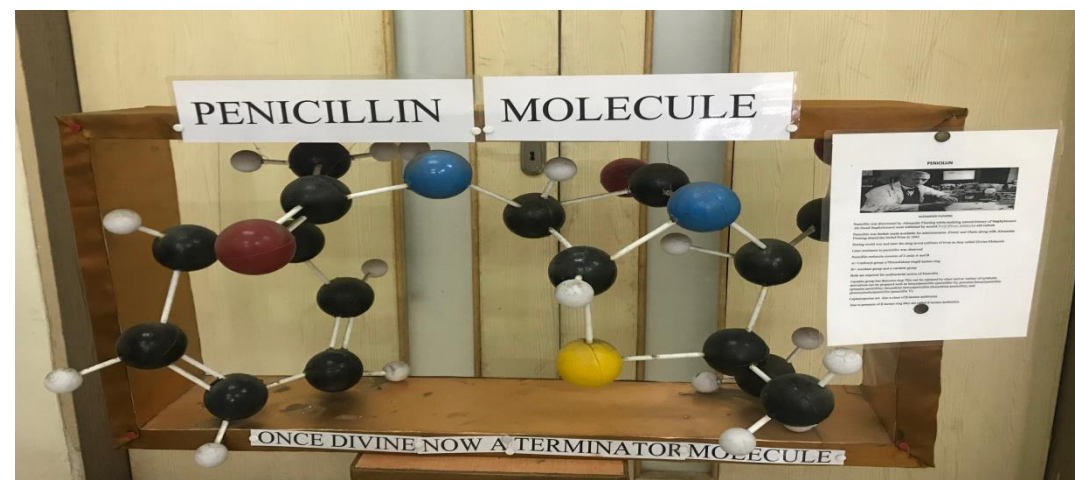
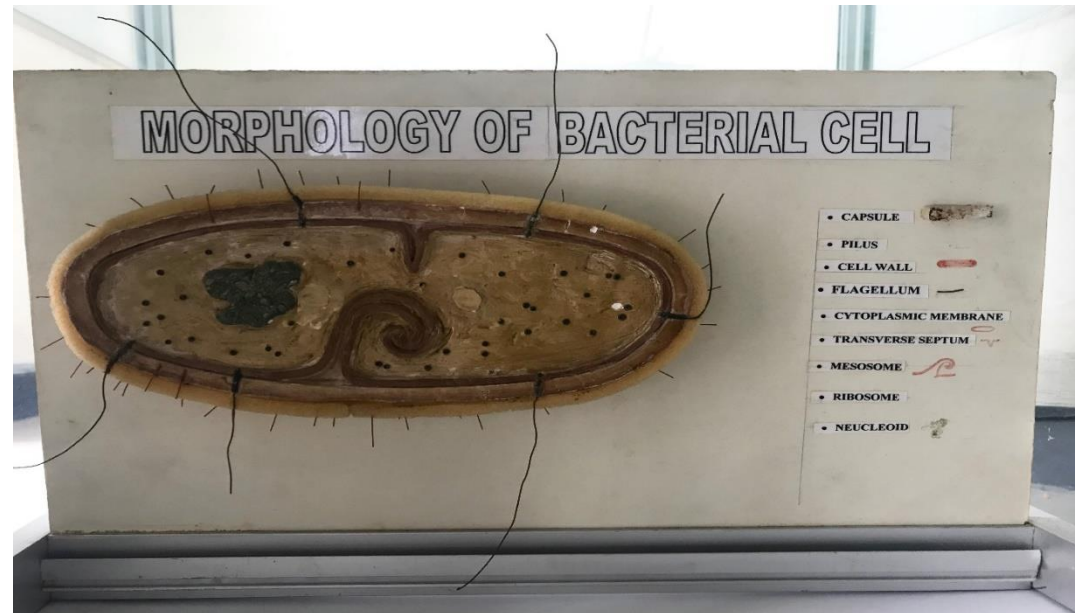
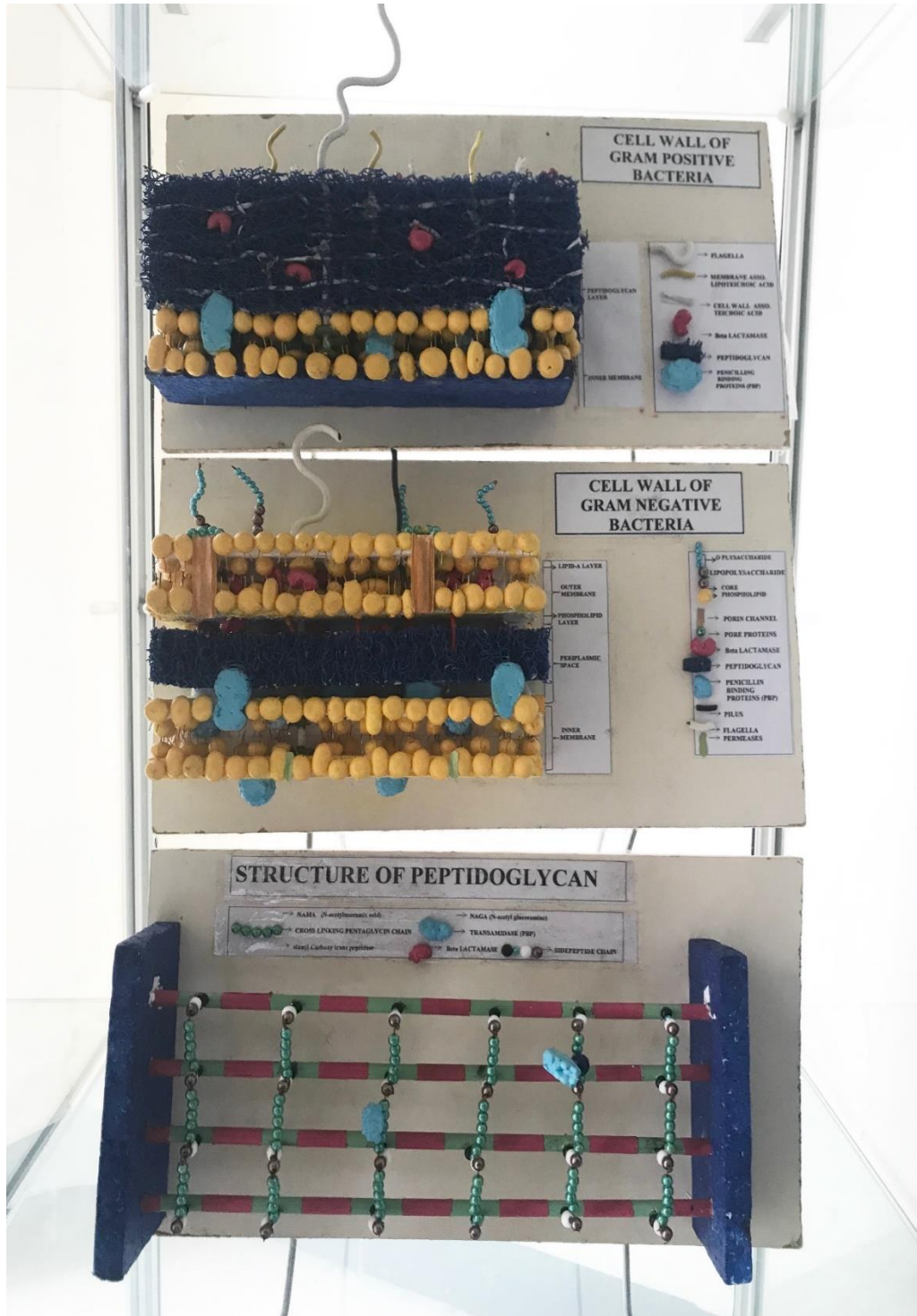
Departmental museum-models



