

DR VITHALRAO VIKHE PATIL FOUNDATION'S
MEDICAL COLLEGE & HOSPITAL



DEPARTMENT OF MICROBIOLOGY

**DEPARTMENTAL
PROFILE**

MESSAGE OF HEAD OF THE DEPARTMENT OF MICROBIOLOGY

It gives me immense pleasure to say that Department of Microbiology is progressing and improving on all the aspects of diagnostics and academics. Microbiology has arranged CME's, training programmes in infection control for students, nurses and class four workers successfully. This has helped them to update about the challenges of drug resistance and prevention of infections in hospitals. As there exists a huge gap between clinical practice and laboratory reporting because of lack of effective surveillance systems or the superbugs lurking in & around our hospital environments, We as microbiologists tried to apprise the clinicians and keep our selves updated to the existing patterns of infecting microbes, antimicrobial resistances and rational prescriptions. We have also carried out the activities like students seminars, demonstrations, clinical cases, integrated teaching for students to keep themselves updated with recent advances in diagnostics and importance of microbiology in clinical practice. I am giving the perfect opportunity for faculty and students research which will helps the community to combat drug resistance. I am benefited and thankful to the faculty members, clerk, technicians of the microbiology department, without which the above achievements were not possible. I am also thankful to the C.E.O Dr. Sujay Vikhe Patil Sir, Secretary General Dr. Sadananda Sir, Deputy Director Dr. Abhijit Diwate and Principal Dr. Sunil Mhaske Sir for kind cooperation and support given to me to carry out the activities.

Dr. Abhijit Awari
H.O.D
Department of Microbiology
DVVPF's Medical college
Ahmednagar



Maharashtra University of Health Sciences, Nashik

VISION

To disseminate knowledge of Microbiology amongst students & dedicated research compassionate medicine.

MISSION

- To introduce innovative methods of teaching to create interest about the subject in students
- To get students involved in research & publish papers

COURSES – UG – CURRICULUM

- Up gradation of museum with digital library
- Conduct various orientation programmes to spread knowledge of various communicable diseases
- To excel in all aspects of diagnostic procedures in Microbiology of the highest standards.

IInd MBBS Microbiology (As per Old Course)

- Duration: 1 Year 6 Months
- Total Hours of teaching: 254 hrs.
- Theory hrs. – 100hrs (Lecture's)
- Practical hrs. -74 hrs (Practical and Revision)
- Tutorial - 28 hrs
- Seminars - 26 Hrs

IInd MBBS Microbiology (As per CBME)

- Duration: 1 Years
- Total Hours of teaching: 190 Hrs. –
- Theory hrs. 71
- Practical hrs. $32 \times 2 = 64$,
- Integrated – $10 \times 2 = 20$ hrs.
- Small Group Discussion – 19 hrs.
- Self-Directed Learning – 10 hrs.
- Tutorial 6hrs
- AETCOM MODULE 2.5,2.6.2.7 TOTAL 16 HRS.

ALLIED COURSES TAUGHT

Bachelor of Physiotherapy

- Graduation in Physiotherapy – Subject- Microbiology
- Total Teaching Hours – 35 hrs.

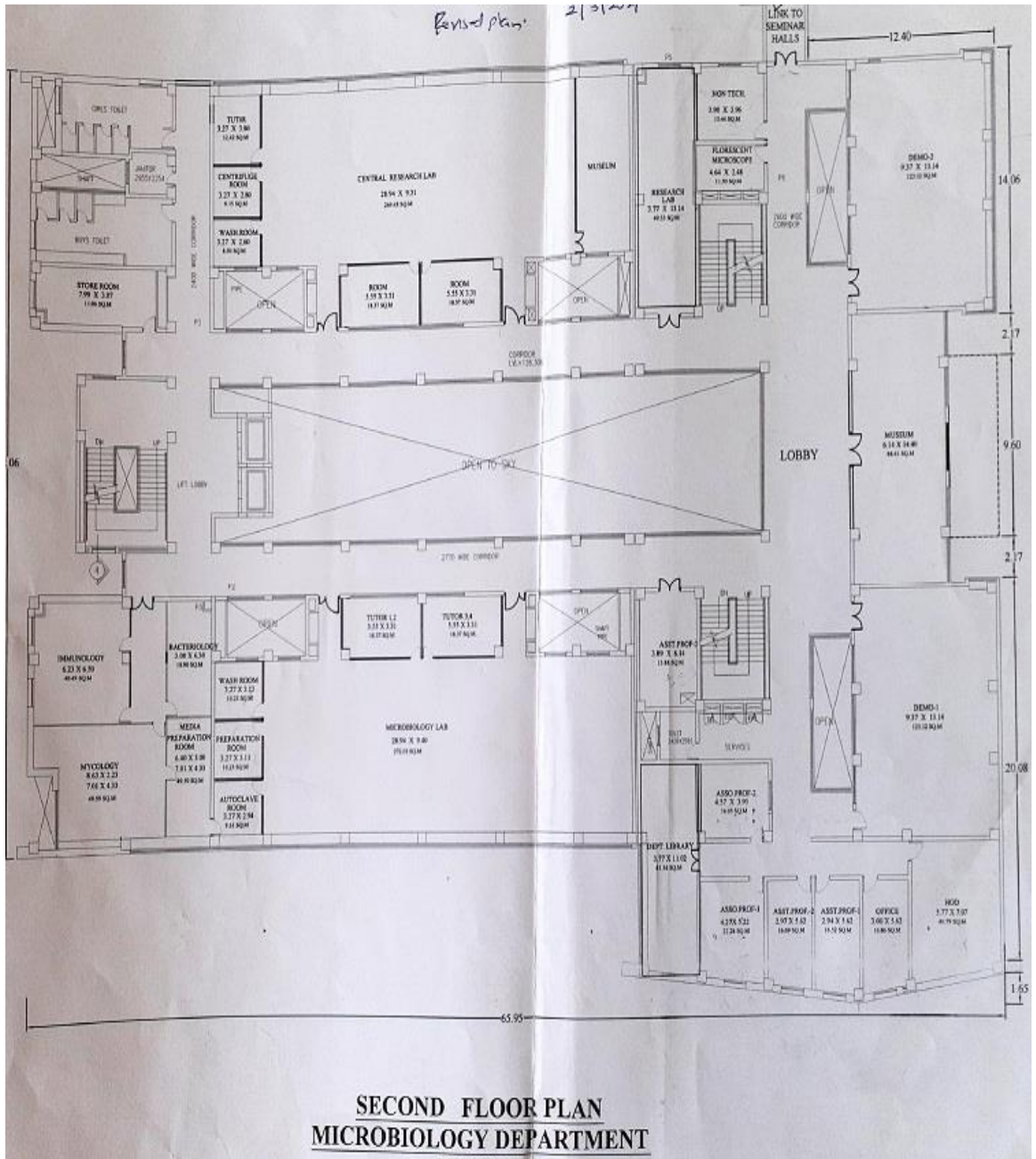
Bachelor of Nursing

- Graduation in Nursing – Subject- Microbiology
- Total Teaching Hours – 30 hrs.

RGNM

- Diploma in Nursing – Subject- Microbiology
- Total Teaching Hours – 19 hrs.

DEPARTMENT LAYOUT



INFRASTRUCTURE OF THE DEPARTMENT

Microbiology department is situated on the 2nd floor of medical college building and includes-

- **Faculty offices-**
 - ✓ HOD Office
 - ✓ Associate professor's office-02
 - ✓ Assistant professor's office-03
 - ✓ Tutors office-02

- **Non-teaching room-1**
 - ✓ **Departmental Office**
 - ✓ **Departmental library/Seminar room**
 - ✓ **Demonstration room- 02**
 - ✓ **Departmental Research lab**
 - ✓ **Practical preparation room**
 - ✓ **Sterilization room**

- **Washing room**
- **Media preparation room**
- **Fluorescence Microscope and Dark ground Microscope room**
- **Store room -01**
- **7 Service Laborites**
- **1 Bacteriology**
- **2 Serology**
- **3 Immunology**
- **4 Mycology**
- **5 Parasitology**
- **6 Virology /PCR**
- **7 Tuberculosis (TB)**

ROLE OF DEPARTMENT

The Department of Microbiology functions under the aegis of DVVPFS Medical College & Hospital. The Department is poised to meet the requirements of the medical fraternity at the institution. The Laboratory services available are proportionate to the clinical services offered in the institution. Investigation of a disease is an important part in the diagnosis of disease. With newer diagnostic techniques, it is now possible to detect various diseases using simple tests at a cost that the community can afford.

It highlights the basic laboratory techniques for processing clinical samples that should be stringently followed in our lab. All the major sections of the microbiology diagnostic services are present and the team of highly competent technologists deliver quality credible results in the minimum possible time. In the selection of techniques, particular attention has been paid to low cost, reliability and simplicity of methods and to the availability of resources in medium and small laboratories. The department of Microbiology is located on the second floor of the medical college building. The Microbiology laboratory is divided into various sections depending on the nature of tests carried out. The various sections are Bacteriology, Mycology, Parasitology, Virology/ PCR, Serology, Immunology, Mycobacteriology, media preparation & Storage. The department also runs an effective hospital infection control services.

SCOPE OF DEPARTMENT

Scope of diagnostic services offered by the department of Microbiology

● Microscopy -

- Gram staining
- Ziehl Neelsen staining (Z-N staining)
- Modified Z-N staining
- Albert staining
- Negative staining
- Plain wet mount
- Hanging drop techniques
- Iodine mount
- Lactophenol cotton blue
- KOH mount
- Dark ground microscope
- Spit skin smear staining by modified Z-n stain
- Bacteriological Index for *M. leprae*
- Morphological index for *M. leprae*

● Bacteriological test-

- Culture & sensitivity for blood (Including automated system)
- Culture & sensitivity for CSF
- Culture & Sensitivity for catheter tips
- Culture & sensitivity for throat swabs
- Culture and sensitivity for pus
- Culture and sensitivity for stool
- Culture and sensitivity for all body fluids
- Culture and sensitivity for urine
- Aerobic culture and sensitivity for all other samples

● Serological Test: -

- HIV 1 & 2 test
- HbsAg test
- Widal test
- VDRL/ RPR test
- RA factor
- ASO titre
- Western blot
- C-reactive protein
- Dengue NS1 antigen IgM & IgG

● Mycology: -

- KOH preparation
- Lactophenol Cotton blue mounts
- Slide cultures to identify the fungus
- Giemsa for fungus
- Culture for fungus

● Parasitology: -

Stool for parasites

- Wet mounts
- Iodine mounts
- Modified Z-N staining

- **Environmental samples: -**

- Aerobic & anaerobic Culture for OT Swabs
- Aerobic & anaerobic Culture for Pediatrics ICU Swabs
- Aerobic & anaerobic Culture for neonatal ICUS swabs
- Aerobic & anaerobic Culture for ICU's Swabs
- Settle plate for air surveillance in OT's
- Settle plate for air surveillance in OT's for PHC of Ahmednagar District
- Infection prevention and control services to hospital.