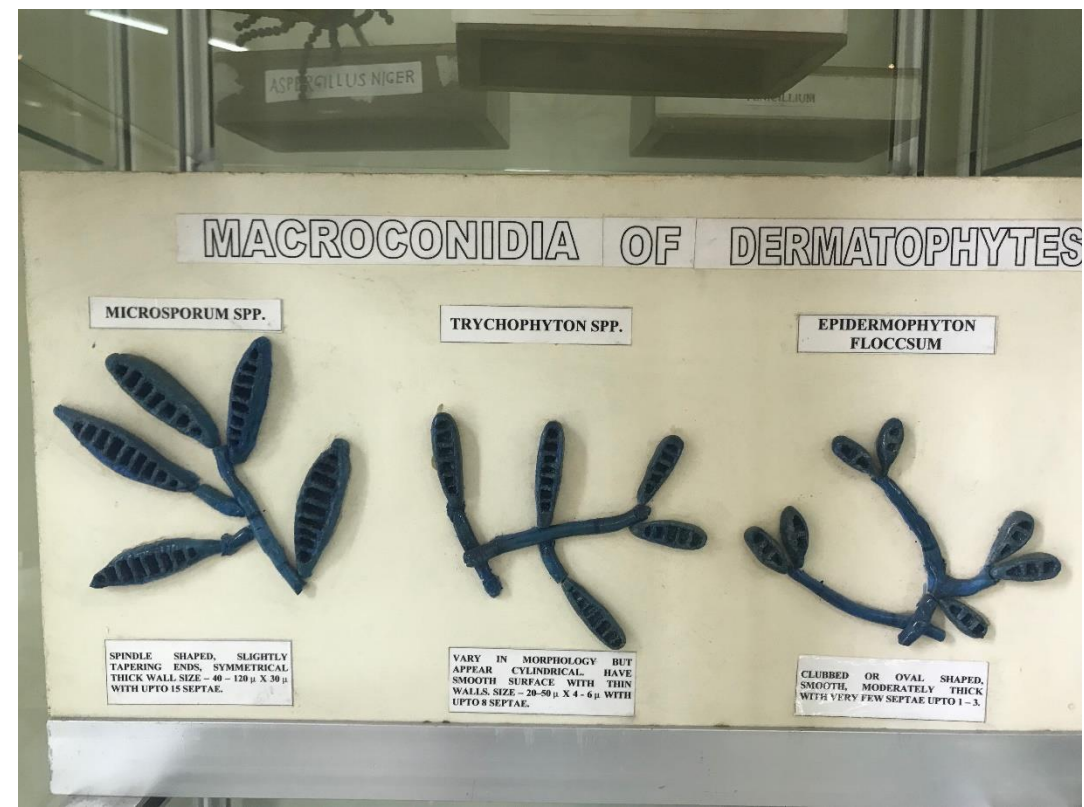
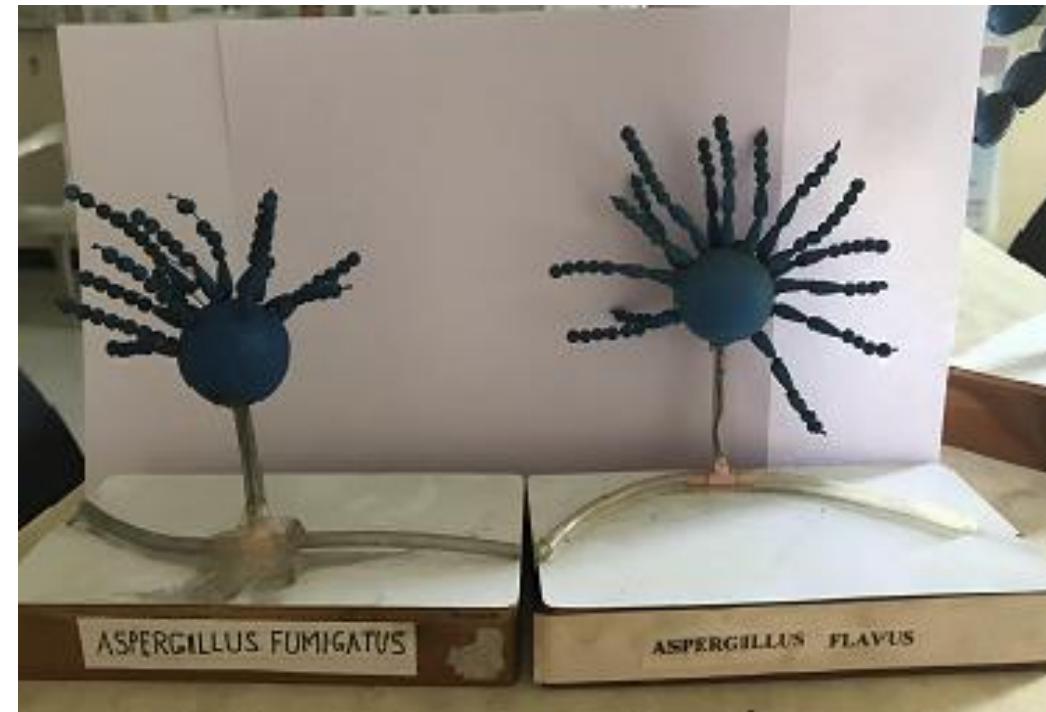
Model Virology made by UG students