- **National programmes carried out by the department of Microbiology**

- **ICTC (Individual Counselling and Testing Centre)**
- **RNTCP (Revised National Tuberculosis Control Program)**

- **Specialized services provided by the department of Microbiology-**

- Automated blood culture.
- Real Time RTPCR
- Environmental surveillance (Water)
- OT Surveillance
- HICC
- CSSD surveillance (Biological indicators & Tapes)

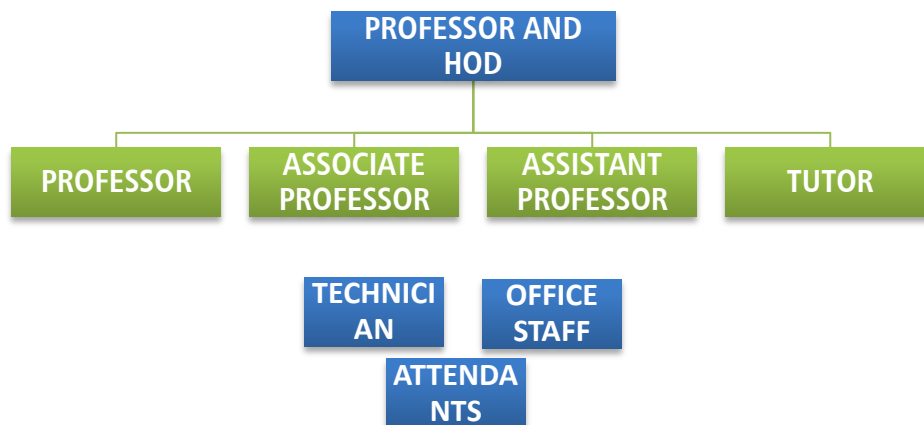
- **Services not provided**

- Antifungal susceptibility of moulds
- Viral Culture

ORGANOGRAM



ORGANIZATION PATTERN



DEPARTMENT FACULTY POSITION

Sr. No	Name	Designation
01	Dr. Abhijit Awari	Professor and HOD
02	Dr. Prachi Anchawale	Associate Professor
03	Dr. Mrs. Meghana Patankar	Associate Professor
04	Dr. Aparna Shinde	Assistant Professor
05	Mrs. Shraddha Prasad Gunjal	Assistant Professor
06	Mr. Prasad Niranjana Gunjal	Assistant Professor
07	Mr. Nagaraju Devrapalli	Assistant Professor
08	Dr. Gunjan Ahuja	Tutor
09	Dr. Anil Zarekar	Tutor
10	Dr. Nagare S. N.	Tutor

HEAD OF THE DEPARTMENT

DR. ABHIJIT AWARI



- **Qualification:** MBBS, MD Microbiology,
- **Infection Control Course** – 1 Month duration - Medversity – 2021.
- **Designation:** Professor and HOD
- **Date of joining:** 01-11-2014
- **Years of teaching experience:** 21 Yrs.
- **MUHS Teacher & Guide Approvals For**
 1. UG: Letter No. MUHS/UG/E-1/53/1305/5013/2016 dated 04/07/2016.
 2. PG: Letter No. MUHS/PG/E-1/1305/27/2778/16 dated 25/10/2016
- **MMC Registration no.:** R. No. 2000/08/2852 Dated 07/08/2000
- **Publication:** 21
- **Membership:**
 1. Indian Association of Medical Microbiologist.
 2. Editorial board member in "Journal of Microbiology and Related Research." Red Flower Publications.

ASSOCIATE PROFESSOR

DR. PRACHI ANCHAWALE



- **Qualification:** MBBS, MD Microbiology
- **Designation:** Associate Professor
- **Date of joining:** Assist. Prof.: 10-02-2017
- **Date of joining:** Asso. Prof.: March 2021
- **Years of teaching experience:** 4 yrs. 7Months.
- **MUHS Teacher & Guide Approvals For**
 1. UG:
 - **MMC Registration no.:** R. No. 2009/03/1375 Dated 26/03/2009
 - **Publication:** 2
 - **Membership:**
 1. Indian Association of Medical Microbiologist
 2. IMA Ahmednagar

ASSOCIATE PROFESSOR

DR. MRS. MEGHANA S PATANKAR



- **Qualification:** MBBS, MD Microbiology
- **Designation:** Associate Professor
- **Date of joining:** 01/09/2021
- **Years of teaching experience:** 09 yrs. 2 Months
- **MUHS Teacher & Guide Approvals For**
 1. UG: 1. Assistant Prof.: Letter No. MUHS/E-1/1305/2585/2006.
 2. UG: 2: Associate Prof: Letter No.MUHS/UG/E-1/57444/3896/2011.
- **MMC Registration no.:** R. No. 2009/03/1375 Dated 26/03/2009
- **Publication:** 2
- **Membership:**
 1. Indian Association of Medical Microbiologist
 2. IMA Ahmednagar

ASSISTANT PROFESSOR

DR. APARNA SHINDE



- **Qualification:** MBBS, MD Microbiology
- **Designation:** Assistant Professor
- **Date of joining:** 21/12/2018
- **Years of teaching experience:** 2 yrs. 11 Months.
- **MUHS Teacher & Guide Approvals For**
 1. UG:
 - **MMC Registration no.:** R. No. 2006/10/3260 Dated 26/10/2006
 - **Publication:** 1
 - **Membership:**
 1. Indian Association of Medical Microbiologist
 2. IMA Ahmednagar

ASSISTANT PROFESSOR

MRS. SHRADDHA P GUNJAL

Photo



- **Qualification:**
- M.Sc. Medical Microbiology,
- Ph.D. Scholar (DPU, Pune)
- **Designation:** Assistant Professor
- **Date of joining:** Tutor: 13.03.2006 to 31/03/2009.
- **Date of joining:** Assist. Prof.: 01.04.2009
- **Years of teaching experience:** 15 yrs. 7 Months.
- **MUHS Teacher & Guide Approvals For**
 1. UG: Assistant Professor.: Letter No. MUHS/UG/E-1/57482/4398/2011 dated 20/10/2011 (Permanent)
- **Publication:** 12
- **Copyrights:** 02

ASSISTANT PROFESSOR

MR. PRASAD N GUNJAL



- **Qualification:**
- M.Sc. Medical Microbiology,
- Post graduate Diploma in Clinical Research and Regulatory Affairs
- Ph.D. Scholar (MUHS, Nashik)
- **Designation:** Assistant Professor
- **Date of joining:** 02/09/2009
- **Years of teaching experience:** 15 yrs. 2 Months.
- **MUHS Teacher & Guide Approvals For**
 1. UG: 1. Tutor: Letter No. MUHS/E-1/57482/4398/2011 dated 20/10/2011(Permanent).
 2. UG 2. Assistant Professor: Letter No. MUHS/UG/E-1/53/1305/5013/2016 dated 04/07/2016 (Permanent)
- **Publication:** 13
- **Copyrights:** 02

ASSISTANT PROFESSOR

MR. NAGARAJU DEVRAPALLI



- **Qualification:**
- M.Sc. Medical Microbiology,
- Ph.D. Scholar (People's University, Bhopal, MP)
- **Designation:** Assistant Professor
- **Date of joining:** Tutor: 21.04.2016
- **Date of joining:** Assist. Prof.: 01.06.2019
- **Years of teaching experience:** 5 yrs. 2 Months.
- **MUHS Teacher & Guide Approvals For**

UG:

- **Publication:** 1

TUTOR

Dr. Gunjan Ahuja



- **Qualification:** MBBS
- **Designation:** Tutor
- **Date of joining:** 09-04-2012
- **Years of teaching experience:** 9 yrs. 6 Months.
- **MUHS Teacher & Guide Approvals For**
 1. UG:
 - **MMC Registration no.:** R. No. 2011/06/2090 Dated 22/06/2011
 - **Publication:**
 - **Membership:**
 1. IMA Ahmednagar

TUTOR

Dr. Anil Zarekar



- **Qualification:** MBBS
- **Designation:** Tutor
- **Date of joining:** 29-01-2014
- **Years of teaching experience:** 7 yrs. 9 Months.
- **MUHS Teacher & Guide Approvals For**
 1. **UG:**
 - **MMC Registration no.:** R. No.55206 Dated 18/12/1985
 - **Publication:**
 - **Membership:**
 1. IMA Ahmednagar

TUTOR

Dr. S. N. Nagare



- **Qualification:** MBBS
- **Designation:** Tutor
- **Date of joining:**
- **Years of teaching experience:** 6 yrs. 11 Months.
- **MUHS Teacher & Guide Approvals For**
 1. **UG:**
 - **MMC Registration no.:**
 - **Publication:**
 - **Membership:**
 1. IMA Ahmednagar

NON-TEACHING STAFF

Sr. No	Name of the Staff	Designation
1.	Mr. Shaikh S. R.	Lab Tech
2.	Ms. Tarawade H. J.	Lab Tech
3.	Ms. Sayyad A.T.	Lab Tech
4.	Mr. Saindane D. J.	Lab Tech
5.	Mr. Pawade G. P.	Lab Tech
6.	Ms. Kanchan Bhagawat	Lab Tech
7.	Ms. Satpute S. B.	Lab Tech
8.	Mrs. More V. S.	Clerk
9.	Mrs. Patole Rekha	Attendant
10.	Mrs. Aher Vaishali	Attendant

DUTIES AND RESPONSIBILITIES OF DEPARTMENTAL STAFF

Professor and Head of Department

To perform duties given under statutory provisions of Vikhe patil medical college and Medical Council of India and Maharashtra Medical Council.

To Abide by various rules, acts and laws related to Medical Education and Hospital services Acts related to various allied specialties, enacted by State Government and Government of India for the purpose of conducting various Medical Undergraduate, Postgraduate, Super Specialty courses and Paramedical courses.

To maintain and continually improve the desired standards of Medical education, Research and Hospital services with reference to NAAC, NABH, JCI and other accreditation authorities.

To implement policies laid down from time to time in order to work towards achieving the Vision and mission of the Institution.

Strive to keep up and improve on the reputation of the institution as a Centre of Excellence in the field of Medical Education, Research and Hospital services.

To maintain disciplined, polite, ethical, moral and humanitarian culture in the department and institution at large.

Academic Activities/ Responsibilities Administrative and supervisory duties: -

To perform all such duties under statutory provision of various acts laid down by the University which, govern the services of the staff working in the department. This also includes laws, Acts and rules applicable and adapted by the university.

To perform all such duties under statutory provision of various acts laid down by the University which, govern the services of the staff working in the department. This includes the laws, Acts and rules applicable and adapted by the university.

Prepare annual budget for the Departments which will be further be incorporated in the Institution's budget

Establishment of matters like control over staff of the department by-

Distribution of duties and responsibilities Administrative, Academics, Clinical and outreach activities etc.

Discipline, Regularity and punctuality by maintaining muster roll, movement registers etc.

Leave matters, vacations, personal files, Proposals for promotion

Monitor academic and clinical performance of staff from time to time and encourage them to improve and update themselves so as to achieve excellence.

To serve memorandum and call for explanations from undisciplined, irregular, irresponsible, erring staff and propose suitable action against them.

Initiate the annual performance appraisals of staff.

Participation in Mentorship program.

Laboratory Duties and responsibilities:

The Clinical duties are governed by various Acts, Rules and Laws amended and enacted by the central, state government and local bodies, Medical council of India and the institution to name a few.

Indian Medical Council Act 1956 and amendments.

Code of Medical Ethics 2002.

Consumer Protection Act 1986.

Biomedical waste (Management Handling) Rules 2016 under Environmental Protection act 1986.

Perform duties to ensure continuous improvement in quality of services to the patients through effective service delivery system.

To maintain investigation reports of patients under his care in a legible and responsible manner.

To suggest techniques and methods of management in order to upgrade quality of patient care.

Comprehensive Management of the different sections in the department so that the patients get proper treatment and advice and there is no Medical negligence as a result of violation/infringement or breach of code of Medical Ethics. Care should be taken to see that the medical profession and its dignity and reputation of the institution are not disgraced in the slightest It is binding on a medical professional to attend in emergencies as and when required beyond the regular duty hours.

Should see that the standard guidelines for prevention of hospital Associated Infection Control are practiced religiously in his department and unit, he should take containment measures when infections occur and put them on record and report to competent authorities.

Should help to decide a policy and procedure on prevention of outbreaks of hospital acquired infection. Biomedical waste management Biosafety measures, Barrier nursing isolation protocols and train his department staff resident doctors and students on the issues

Should take round of the cases related to Microbiology and antibiotic policy.

Counselling done for certain investigations. Example: Pertest counselling and post-test counselling in case of HIV testing. The responsibility of such counselling should be fixed on a senior faculty.

Prepare the departmental protocol for performing and interpretation of tests.

Patients & relatives written record and consent where ever necessary should be mandatory.

Responsible for maintenance and updating all records of academics, research, clinical and administrative nature related to his unit.

With help of his/her department members he/she should prepare lists of materials like media and reagents for usage in his/her department. Tentative quantities of these should be decided.

Should monitor the consistent availability of laboratory equipment and materials in all sections of the units in the department. Short supplies of any of these materials should immediately be pointed out to competent authority.

Any other Additional Duty/ Responsibility Assigned By head of The Department, Institution, University and Management.

He/ She should be readily available for duties on his/her emergency days, on any day for emergency call related to patients of his/her unit, of other unit when he/she is locum for the concerned faculty.

He/ She should be readily available for duty in cases of disaster, Natural calamity and when the institution desires his services.

Training Programme for biosafety and procedures for the staff, technicians and Class IV employees of the department.

Attend academic council and Board of management of para clinical studies meetings

Perform University duties for para-clinical subjects assigned, from time to time like Setting question papers, moderation, conduct of exams etc.

Guide for Micro-teaching classes in the dept.

Guidance in all routine diagnostic work in the Microbiology diagnostic services

Guidance in Antibiotic data presentation in the quarterly HICC meetings

Guidance in timely reporting in the automation section of the Microbiology diagnostic services

Guidance in the timely reporting of results of PCR. LIPA and CBNAAT in the molecular diagnostic section in the laboratory

Guidance in Internal and External quality control. (EQAS).

Co-ordinate in projects (Departmental, Interdisciplinary and Inter college)

Guiding students of other clinical dept. in hands on training in Microbiology service laboratory

Guidance in preparing annual budget of the dept.

Job Title	Professor
Reports to	Head of Department

To perform duties given under statutory provisions of Dr. Vikhe Patil Medical College and Medical Council of India and Maharashtra Medical Council.

To Abide by various rules, acts and laws related to medical Education and Hospital services Acts related to various allied specialties, enacted by State Government and Government of India for the purpose of conducting various Medical Undergraduates, Postgraduates, Super Specialty courses and Paramedical courses.

To maintain and continually improve the desired standards of Medical education, Research and Hospital services with reference to NAAC, NABH, JCI and other accreditation authorities. To perform all such duties under statutory provision of various acts laid down by the University which govern the services of the staff working in the department. This also includes laws, Acts and rules applicable and adapted by the University.

Monitoring performance (Academic & clinical) of faculty & apprising them about the areas that need improvement. Helping and guiding them bring about desired change

Establishment matters like control over staff of the unit-

Distribution of duties and responsibilities administrative, Academics, Clinical and outreach.

Discipline, regularity and punctuality by maintaining muster roll, movement register etc.

Leave matters, vacations.

Monitoring academic and clinical performance of staff from time to time and encourage them to improve and update themselves so as to achieve excellence. Call explanations from indiscipline, irregular, irresponsible and erring staff and propose suitable action against them.

To initiate, encourage, guide and help faculty in the dept in conducting research and publish research papers of high quality in journals of desired status. The research should try to be oriented to have academic and social impact.

To identify the aptitude, competencies and special interests of the faculty and give them suitable job responsibilities or value additions to their regular duties. Organize core competency development program.

To prepare and pursue proposal for qualitative up gradation of the unit, department and institution at large. This up-gradation may be academic, research, clinical facilities, outreach health activities, achievable through change in physical infrastructure, up-gradation in equipment,

To identify potential talents amongst staff and encourage them to achieve better and newer skills through in service training, fellow ships, refresher courses through institutional resources whenever possible.

Up grading and updating departmental and central library

Purchase of new equipment and keeping existing equipment in good working condition by timely repairs and servicing through proper mechanisms.

Should organize guest lectures, live workshops by renewed professionals and also participates in such activities in other institutions.

Should do research work, produce publications, participate in conferences, workshops, seminars, symposia etc. at Institutional, State, National and International levels. He/ She should encourage and persuade his faculty to do so.

Be Vigilant about ragging, gender harassment and welfare of physically handicapped staff and students.

While proceeding on leave of any kind or vacation after making a locum arrangement of permission from head of department & institution. Observe this in case of unit member.

Participation in Mentor-ship program.

Duties and responsibilities: Laboratory services

The Clinical duties are governed by various Acts, Rules and Laws amended and enacted by the central, state government and local bodies, Medical council of India and the institution to name a few.

Indian Medical Council Act 1956 and amendments.

Code of Medical Ethics 2002. Consumer Protection Act 1986.

Biomedical waste (Management Handling) Rules 2016 under Environmental Protection act 1986.

Perform duties to ensure continuous improvement in quality of services to the patients through effective service delivery system.

To maintain, investigation reports of patients under his care in a legible and responsible manner.

To suggest techniques and methods of management in order to upgrade quality of patient care.

To supervise work of all residents.

Comprehensive Management of the sections in the department so that the patients get timely report and there is no Medical negligence as a result of violation/infringement or breach of code of Medical Ethics. Care should be taken to see that the medical profession and its dignity and reputation of the institution are not disgraced in the slightest. It is binding on a medical professional to attend in emergencies as and when required beyond the regular duty hours.

Should see that the standard guidelines for prevention of hospital Associated Infection Control are practiced religiously in his department and unit, he should take containment measures when infections occur and put them on record and report to competent authorities.

Should help to decide a policy and procedure on prevention of outbreaks of hospital acquired infections, Biomedical waste management, Biosafety measures, Barrier nursing

isolation protocols and train his department staff resident doctors and students on these issues. Should take round of the cases related to Microbiology and antibiotic policy

Patient and relatives should be explained about the investigations and if necessary, do pre-test and post-test counselling. The responsibility of such counselling should be fixed on a senior faculty.

Responsible for maintenance and updating all records of academics, research, clinical and administrative nature related to his unit.

With help of his department member he should prepare lists of material required for diagnostic work. Tentative quantities of these should be decided.

Should monitor the consistent availability of essential materials for diagnostic work in all sections of his dept. Short supplies of any of these should immediately be pointed out to competent authority.

Guide for Micro-teaching classes in the dept.

Guidance in all routine diagnostic work in the Microbiology diagnostic services

Guidance in Antibiotic data presentation in the quarterly HICC meetings

Guidance in timely reporting in the automation section of the Microbiology diagnostic services

Guidance in the timely reporting of results of PCR, LIPA and CBNAAT in the molecular diagnostic section in the laboratory

Guidance in Internal and External quality control. (EQAS).

Co-ordinate in projects (Departmental, Interdisciplinary and Inter college)

Guiding students of other clinical dept. in hands on training in Microbiology service laboratory

Guidance in preparing annual budget of the dept.

Any Other additional duty/ responsibility assigned by head of the Department, Institution, University and Management.

He/ She should readily available for duties on his emergency days, on any day for emergency call related to patients of his unit, of other unit when he/she is locum for the concerned faculty.

He/ She should be readily available for duty in cases of disaster, Natural calamity and when the institution desires his services.

Job title	Associate Professor
Reports to	Head of Department Professors

To perform duties given under statutory provisions of Dr. Vikhe Pail Medical College and Medical Council of India and Maharashtra Medical Council.

To Abide by various rules, acts and laws related to medical Education and Hospital services Acts related to various allied specialties, enacted by State Government and Government of India for the purpose of conducting various Medical Undergraduate, Postgraduate, Super Specialty courses and Paramedical courses.

To maintain and continually improve the desired standards of Medical education Research and Hospital services with reference to NAAC, NABH, JCI and other accreditation authorities. To perform all such duties under statutory provision of various acts laid down by the

University which govern the services of the staff working in the department. This also includes laws, Acts and rules applicable and adapted by the University.

To implement policies laid down from time to time in order to work towards achieving the Vision and Mission of the Institution.

Strive to keep up and improve on the reputation of the institution as a Centre of Excellence in the field of Medical Education Research and Hospital services.

To maintain disciplined, polite, ethical, moral and humanitarian culture in the department and institution at large.

Academic Activities/ Responsibilities

Achieve desired levels of academic performance.

To help HOD to organize, distribute, monitor, punctuate and also perform academic activities like conduct graduate teaching & training activities as per schedule in collaboration with Head of the dept, Bed side clinical investigations,

Conducting Tutorials, Periodic tests and examinations. Inter disciplinary teaching, Instructions programs for slow learners, Conducting University Examinations-Theory and practical

Work as paper setter, Moderator etc.,

About dissertation subjects to the PG students allotted to him/her facilitate, punctuate and periodically assess his/her work and see that the desired targets are achieved in time,

Participation in Mentor-ship program

Prepare a time bound teaching and training schedule along with building clinical competence and strive to achieve desired objective in time.

Imbibe work culture, good bed side manners, cordial inter personal relations amongst them, Make PG residents conversant with communication skills and counselling procedures,

To work as HOD when he is on leave/vacation/out of station for duty purpose.

They should seek timely guidance from the seniors, Conduct and encourage postdoctoral research, encourage students to participate in extracurricular activities, at College, University & higher levels, Guiding & helping faculty to develop teaching skills by allotting theory classes and clinical teachings under supervision of seniors.

Identifying weak areas of faculty in teaching, learning, research clinical skills etc. and overcoming the problems by suitable counselling and guidance.

Ensuring availability of optimal facilities so as to achieve and improvise clinical skills.

Monitoring performance (Academic & clinical) of faculty & apprising them about the areas that need improvement. Helping and guiding them bring about desired change

Establishment matters like control over staff of the unit.

Distribution of duties and responsibilities administrative, Academics, and laboratory services.

Discipline, regularity and punctuality by maintaining muster roll, movement register etc.

Leave matters, vacations.

Monitoring academics and clinical performance of staff from time to time and encourage them to improve and update themselves so as to achieve excellence.

Call explanations from indiscipline, irregular, irresponsible and erring staff and propose suitable action against them.

To initiate, encourage, guide and help faculty in the dept in-conducting research and publish research papers of high quality in journals of desired status. The research should try to be oriented to have academic and social impact.

To identify the aptitude, competencies and special interests of the faculty and give them suitable job responsibilities or value additions to their regular duties. Organize core competency development program.

To prepare and pursue proposal for qualitative up gradation of the department and institution at large. This up-gradation may be academic, research, diagnostic services, achievable through change in physical infrastructure, up-gradation in equipment.

To identify potential talents amongst staff and encourage them to achieve better and newer skills through in services training, fellowships, refresher courses through institutional resources whenever possible.

Up grading and updating departmental and central library

Purchase of new equipment and keeping existing equipment in good working condition by timely repairs and servicing through proper mechanisms.

Should organize guest lectures, live workshops by renowned professionals and also participates in such activities in other institutions.