Bacteriology Models



Mycology models



PUBLICATIONS

Faculty	Publications	
	National	International
Dr Lahiri K.K.	8	3
Dr Modak M.S.	8	9
Dr Bhatawadekar S.M.	4	13
Dr Dalal B.A.	4	6
Dr Tolpadi A.G.	2	5
Dr Thakar V. K.	6	2
Jadhavar S.R.	2	4
Dr Mane A.K.	-	3
Dr Suryawanshi K.S.	7	1
Dr Eashwernath R. P.	2	-
Sawant S.D.	-	1
Yadav L.S.	1	-

KNOWLEDGE EVENTS ORGANIZED

Event	Year	Title
State Conference	2011	MICROCON 2011
	2017	Pune Infecon 2017
State CME	2013	Antibiotic selection in the era of drug selection
	2017	Pitfalls in Microbiology reporting and ABST testing
Workshop	2015	Laboratory data Management and detection of Antimicrobial resistance
Undergraduate Quiz	2018	Zonal round of Maharashtra Chapter conference 2018

REVIEWER & MEMBERS OF ASSOCIATION

No.	Name of Faculty	Association
1	Dr. K. K. Lahiri	Medical Journal of Armed Forces, India. Indian Association of Pathologist and Microbiologist Indian Association of Mycoplasmologist
2	S.R. Jadhavar	International Journal of Health and Scientific Research
3	All Faculty	Indian Association of Medical Microbiologist (Life member) Hospital Infection Society

AWARDS - FACULTY



Dr. A.G.Tolpadi –Best paper at RESCON



Dr. S. M. Bhatwadekar

AWARDS - STUDENTS



भारती विद्यापीठ : विद्यापीठाच्या पदवीप्रदान समारंभात पदवी देताना डॉ. सत्यपाल

Dr Ankana Chakraborty – Gold medal (M.D.)



Dr Supriya Gambhir- Best paper

Robust HICC department



FUTURE PLANS

- To widen the scope of Molecular technology in applied diagnostic microbiology
- Introduce recent technology enabling early diagnosis of the clinical condition benefitting patient
- To organize Maharashtra Chapter Conference.