Should do research work, produce publications, participate in conferences, workshops, seminars, symposia etc. at institutional, State, National and International levels. He/ She should encourage and persuade his faculty to do so.

Be Vigilant about ragging, gender harassment and welfare of physically handicapped staff and students.

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Indian Medical Council Act 1956 and amendments.

Code of Medical Ethics 2002.

Consumer Protection Act 1986.

Biomedical waste (Management Handling) Rules 2016 under Environmental Protection act 1986.

Perform duties to ensure continuous improvement in quality of services to the patients through effective services delivery system.

To maintain medical records, investigation reports of patients under his care in a legible and responsible manner.

To suggest techniques and methods of management in order to upgrade quality of patient care.

To supervise work of the residents.

Comprehensive Management of the department so that the patients get proper treatment and advice and there is no Medical negligence as a result of violations/infringement or breach of code of Medical Ethics. Care should be taken to see that the medical profession

and its dignity and reputation of the institution are not disgraced in the slightest. It is binding on a medical professional to attend in emergencies as and when required beyond the regular duty hours.

Should see that the standard guidelines for prevention of hospital Associated Infection Control are practiced religiously in his department and unit, he should take containment measures when infections occur and put them on record and report to competent authorities.

Should help to decide a policy and procedure on prevention of outbreaks of hospital acquired infections, Biomedical waste management⁴ Biosafety measures, Barrier nursing isolation protocols and train his department staff resident doctors and students on these issues.

Should take round of the cases related to Microbiology and antibiotic policy.

Patients and relatives should be explained about this investigative plan and counselled accordingly. A written record of such counselling should always be maintained. The responsibility of such counselling should be fixed on a senior faculty.

Counselling of patient and relatives about some investigations preferably in writing should be routine. There should be a mechanism to inform such cases to seniors in the dept.

Responsible for maintenance and updating all records of academics, research, clinical and administrative nature related to his unit.

Guide for Micro-teaching classes in the dept.

Guidance in all routine diagnostic work in the Microbiology diagnostic services

Participate in timely reporting in the automation section of the Microbiology diagnostic services

Participate in the timely reporting of results of PCR, LIPA and CBNAAT in the molecular diagnostic section in the laboratory

Participate in Internal and External quality control. (EQAS).

Co-ordinate in projects (Departmental, Interdisciplinary and Inter college)

Participate in guiding students of other clinical dept. in hands on training in Microbiology service laboratory

Participate in preparing annual budget of the dept.

With help of his department member he should prepare lists of vital, essential and desirable material required for diagnostic work. Tentative quantities of these should be decided.

Should monitor the consistent availability of vital and essential materials in all sections of the dept. Short supplies of any of these should immediately be pointed out to competent authority.

Any Other additional duty/ responsibility assigned by head of the Department, Institution, University and Management.

He/ She should be readily available for duties on his emergency days, on any day for Emergency call related to patients of his unit, of other unit when he/she is locum for the concerned faculty.

Job Title	Assistant Professor
Reports to	Head of Department

To perform duties given under statutory provisions of Dr. Dr. Vikhe Patil Medical college and Medical Council of India and Maharashtra Medical Council.

To Abide by various rules, acts and laws related to Medical Education and Hospital services Acts related to various allied specialties, enacted by State Government and Government of India for the purpose of conducting various Medical Undergraduates, Postgraduates, Super Specialty courses and Paramedical courses.

To maintain and continually improve the desired standards of Medical education, Research and hospital services with reference to NAAC, NABH, JCI and other accreditation authorities. To perform all such duties under statutory provision of various acts laid down by the University which governs the services of the staff working in the department. This also includes laws, Acts and rules applicable and adopted by the University.

To implement policies laid down from time to time in order to work towards achieving the Vision and mission of the Institution.

Strive to keep up and improve on the reputation of the institution as a Centre of Excellence in the field of Medical Education, Research and Hospital services.

To maintain disciplined, polite, ethical, moral and humanitarian culture in the department and institution at large.

Academic Activities/ Responsibilities

Assistant Professor is responsible and answerable to seniors and Head of the department, Head of the Institution and management.

To perform academic activities like-

Conduct Graduate and Post-Graduate teaching & training activities as per schedule in collaboration with Head of the dept

Bed side clinical investigations

Conducting Tutorials, Periodic tests and examinations.

Inter disciplinary teaching,

Special Instructional programs for slow learners,

Participation in Mentorship program

Prepare a time bound teaching and training schedule along with building clinical competence and strive to achieve desired objective in time for PG in his unit.

Help to ensure regularity, punctuality and discipline amongst PG residents in his unit

Imbibe work culture, cordial inter personal relations amongst residents & students, Make residents & students conversant with communication skills and counselling procedures,

To work as in charge when directed to do so by the department Head.

Arrange to teach PG students the various treatment protocols and their limits in decision making. They should in no way exceed the limits of their clinical competence but seek timely guidance from the seniors if case arises.

Encourage students to attend conferences & participate in STS& like projects.

Encourage students to participate in extracurricular activities, at college, University & higher levels,

Guiding & helping residents to develop teaching skills and diagnostic skills under supervision.

Identifying weak areas of in teaching, learning, research clinical skills etc. and overcoming the problems by suitable guidance from senior.

Ensuring availability of optimal facilities so as to achieve and improvise clinical skills.

Monitoring performance (Academic & clinical) of residents & students and apprising them about the areas that need improvement. Helping and guiding them bring about desired change.

Utilizing departmental and central library.

Proposing of new equipment and keeping existing equipment in good working condition by timely repairs and servicing through proper mechanisms.

Should do research work, produce publications, participate in conferences workshops, seminars, symposia etc. at Institutional, State, National and International levels. He/She should encourage and persuade his residents to do so.

Be vigilant about ragging, gender harassment and welfare of physically handicapped staff and students.

While proceeding on leave of any kind or vacation after making a locum arrangement of permission from Head of Department & institution.

Duties and responsibilities: diagnostic services!

The Clinical duties are governed by various Acts, Rules and Laws amended and enacted by the central, state government and local bodies, Medical council of India and the institution to name a few.

Indian Medical Council Act 1956 and amendments.

Code of Medical Ethics 2002.

Consumer Protection Act 1986.

Biomedical waste (Management Handling) Rules 2016 under Environmental Protection act 1986.

Assistant Professor is the first level of qualified specialist in the hierarchical pattern and is therefore responsible for diagnostic management of every patient. He will follow the time table of the dept to which he is attached and attend various sections of the lab. in strict adherence to time schedules.

Assistant Professor is responsible and answerable to the Hospital Administration with regards to Hospital protocols, procedures and diagnostic work.

The clinical duties and responsibilities of Assistant Professor are as follows:

Perform duties to ensure continuous improvement in quality of services to the patients through effective service delivery system.

Participate in all routine diagnostic work in the Microbiology diagnostic services

Participate in timely reporting in the automation section of the Microbiology diagnostic services

Participate in the timely reporting of results of PCR, LIPA and CBNAAT in the molecular diagnostic section in the laboratory

Participate in Internal and External quality control. (EQAS).

Co-ordinate in projects (Departmental, Interdisciplinary and Inter college)

Participate in guiding students of other clinical dept. in hands on training in Microbiology service laboratory

Participate in preparing annual budget of the dept.

To maintain investigation reports of patients attending the hospital in a legible and responsible manner.

Participate in guiding students of other clinical dept. in hands on training in Microbiology service laboratory

To suggest techniques and methods of management in order to upgrade quality of patient care.

Maintenance of stock cultures in the service

Maintenance of the Museum laboratory

To supervise work of dept residents and technicians

It is binding on a medical professional to attend in emergencies as and when required beyond the regular duty hours.

Should see that the standard guidelines for prevention of hospital Associated Infection Control are practiced religiously in his department t, he should take containment measures when infections occur and put them on record and report to competent authorities.

Should help to follow the policy and procedure on prevention of outbreaks of hospital Acquired Infection, Biomedical waste management, Biosafety measures, Barrier nursing isolation protocols and train his department staff resident doctors and students on these issues.

Should take round of the cases related to Microbiology and antibiotic policy.

The investigations done should be of justifiable and of diagnostic and prognostic value which are taken into consideration while changings the patient management plan.

Patient and relatives should be explained about this plan and counselled accordingly. A written record of such counselling should always be maintained. The responsibility of such counselling should be fixed on a senior faculty.

Counselling of patient and relatives about diagnostic matters preferably in writing should be routine. There should be a mechanism to inform such cases to concerned in the dept.

Patients & relatives written record and consent where ever necessary should be mandatory.

Responsible for maintenance and updating all records of academics, research, clinical and administrative nature related to the dept.

With help of his department member he should prepare lists of vital, essential and desirable material required for diagnostic work. Tentative quantities of these should be decided.

Should monitor the consistent availability of vital and essential materials in all sections of the dept. Short supplies of any of these should immediately be pointed out to competent authority.

An Assistant Professor is the first level qualified specialist. He/she is required to provide maximum of his/her time for diagnostic work for patients' management. While doing so, he/she should simultaneously impart hands on training to the Resident PGs

He/She should discharge this duty as a service to the profession, his specialization and the society at large.

He/ She should be readily available for duties on his emergency days, on any other day for emergency call related to patients of the dept.

He/ She should be readily available for duty in cases of disaster, Natural calamity and when the institution desires his services.

Any other additional duty/responsibility assigned by head of the Department, Institution, University and Management.

Job Title	Tutor
Reports to	Head of Department, Professor, Asso. Prof., Assist. Prof.

Role and Responsibilities: Academic

Tutor is a link between the faculty and students.

He/ She will be teaching for under graduate students.

They are required to participate in:

Conducting tutorials, practical's periodic tests and examinations,

Inter-disciplinary teaching,

Special Instructional programs for slow learners,

Any other academic work given by the HOD and Institute.

To demonstrate practical procedures to UG Students.

To perform emergency duties at Central Clinical Laboratories (CCL).

To perform processing and reporting of specimens received in CCL.

Responsibilities and Duties of Lab Technician-

Sets up and prepares class demonstrations and experiments working from knowledge of the subject area, reference materials, course outline, and without specific instructions.

Processing of clinical specimens received in CCL and work in shift duties at CCL.

Work according to emergency duties at CCL.

Orders, receive, supplies the stocks materials and equipment for laboratory use.

Issues and maintains records on materials loaned to students, instructors, and other departments;

Demonstrates and provides instruction to students in proper use and care of laboratory materials and equipment; assists in maintaining security of laboratories, laboratory equipment, supplies, and materials.

Prepares and dispenses solutions and chemical materials used for lab classes which may include reagents, chemicals, acids, stains and unknowns.

Prepares stains, solutions, and preservatives by mixing, bottling, and labelling.

Cleans up after each lab session by washing, and if necessary, sterilizing tools, equipment and supplies. May calibrate, maintain, and perform repairs on scientific equipment and supplies.

May assist faculty in assembling printed class materials.

May supervise and assign work of student assistants.

May maintain expenditure records and provide data for budget estimates.

Monitors production of, collects, and processes hazardous waste materials and toxic chemicals resulting from lab classes, collects and properly stores biohazard waste.

Responsibilities and Duties of Department clerk

Responsible for reporting and assisting to all faculty of the department.

Responsible for daily UG attendance and time table record.

Assisting teaching faculties in conduction of exams.

Maintenance of all records in department.

Maintenance of UG internal assessment files.

Circulation of academic circulars to the faculty members.

Responsibilities and Duties of Department Lab attendant

One Attender and one sweeper were appointed for the physiology department

Opens cleans the Teaching and Non-teaching rooms in the morning at 8:00 am.

Open the class rooms and demo rooms before the lecture hours and the library as and when required for the staff for reading the books.

During the practical hours they open the required practical labs

Closes all the teaching and non-teaching staff rooms and laboratories at 5:00pm Circulate all the academic circulars which are communicated from dean and HOD office to all the teaching and Non-teaching staff members.

Duties and responsibilities of research lab in charge

It is mandatory to maintain silence in the research lab. To motivate the students for research purpose.

To assist the students and faculties in proper usage of the resources in the research lab. To monitor and maintain a register for issuing and returning the instruments.

To collect fine from the students and faculties if they are not returning the instruments after the use or any breakage of instrument as per breakage policy of the lab.

To observe the instruments and other related materials are placed in the appropriate place of the research lab.

To monitor and check the maintenance of research lab instruments timely and maintain the register.

Duties and responsibilities of library in charge

It is mandatory to maintain silence in the library.

To assist the staff in proper usage of the resources.

To maintain a register for issuing and returning the books.

To collect the issued books in time.

To collect fine from the faculty if they are not returning after the due date.

To observe the books, Journals and CDs/DVDs are placed in the appropriate departmental library shelves in the Library.

ADDITIONAL RESPONSIBILITIES OF FACULTY

Name Of Staff	Additional Responsibilities
<p>Dr. Abhijit Awari (Professor & HOD)</p>	<ul style="list-style-type: none"> • Appointed Subject expert – • RMC, Loni, Demmed to be University (2017). • D.Y. Patil Dental College, Pune (2018). • PG Guide (MD) – People’s University Bhopal, MP • Appointed as subject expert by MUHS, Nashik • Kashibai Nawale Medical College, Pune – 2018. • Vedanta Institute of Medical Sciences, Palghar, Thane-2019. • Dr. Vasantao Pawar Medical College, Adgaon, Nashik. – (May 2019 & Aug 2019). • SMBT Medical College, Igatpuri, Nashik – 2020 • ACPM Medical College, Dhule – 2020. • Vedanta Institute of Medical College, Palghar, Thane 2021. • MUHS – Paper setter & Examiner – MBBS, MD & allied. • Chairperson – National Research Conference -DVVPF’s MCH, 2020. • Investigating Chairman – Food poisoning committee, DVVPF’s MCH. • Appointed by MUHS as LIC Inspector – • TMC, Navi Mumbai (2018). • Seth G.S. Medical College, Mumbai (2018).

	<ul style="list-style-type: none"> • Member – COVID Death Audit Task Force, Ahmednagar Civil Hospital, Ahmednagar. • Lab Director – COVID RT-PCR Laboratory. • Infection Control and Prevention Officer – DVVPPF's Medical College and Hospital. • Member – NABH Committee, DVVPPF's Medical College and Hospital, Ahmednagar. • Coordinator – Institutional Academic Cell. • Coordinator -Health Education Committee, DVVPPF's MCH • Resource Person – • DVVPPF's College of Physiotherapy – 2018. • DVVPPF's College of Physiotherapy -2019. • DVVPPF's College of Nursing -2020. • DVVPPF's College of Engineering- 2021. • DVVPPF's College of Physiotherapy – 2021. • DVVPPF's Medical College, Dept of Physiology -2021. • Member of Editorial Board – Red flower Journals. • Rector – Boys Hostel, DVVPPF's MCH. • Judge – For Physiotherapy Week – 2018.
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ADDITIONAL RESPONSIBILITIES OF FACULTY

Name Of Staff	Additional Responsibilities
Dr. Prachi Anchawale (Associate Professor)	<ul style="list-style-type: none"> • Coordinator – Institutional Mentorship Programme • Member – Institutional website formation committee. • Member – Institutional Food inspection committee. • Female coordinator (member) – NSS Unit. • Incharge – Central Clinical Laboratory (Microbiology) • Incharge – Practical Hall (Department) • MUHS – Examiner - MBBS • Rector – Girl’s Hostel
Dr. Mrs. Meghana S Patankar (Associate Professor)	<ul style="list-style-type: none"> • MUHS – Examiner – MBBS, BDS • Member – Departmental Academic Activities
Dr. Aparna Shinde (Assistant Professor)	<ul style="list-style-type: none"> • Member- VIMS Academic Cell Committee. • Member – Mentorship Committee. • Incharge – Academic Activities (Department). • Mentor – MBBS Batch (10 Student’s)

ADDITIONAL RESPONSIBILITIES OF FACULTY

Name Of Staff	Additional Responsibilities
Mrs. Shraddha P Gunjal (Assistant Professor)	<ul style="list-style-type: none"> • Editor’ in ‘chief – VIMS Wall Magazine. • Associate Editor’ in’ chief – Institutional Annual Reports, DVVPF’s Medical College and Hospital. • Secretary – Medical Education Technology Unit, DVVPF’s Medical College and Hospital, Ahmednagar. • Mentor – MBBS Batch 2017 (10 Student’s) • Member – Institutional Women Cell, DVVPF’s MCH.

	<ul style="list-style-type: none"> • Member – Institutional Bio-ethics Committee, DVVPF's MCH. • Incharge – Departmental Library.
Mr. Prasad N Gunjal (Assistant Professor)	<ul style="list-style-type: none"> • Incharge Coordinator – MUHS Student's Welfare • Incharge coordinator – VIMS Nature's Club. • Mentor – 2016 MBBS Batch (10 Student's). • Member – Institutional Anti-ragging Committee. • Member – Institutional Food Committee. • Member – Institutional SC/ST Committee. • MUHS – Paper setter – BPTH • External Examiner – MUHS & DUP, Pune- BDS • External Examiner – Theory Assessment – BDS, BPTH - RMS, Loni, Demmed to be University.

ADDITIONAL RESPONSIBILITIES OF FACULTY

Name Of Staff	Additional Responsibilities
Mr. Nagaraju Devrapalli (Assistant Professor)	<ul style="list-style-type: none"> • Coordinator – NAAC Criteria 3. • Coordinator – Departmental NAAC Coordinator. • Mentor – 2020 MBBS Batch (10 Student's).

MANTANENCE OF THE DEPARTMENT

STANDARD OPERATING PROCEDURE

GENERAL DEPARTMENTAL FUNCTIONING

- The faculty members are required to sign biometrics before 9:10 am and while leaving the department at 5.00 pm.
- The teaching and non-teaching faculty members are required to sign the departmental register before 9.30 am daily. Those having lectures at 9 o'clock they should sign the register and go for the lecture or for any other work of the institution and while leaving the department at 5.00 pm.
- Faculty should not leave the department without head of the department permission.
- Any sort of leave should be informed to Head of the Department and in absence of HOD leave should be informed to Head in charge.
- The faculty members are required to carry out their duties as per the defined protocols provided to them.
- The faculty members should get involved in daily programs of the department.
- The faculty members are required to attend interdepartmental academics activities as per scheduled timetable.
- The faculty members are required to attend departmental meetings with the head of the department.
- It is required for all faculty members to apply for leave with prior intimation.
- Senior faculty members are required to sensitize their juniors and the students for research activities in particular and they are required to publish at least one article in one academic year as per norms.
- All teachers as a part of the department are required to follow the fruitful communication skill with their colleagues & students for achieving best outcomes and for departmental functioning.

- Technical staff is required to assist faculty in assembling printed class materials.
- Technical staff will Sets up and prepares class demonstrations and experiments working from knowledge of the subject area, reference materials, course outline, and with specific instructions by headof the department.
- Clerical staff is required to maintain daily UG attendance, leave records of faculty and Circulation of academic circulars to the faculty members and display of weekly academic schedule for students to noticeboard of the department.
- Attendant appointed for the Microbiology Department are required to come at 8:00 am in the morning and will do their routine activity like opening the offices, laboratories, museum and departmental library and its cleaning and dusting.
- They should close all the offices, laboratories, museum and departmental library at 5:00pm and deposition of keys under supervision of clerical staff.

Classrooms

- All Class Rooms are cleaned every day before the classes commence.
- The Class Rooms are well ventilated and lighting facilities are regularly inspected.
- Most of the class rooms have white boards.
- Wi- Fi facility is available in all the classrooms.
- Class rooms are ICT enabled. LCD projectors are used to aid and improve the teaching-learningprocess.

Departmental laboratories for students

- DOAP sessions and practical are conducted in the laboratories.
- Technical staff will Sets up and prepares class demonstrations and experiments from knowledge of the course outline and per specific instructions from the Head of the Department •
- Students will check the laboratory schedule a day earlier, read up the relevant topic from the practical book.
- Wearing of apron is mandatory in the laboratories.
- Students should bring the appropriate journals when attending a practical class.
- Technical staff will Demonstrates and provides instruction to students in proper use and care of laboratory materials and equipment; assists in maintaining security of laboratories, laboratory equipment, supplies, and materials
- All students will take care for maintaining the laboratories in a clean, tidy, safe condition. Eating, drinking and cell phones are not allowed in the laboratories.
- Pay due attention to the practical demonstration given by your teacher before each experiment.
- Microscopes required for performing experiments will be delivered only after signing in the record register with laboratory technician.
- Check the Microscope being issued to you. If there is any breakage or damage to the Microscope & Slides, it must be reported to the technician before starting the experiment. After completion before returning they shall be cleaned properly.
- The students must know the aims and objectives of the experiment; perform the experiment in orderly manner.
- Working area on the work table must be clean; equipment's should be placed in proper manner & handled carefully.
- During Staining practical's instructions regarding handling of reagents, Microscopes, spirit lamp & match box are given to student.
- Do not throw any used Matchsticks & pieces of papers into the sink, put all oil & reagents bottle on their proper place.
- Match sticks and pieces of papers are required to dispose in yellow container.
- Technical staff will Cleans up after each lab session by washing, and if necessary,

sterilizing tools, equipment and supplies.

- Lab attendant will clean up the surfaces of student practical lab experimental table with absorbent material, then add 1% hypochlorite, after 20 min mop it and then clean it with plain water. Dispose this absorbent material into red container.
- Maintain the humanity and compassion with the provided subject.
- Before starting the practical explain the topic & procedure to the student.
- Do not indulge in useless gossip; you can discuss your difficulties with technician or teacher.
- Writing of Journals with Correct diagrams & in good handwriting is essential.
- After completion of experiment, complete the concerned topic & get it checked by the concerned teacher.

Library

- The departmental library is open for all faculties and UG students of Department of Microbiology during college hours.
- All users are required to sign the register kept with the clerk of the department who has been designated as custodian of the library.
- Irrespective of the status of the faculty member or the student seniority; all are required to take permission before withdrawing the books for reading purpose and put signature and relevant details of the book / journal in the register.
- After reading the books, on return sign the register with due time and date.
- Custodian is instructed to inform HOD the names of the faculty members / students who are breaking library rules.
- Books will be issued to the faculty for a minimum period of fifteen days (15) days to a maximum period of one-month (30) days.
- Faculty members can hold a maximum of Three (3) books.
- The book so issued must be returned within one month of the date of book issued.
- Books not returned within one month of the last date will incur a fine of Rs 10/- per day.
- The book so issued lost by the faculty incur a charge of the price of the Book.

SOP for E-library

- E-Library is available and accessible in the central and departmental library.
- The password is kept open in the library and with the custodian and can be utilized for academic purpose.
- The facilities LAQ's, SAQ's and MCQ's are available on E-Library, various text and journal extensions, textbook and journals are available on E-Library. The list of which is available with the librarian.
- Individual having their own laptop may access this facility for E-Library and home /office for self-use.
- In case of any difficulties in operation one can approach In charge of central library on extension No. 314 during college hours.

Teaching program

- Before starting the UG Academic session the teaching schedule will be discussed and allotted to concern teachers under the guidance of head of the department
- Master time table (term wise) will be prepared for the same undergraduate academic session.
- During the actual academic session clerical staff will prepare and display weekly teaching schedule on departmental notice board under the guidance of head of the department
- It is required that clerical staff will maintain the attendance register of the undergraduate students for teaching sessions and exams conducted by the department.
- Teaching staff will Conduct Graduate teaching & training activities as per schedule
- Teaching staff will also conduct practical's, Tutorials, Periodic tests and examinations in the department
- Teaching staff will Conduct University examinations - Theory and Practical as per schedule of university
- Instructions programs for slow learners will be arranged.
- Head of the department will ensure regularity, punctuality and discipline amongst

UG students. Imbibe work culture, cordial inter personal relations amongst them.

- Teaching Faculty will assist the HOD in clearing all observations on departmental UG teaching related issues.

Learning and Evaluation

- The time bound teaching and training schedule with aim of building clinical competence and strive to achieve desired objective in time for UGs.
- Learning and communication skills of UG students will be developed by
- Encouraging students to participate in conference, extracurricular activities, at college, university & higher levels.
- Identifying weak areas of students in learning and research etc. and overcoming the problems by suitable counseling and by guidance.
- Organizing guest lectures, live workshops, CME, Conferences by renowned professionals.
- Conducting seminars, integrated teaching, small group learning, problem-based learning and early clinical exposure sessions.
- Arranging model and chart making and presentation competition at the institution and intercollege level
- The progress of undergraduate students will be assessed and evaluated by
- Essay questions, clinical problems, modified essay questions (MEQs) checklists, OSCE, student projects, MCQs, Critical reading papers, rating scales, log book, audit, self-assessment, peer assessment.

Procurement of equipment/ chemicals / glassware

- The Technical staff informs the teacher- in-charge about the stock of chemicals, glassware and equipment.
- Requisition from department for requirement of equipment/ Chemicals / Glassware in every academic year is send to purchase department by head of the department
- Order is placed through Principal's office.

- The equipment and chemicals are entered in the main stock register of the department by the technical staff along with bill number

Issue of glassware/equipment's to students

- Glass apparatus are issued to the students by the technical staff
- A breakage register is maintained in each lab where broken equipment is recorded with the students and teachers' signature.
- Chemical prepared in each lab is also maintained in a register.
- Record of apparatus issued on daily basis is recorded in a separate register.

Maintenance of equipment's

- Dusting of equipment and working area are carried out on a regular basis.
- Maintenance of equipment is carried out every six months.
- Working condition of equipment is routinely checked by technical staff under the guidance of head of the department.

First aid procedures

- Assess the situation. Be sure the situation is safe for you to approach. The following dangers will require caution: live electrical wires, gas leaks, building damage, fire or smoke, poisoning, any medical emergencies and violence.
- A responsible staff should stay at the scene and give help until the person designated to handle emergencies arrives.
- Send word to the person designated to handle emergencies. This person will take charge of the emergency, render any further first aid needed and call for additional resources as required.
- Follow the guidelines for neck and spine injuries to move a severely injured or ill student or staff for immediate safety.
- Under no circumstances should a sick or injured student be sent home without the knowledge and permission of the parent or legal guardian.

- In the presence of a life threatening emergency, call 0241-2778042 (extension casualty 100, MICU 300, Dean 272 , MIDC Police station 0241- 241 6123 or local emergency number.
- Contact immediately to departmental in charge. Head of the department Dr. Abhijit Awari 7057027826, Dr. Prachi Anchawale 7709726785, Dr. Mrs. Meghana Patankar 9850842435, Mrs. Shraddha Gunjal 9764870716, Mr. Gunjal Prasad 9049116053, Dr. Aparna Shinde 9850192802, Mr. Nagaraju Devrapalli 9561515124.
- The responsible college authority or a designated employee should then notify the parent or legal guardian of the emergency as soon as possible to determine the appropriate course of action.

RESEARCH PROTOCOL

Motivation to the students and faculties for the utilisation of research facilities in the dept.

- Ensure the availability of instrument for the research topic selected.
- Discussion with other the faculty members and head of the department for different inputs.
- Finalise the research work to be done. Get the approval from the head of the department
- Apply for the presentation in front of the ethical and technical committee. Get its approval.
- If funded project then registers for ICMR or other agencies. Start the project.
- Timely feedback about research progress to guide and head of the department.
- After collection of data and calculations discuss with other staff members and head of the department.
- After completion process it for presentations or publications.

DEPARTMENT HEAD WITH DURATION

Sr No	Name of HOD	Duration	Total
1	Dr. Viraj Bhate	1/08/2004	31/10/2006
2	Dr. Anatha Nagendra	01/11/2006	30/06/2009
3	Dr. A. V. Nalawade	01/10/2009	31/06/2010
4	Dr. S. K. Kher	01/02/2010	20/06/2010
5	Dr. A. V. Nalawade	21/06/2010	31/03/2011
6	Dr. S.K. Kher	01/04/2011	05/02/2013
7	Dr. A.V. Nalawade	06/02/2013	28/02/2014
8	Dr. S. K. Kher	01/03/2014	31/08/2014
9	Dr. A. V. Nalawade (offg.)	01/09/2014	31/10/2014
10	Dr. Abhijit Awari	01/11/2014	Present

UNDERGRADUATE TOPPER'S

List of Second Year MBBS Topper students

Sr. No	Name Of Students	Marks	Academic Year
1	KUBAL SAHIL VILAS	118/150	2015
2	HAKIM YUSUF SHAIKHADAM	123/150	2016
3	DIXIT ASMITA MANOJ	121/150	2017
4	CHAUDHARI PRANALI GANESH	119/150	2018
5	KORDE ANJALIAJIT	122/150	2019
6	PATIL RUCHA RADHAKRISHNA	126/150	2020

UNDERGRADUATE WITH DISTINCTION

List of II MBBS Distinction students

Sr. No	YEAR	NAME OF THE STUDENT	MARKS OBTAINED
1.	2015	KUBAL SAHIL VILAS	118/150
2.	2016	HAKIM YUSUF SHAIKHADAM	123/150
		MANGE RIDDHI MAHENDRA	117/150
3.	2017	DIXIT ASMITA MANOJ	121/150
		GHOGRE MANASI RAVINDRAKUMAR	115/150
4.	2018	BORHADE ROHAN VILAS	116/150
		CHAUDHARI PRANALI GANESH	119/150
		DASH ARNNIMAR PRAMOD	118/150
		GIDWARI SHIVANI SHYAM	114/150
		KAHALEKAR POOJA HANMANT	115/150
		TANEJA RITU RAJESH	114/150
5.	2019	ANNSHREE PRADEEP	113/150
		CHORDIA AAYUSH KUMAR	118/150
		KORDE ANJALI AJIT	122/150
		MEHERWAL ESHA HIMMAT	116/150
		SISODIA GAYATRI MAHENDRA	118/150
6.	2020	PATIL RUCHA RADHAKRISHNA	126/150
		VAISHNAVI RAVI	121/150
		SONAWANE SHANTANU CHANDRAKANT	117/150
		TAKAWANE NAYAN UDDAV	116/150
		POTARE ANIRUDDHA SANTOSH	115/150
		JAGTAP PRANALI MOTILAL	115/150
		KUMBHAR RUPESH RAVINDRA	114/150
		PATIL UDAY SURESH	113/150

FACULTY PUBLICATIONS

Dr. Abhijit Awari,

Prof & Head Department of Microbiology- Publications

Sr. No.	Name of Article	Authors	Name of Journal	Indexed In	Publication Details			
					Year	Month	Vol. No	Page No
1.	Antibacterial activity of plant extract on MRSA (Third Author) June 2010 Vol. 5(1); 262-265.	Dr. Abhijit Awari	International Journal of Plant Sciences	International Index – ISSN	2010	June	5	262-265
2.	A study of salmonellosis with reference to Salmonella typhi in enteric fever.(First Author) June 2011 Vol. 5 (3); 467-469	Dr. Abhijit Awari Dr. Sunita Nighute	JCDR	National Index ISSN - 0973-709x	2011	June	5 (3)	467-469
3.	Surgical wound infections: A prospective hospital based study. (First Author) Nov 2011, Vol. 5(7); 1367-1370	Dr. Abhijit Awari Dr. Sunita Nighute	JCDR	National Index ISSN - 0973-709x	2011	Nov	5 (7)	1367-1370
4.	Incidence of metallo-betalactamase producing Pseudomonas aeruginosa in Kesar Medical College and Hospital,Ahmedabad (First Author) 2012,Vol.3(1); 32-35	Dr. Abhijit Awari Dr. Sunita Nighute	IJBR	International Index ISSN- 0976-9633	2012		3 (1)	32-35
5.	Incidence of bacterial meningitis with special reference to latex agglutination test (First Author)2012 Vol. 27	Dr. Abhijit Awari Dr. Sunita Nighute	JRAAS	International ISSN – 0970 1990 ST Code 08	2012		27 (15)	65-68

	(15); 65-68							
6.	Species distribution and antifungal susceptibility profile of <i>Candida</i> isolated from urine samples. (First Author) Sept. 2012 Issue 4 Vol. 1, 357-360	Dr. Abhijit Awari Dr. Sunita Nighute	IJBAMR.	Index ISSN. 2250-2858	2012	Sept	1	357-360
7.	Intestinal parasitic infection in HIV infected patients, Ahmedabad (First Author) Jun 2012, 28:82-84	Dr. Abhijit Awari Dr. Sunita Nighute	JRAAS	International Index ISSN – 0970 1990 ST Code 08	2012	June		82-84
8.	Study of urinary isolates with reference to extended spectrum beta lactomases detection & antibiogram. (First Author)Mar. 2013, Vol. 2 Issue 9; 1049-1053	Dr. Abhijit Awari Dr. Sunita Nighute	JEMDS	National Index-		Mar	2	1049-1053
9.	Mobile phones: Potential vector for Nosocomial infection.(Second Author)2014, Vol. 3 Issue 8; 505-510	Dr. Abhijit Awari	WJPR	International ISSN – 2277-7105	2014		3	505 - 510
10.	Unusual Pigment Fungal Keratitis by <i>Fonsecaea Copper Pennies</i> (Third Author)2014, Case Report – 25(1); 28-30	Prakash Chand Agarwal, Anjali Sharma, V.K. Saini, Dr. Abhijit Awari	Delhi J ophthalmol	National Index	2014	Sept	27	28-30
11.	<i>STUDY OF MRSA ISOLATED FROM ULTRASONOGRAPHY</i>	Dr. Abhijit Awari	EJPMR	International ISSN 3294 -	2016	Jan	3 (2)	223-225

	<i>PROBES WITH REFERENCE TO ANTIBIOGRAM. (FIRST AUTHOR) 2016, 223-225</i>	Dr. Sunita Nighute		3211				
12.	<i>BACTERIOLOGICAL PROFILE OF UNCLEAN ULTRA SONOGRAPHY PROBES WITH ANTIBIOGRAM, (FIRST AUTHOR), 2016;</i>	Dr. Abhijit Awari Dr. Sunita Nighute	JMRR	International ISSN 2395-6623	2016	Jun	2	29-32
13.	<i>BRAINSTEM AUDITORY EVOKED POTENTIAL IN DIFFERENT AGE GROUPS, 2012</i>	Dr. Sunita Nighute Dr. Maria Khatoon, Dr. Abhijit Awari	IJBR	International	2012		3 (06)	271-276
14.	Study of pulmonary function tests amongst smokers & non smokers in rural area of Gujrat.1151-1153, 2011	Dr. Sunita Nighute Dr. Abhijit Awari	JCDR	Index Copernicus, embase, scopus Google scholar	2011	Nov	5	1151-1153
15.	Numerical alterations in differential wbc count in chronic smokers, 2012.	Dr. Sunita Nighute Dr. Abhijit Awari	Journal of recent advances In applied science	Index Copernicus,	2012	Dec	25	
16.	Cardiovascular response to chronic tobacco smoking with reference to Electrocardiogram and Blood pressure, 2012	Dr. Sunita Nighute Dr. Abhijit Awari	IJBR	Index Copernicus, google Scholar.	2012		Vol 3 ,	42-45.
17.	Study of Klebsiella Species Producing ESBL Isolated from USG Probes 2017	Dr. Abhijit Awari, Tejas Tamhane, Sushil	Journal of Microbiology & Realated Research		2017	Dec.	3	

		Kachewar						
18.	Aerobic bacteriological profile of post operative wound infection in tertiary care hospital, Bhopal , 2018	Mamta Meena ¹ , Abhijit Awari	Journal of Microbiology and Related Research		2018	Jan	Vol 4 Issue 1	
19.	The effect of Honeybee propolis solution as an adjunct to scalin and root planning, In patient with chronic periodontitis: A clinico-Microbiological Study 2018	Shraddha Mali, Nilima Rajhans, Nikesh Moolya, Abhijit Awari	ACTA Scientific Dental Sciences		2018		2	107-113
20.	Burden of ESBL with antibiogram in clinical isolates of E. Coli & Klebsiella species from tertiary care hospital in central India. 2018	Dr. Surender Kaur, Dr. Abhijit Awari	Indian Journal of Microbiology Research	National Index	2018	Dec	5	497-503
21.	Study of 'Biomedical waste management' with reference to knowledge, attitude & Practices among healthcare workers in a multispecialty teaching hospital,v Nov 2020	Dr. Prachi Anchawale, Dr. Abhijit Awari	Med Pulse Journal of Microbiology	Index Copernicus, Google scholar, Research gates Print 2550-7648, online – 2636-4646	Nov. 2020	Nov.		

Dr. Prachi Anchawale,

Associate Professor Department of Microbiology, Publications

Sr No	Name of Topic	Author	Journal	Index/ Non index	Impact factor
1.	Study of 'Biomedical waste management' with reference to knowledge, attitude & Practices among healthcare workers in a multispecialty teaching hospital, v Nov 2020	Dr. Prachi Anchawale , Dr. Abhijit Awari	Med Pulse Journal of Microbiology	Index Copernicus, Googlescholar, Research gates Print 2550-7648, online – 2636 - 4646	
2.	Prevalence of Methicillin Resistant Staphylococcus aureus (MRSA) and Multidrug Resistance among them in a Tertiary Care Rural Hospital, Nov 2020	Dr. Prachi Anchawale	International Journal of Current Microbiology & Applied sciences	Index Copernicus, Google scholar, Research gate ISSN: 2319-7706	

Dr. Mrs. Meghana Patankar,

Associate Professor Department of Microbiology, Publications

Sr No	Name of Topic	Author	Journal	Index/ Non index	Impact factor
1.	Resistance pattern of N. gonorrhoea isolates from a Tertiary Care Hospital(Second Author) Jun 2011	Dr. Patankar M. S. Mr. Prasad Gunjal	The Antiseptic	National Journal Indexed ISSN – 0003-5998	Non impact factor
2.	Aero bacteriological surveillance of operation theatre. Jul 2011 (Second Author)	Mrs. Shraddha P Gunjal Mr. Gunjal Prasad Dr. Mrs. M S. Patankar	The Antiseptic	National Journal Indexed ISSN – 0003-5998	Non impact factor

Mrs. Gunjal Shraddha Prasad,

Assistant Professor Department of Microbiology, Publications

Sr No	Name of Topic	Author	Journal	Index/ Non index	Impact factor
1.	Resistance pattern of N. gonorrhoea isolates from a Tertiary Care Hospital Jun 2011	Patankar MS, Gunjal PN, Gunjal SP, Kher SK	The Antiseptic	National Journal Indexed ISSN – 0003-5998	Non impact factor
2.	Aero bacteriological surveillance of operation theatre. Jul 2011.	Gunjal SP, Gunjal PN, Patankar MS, Kher SK	The Antiseptic	National Journal Indexed ISSN – 0003-5998	Non impact factor
3.	A cross sectional study to determine the profile and antibiotic resistance pattern of Gram Negative Bacilli isolated from intensive care unit patients in a tertiary care hospital in Ahmednagar, Maharashtra. 2012.	Gunjal PN, Gunjal SP, Kher SK	I J B A R.	International Journal Indexed ISSN – 2229-3809	0.566 (UIF)
4.	In vitro activity of ceftazidime/sulbactam and cefepime/ sulbactam in combination against ESBL producing isolates. Jan-Feb 2014	Ambekar AW, Gunjal PN, Gunjal SP	02(01), Page No. 25-28	Unique journal of pharmaceutical and biological sciences (UJPB)ISSN 2347-3614	Non-impact
5.	Determination of Baseline Widal Titres among apparently healthy blood donors in Ahmednagar, Maharashtra, India. Dec 2013.	Gunjal SP, Gunjal PN, Patil NK, Nagaraju V, Nalawade AV, Banerjee S, Kher SK	JCDR	International Journal Indexed ISSN – 0973-709x	0.23

6.	Carbapenem resistance profile amongst Escherichia coli & Klebsiella pneumoniae in a tertiary hospital in Ahmednagar, Maharashtra.	Gunjal SP, Gunjal PN, Nagaraju V, Kher SK	IJMRHS	International Journal Indexed ISSN – 2319-5886	Non impact factor
7.	“Knowing Ebola: Beast from the bats. 2015, (Second Author)	Gunjal PN, Gunjal SP	VIMSH J	International Journal Indexed ISSN – 2347-3614	Non impact factor
8.	Assessment of sensitivity pattern of cefepime alone and ceftazidime/ sulbactam in combination, against ESBL producing gram negative isolates from tertiary care hospital. A study from Ahmednagar Maharashtra (Second Author), 2015/04 (08)/743-750	Gunjal PN, Gunjal SP	World Journal of Pharmacy & Pharmaceutical Sciences	ISSN- 2278-4357	7.421
9.	Comparative in vitro activity of Ceftazidime alone & Ceftazidime/ Sulbactam against ESBL producing Gram Negative isolates from tertiary care Hospital. A study from Ahmednagar, Maharashtra. (Second Author), 2018/14(03/84-91)	Gunjal PN, Gunjal SP	Ecronicon Microbiology open access Journal	2453-188X	Non impact factor
10.	Determination of ESBL Production and antibiotic resistance profile of Escherichia coli isolated from patients with urinary tract infections. A study, March 2020	Gunjal PN, Gunjal SP	VIMS health Sciences Journal	2454- 1954	
11.	Determination of baseline titer for anti-Brucella antibodies in apparently healthy blood donors in	Gunjal SP, Pandit DP, Gunjal PN	International Journal of scientific	Google scholar 2277	

	Ahmednagar, Maharashtra, March 2020, Page 23-29		Research		
12.	Seroprevalence of anti-Brucella antibodies in febrile illness in a tertiary care hospital, Ahmednagar, Maharashtra, July 2020	Mrs. Shraddha Gunjal, Pandit DP, Gunjal PN	International Journal of scientific Research	Pub-med, google scholar	

Mr. Gunjal Prasad Niranjana

Assistant Professor Department of Microbiology, Publications

Sr No	Name of Topic	Author	Journal	Index/ Non index	Impact factor
1.	Role of Brucella in causation of osteoarticular diseases	DP Pandit, Gunjal PN	Indian Journal of Rheumatology Special Supplement Issue (only abstracts)	National Journal Indexed ISSN 9733698	0.38
2.	Resistance pattern of N. gonorrhoea isolates from a Tertiary Care Hospital Jun 2011	Patankar MS, Gunjal PN, Gunjal SP, Kher SK	The Antiseptic	National Journal Indexed ISSN – 0003-5998	Non impact factor
3.	Aero bacteriological surveillance of operation theatre. Jul 2011.	Gunjal SP, Gunjal PN, Patankar MS, Kher SK	The Antiseptic	National Journal Indexed ISSN – 0003-5998	Non impact factor

4.	A cross sectional study to determine the profile and antibiotic resistance pattern of Gram Negative Bacilli isolated from intensive care unit patients in a tertiary care hospital in Ahmednagar, Maharashtra. 2012.	Gunjal PN, Gunjal SP, Kher SK	I J B A R.	International Journal Indexed ISSN – 2229-3809	0.566 (UIF)
5.	In vitro activity of ceftazidime/sulbactam and cefepime/ sulbactam in combination against ESBL producing isolates. Jan-Feb 2014	Ambekar AW, Gunjal PN, Gunjal SP	02(01), Page No. 25-28	Unique journal of pharmaceutical and biological sciences (UJPB)ISSN 2347-3614	Non-impact
6.	Determination of Baseline Widal Titres among apparently healthy blood donors in Ahmednagar, Maharashtra, India. Dec 2013.	Gunjal SP, Gunjal PN, Patil NK, Nagaraju V, Nalawade AV, Banerjee S, Kher SK	JCDR	International Journal Indexed ISSN – 0973-709x	0.23
7.	Carbapenem resistance profile amongst Escherichia coli & Klebsiella pneumoniae in a tertiary hospital in Ahmednagar, Maharashtra.	Gunjal SP, Gunjal PN, Nagaraju V, Kher SK	IJMRS	International Journal Indexed ISSN – 2319-5886	Non impact factor
8.	"Knowing Ebola: Beast from the bats. 2015, (Second Author)	Gunjal PN, Gunjal SP	VIMSH J	International Journal Indexed ISSN – 2347-3614	Non impact factor
9.	Assessment of sensitivity pattern of cefepime alone and cefepime/ sulbactam in combination, against ESBL	Gunjal PN, Gunjal SP	World Journal of Pharmacy & Pharmaceutical	ISSN- 2278-4357	7.421

	producing gram negative isolates from tertiary care hospital. A study from Ahmednagar Maharashtra (Second Author), 2015/04 (08)/743-750		Sciences		
10.	Comparative in vitro activity of Ceftazidime alone & Ceftazidime/ Sulbactam against ESBL producing Gram Negative isolates from tertiary care Hospital. A study from Ahmednagar, Maharashtra. (Second Author), 2018/14(03/84-91)	Gunjal PN, Gunjal SP	Ecronicon Microbiology open access Journal	2453-188X	Non impact factor
11.	Determination of ESBL Production and antibiotic resistance profile of Escherichia coli isolated from patients with urinary tract infections. A study, March 2020	Gunjal PN, Gunjal SP	VIMS health Sciences Journal	2454- 1954	
12.	Determination of baseline titer for anti-Brucella antibodies in apparently healthy blood donors in Ahmednagar, Maharashtra, March 2020, Page 23-29	Gunjal SP, Pandit DP, Gunjal PN	International Journal of scientific Research	Google scholar 2277	
13.	Seroprevalence of anti-Brucella antibodies in febrile illness in a tertiary care hospital, Ahmednagar, Maharashtra, July 2020	Mrs. Shradha Gunjal, Pandit DP, Gunjal PN	International Journal of scientific Research	Pub-med, google scholar	

Dr. Aparna Shinde,

Associate Professor Department of Microbiology, Publications

Sr. No	Name of Topic	Author	Journal	Index/ Non index	Impact factor
1.	Study of Non-fermenters from Various clinical specimens in Rural teaching Hospital. Nov 2020	Dr. Aparna Shinde Microbiology	Indian Journal of Applied Research	Index Copernicus, Google scholar, Research gate, 2249-555X	

Mr. Nagaraju Devrapalli,

Assistant Professor, Department of Microbiology, Publications

Sr No	Name of Topic	Author	Journal	Index/ Non index	Impact factor
1.	Study the contamination of raw fennel seeds by coliform bacteria served in hotel's and restaurants	Nagaraju Devrapalli	Galore International Journal of Health Sciences and Research, Vol-5, Issue -1	Indexed P- ISSN No – 2456-9321	

FACULTY PUBLICATIONS

Name of faculty	No. of publication per faculty
Dr. Abhijit Awari	21
Dr. Prachi Anchawale	02
Dr. Mrs. Meghana S Patankar	02
Dr. Aparna Shinde	01
Mrs. Shraddha P Gunjal	14
Mr. Prasad Gunjal	15
Mr. Nagaraju Devrapalli	01

TOTAL NUMBER OF PUBLICATIONS OF DEPARTMENT: 56

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Sr. No	Name of Applicant	Title of Work	Registration No.
01	Mr. Gunjal Prasad N. Mrs. Gunjal Shraddha P.	"Teachers Evaluation Feedback Form	L-79895/2018
02	Mr. Gunjal Prasad N. Mrs. Gunjal Shraddha P.	Pre-training assessment and post training assessment test – Standard Safety precautions for Health Care Workers	L-82159/2019

BOOK / CHAPTER'S CONTRIBUTED BY FACULTY

Sr. No	Name of Author	Title of Book / Chapter Contributed (Page No.)	Book Name / Year of publication
01	Dr. Prachi Anchawale	ICMR (page 250-251)	Research Guide – A complete Book for your research journey – Vora Medical Publications, Mumbai – Year -2020
02	Mrs. Shraddha P Gunjal	Review of literature (page no 192-193)	Research Guide – A complete Book for your research journey – Vora Medical Publications, Mumbai – Year -2020
03	Mr. Gunjal Prasad N	Experimental study designs and Clinical Trials (page no 62-65)	Research Guide – A complete Book for your research journey – Vora Medical Publications, Mumbai – Year -2020

FACULTY PRESENTATIONS – ORAL AND POSTER

Dr. Abhijit Awari,

Professor & Head, Dept. of Microbiology

Sr. No.	Title	Type (Oral / Poster)	Presented at	Year
1	Neonatal Septicaemia: Retrospective study of five years	Oral	RMC, Loni Clinical Research Societies	2002
2	Outbreak of Serratia in NICU	Poster	Maharashtra Chapter Conference, Aurangabad	Sept. 2007
3	Nocardia – A case report	Poster	Maharashtra Chapter Conference, Aurangabad	Sept. 2007
4	Study of salmonellosis with reference to S. typhi in enteric fever patients	Oral	Maharashtra Chapter Conference, Aurangabad	Sept. 2007
5	Acute effect of Tobacco Smoking on resting metabolic rate	Poster	National conference Physiologists Vishakhapatnam	Dec. 2007
6	Effect of cigarette smoke on total oxygen consumption in rural population	Poster	International agriculture conference Aurangabad	Feb. 2008

Dr. Abhijit Awari,

Prof. & Head, Dept. of Microbiology Deliver lectures in Conference:

Sr. No	Topic	College/Place	Year
1	Neonatal septicaemia Scientific research Society	RMC Loni	2002
2	Study of salmonellosis with reference to S. typhi in enteric fever patients	Microcon Aurangabad	Sep 2007
3	Biosafety measures Swedish international developing agency	RMC Loni	Jan 2008
4	Combat drug resistance	Mayo College, Bhopal	Jan 2012
5	Emerging Yeast Infections – CME of Recent advances in Microbiology	PDVVPF's Medical college, Ahmednagar	Apr. 2015

PRESENTATION'S AT INSTITUTION

Sr. No.	Title	Type (Oral / Poster)	Presented at	Year
1.	Preparedness during COVID 19 Pandemic	Oral	DVVVPF's College of Nursing	Sept. 2020
2.	Awareness of COVID 19 Pandemic.	Oral	DVVVPF's College of Engineering	Jan 2021

TOTAL: 13

Dr. Prachi Anchawale,

Asso. Prof. Dept. of Microbiology

Sr. No.	Title	Type (Oral / Poster)	Presented at	Year
1	Prevalence of inducible clindamycin resistance among <i>S. aureus</i> with exploration of therapeutic options	Oral	4 th Annual Research Society Conference MAEER'S MIMER Medical College, Talegaon -2015	2015
2	Catheter associated urinary tract infection (CAUTI) – A study from Obs/Gyn ward	Oral	30 th Annual conference of Association of Maharashtra Obs/Gyn Society & Ahmednagar Obs/Gyn Society at Shirdi -2016	2016
3	Bacterial colonization of urinary catheter tips – A study from Obs/Gyn ward	Poster	XX Maharashtra Chapter Conference of IMMA at Nagpur - 2016	2016
4	Bacteriological study of CSOM from tertiary care rural hospital	Poster	4 th Annual Research society Conference MAEER'S MIMER Medical College, Talegaon -2016	2016

TOTAL : 04

Dr. Prachi Anchawale

Associate Professor, Dept. of Microbiology Delivered lectures in Conference/ Workshops:

Sr.No	Topic	College/Place	Year
1	"Biomedical Waste Management and infection control programme"	CME on Awareness of COVID-19 Amongst Medical Fraternity, at DVVPP's Medical College & Hospital, conducted by Dept. of Microbiology	2021
2	Biomedical Waste Management and infection control programme"	State level COVID-19 infection control workshop, conducted by Department of Microbiology, DVVPP's Medical College, Ahmednagar.	2021

TOTAL:02

Dr. Aparna Shinde,

Assist. Prof. Dept. of Microbiology

Sr. No.	Title	Type (Oral / Poster)	Presented at	Year
1	Study of organisms causing surgical site infection and their antimicrobial susceptibility testing in rural teaching hospital	Oral	XXII MAHAMICROCON 2016 – Solapur	2016
2	Study of organisms causing surgical site infection and their antimicrobial susceptibility testing in rural teaching hospital	Oral	5 th Annual Research Society Conference at MIMER Medical College, Talegaon	2016
3	Study of Non-fermentors from various clinical specimen in rural teaching hospital	Poster	40 th Annual Conference Of IAMM PIMER, Chandigarh - 2016	2016

TOTAL: 03

Mrs. Shraddha P Gunjal,

Assist. Prof. Dept. of Microbiology

Sr. No.	Title	Type (Oral / Poster)	Presented at	Year
1.	Seroprevalence of brucellosis and Rickettsial co-infection in febrile illness in a tertiary care hospital	Oral	XXIV MAHAMICROCON Maharashtra State Chapter Conference KIMSU, Karad	2018
2	Determination of baseline titre for anti- <i>Brucella</i> antibodies in apparently healthy blood donors in Ahmednagar, Maharashtra	Oral	Monthly Research Meet Organized by Research Cell, DVVPF's Medical College and Hospital, Ahmednagar	2019
3	Determination of baseline titre for anti- <i>Brucella</i> antibodies in apparently healthy blood donors in Ahmednagar, Maharashtra	Oral	State Research Conference – MUHS at DVVPF's Medical College & Hospital, Ahmednagar	2020
4	Determination of baseline titre for anti- <i>Brucella</i> antibodies in apparently healthy blood donors in Ahmednagar, Maharashtra	Poster	"Avishkar" Research festival 2019, MUHS, Nashik	22 nd Jan 2020

TOTAL: 04

Mr. Prasad N Gunjal,

Assist. Prof. Dept. of Microbiology

Sr. No.	Title	Type (Oral / Poster)	Presented at	Year
1	'Role of <i>Brucella</i> in Causation of Osteoarticular Diseases'	Oral	27th National Congress of IAMM 2002	2002
2	Determination of ESBL production and antibiotic resistance profile of <i>E. coli</i> isolated from patients with Urinary Tract Infections: A study from tertiary care hospital'	Poster	"Avishkar" Research festival 2019, MUHS, Nashik	22 nd Jan 2020

TOTAL PRESENTATIONS ORAL / POSTER BY THE FACULTY

Name of faculty	No. of presentations per faculty
Dr. Abhijit Awari	13
Dr. Prachi Anchawale	06
Dr. Aparna Shinde	03
Mrs. Shraddha P Gunjal	04
Mr. Prasad Gunjal	02

TOTAL: 28

PROJECTS – GUIDED

Projects guided by – Dr. Abhijit Awari, Professor and Head, Microbiology

Title of the Project	Name of the student	Year	Status
Study of Staphylococcus aureus isolated from ultrasonography probes with reference to antibiograms	Dr. Tajas Thamane, Resident Dept of Radio-diagnostics, DVVPF's Medical College and Hospital, Ahmednagar	2016	Completed
Needle stick Injury in Health Care Workers of DVVPF's Medical College, Ahmednagar	Dr. Aparna Shinde, DVVPF's Medical College, Ahmednagar	2018	Completed
Comparative evaluation of antimicrobial effect of Tricolsan containing tooth pest and herbal tooth pest in subject with established gingivitis	Dr. Monali Pimple (MDS) Yashwant Rao Gadakh, Dental College, Vadgaon Gupta, Ahmednagar	2019	Completed
Comparative evaluation of plaque control efficacy of manual toothbrush and dental water jet in orthodontics appliances	Dr. Shraddha Mali (MDS) Yashwant Rao Gadakh, Dental College, Vadgaon Gupta, Ahmednagar	2019	Completed
Awareness about Bio-medical Waste management amongst Health Care Workers in DVVPF's Medical College and Hospital	Dr. Prachi Anchawale, DVVPF's Medical College, Ahmednagar	2020	Completed

TOTAL: 05

DEPARTMENTAL PROJECTS

Completed Projects – Dr. Prachi Anchawale, Associate Professor, Microbiology

Title of the Project	Name of the PI and CO-PI	Year	Status
Awareness about Bio-medical Waste management amongst Health Care Workers in DVVVPF's Medical College and Hospital	Dr. Prachi Anchawale & Dr. Abhijit Awari	2020	Completed

Completed Projects – Dr. Aparna Shinde, Assistant Professor, Microbiology

Title of the Project	Name of the PI and CO-PI	Year	Status
Needle stick Injury in Health Care Workers of DVVVPF's Medical College, Ahmednagar	Dr. Aparna Shinde & Dr. Abhijit Awari	2018	Completed

Completed Projects – Mrs. Shraddha P Gunjal, Assistant Professor, Microbiology

Title of the Project	Name of the PI and CO-PI	Year	Status
A study of antimicrobial drug resistance & virulence factors of uropathogenic <i>Escherichia coli</i> isolates form PDVVPF's Medical College & Vikhe Patil Memorial hospital in Ahmednagar, Maharashtra.	Mr. Gunjal PN & Mrs. Gunjal Shraddha	2016	Completed

Completed Projects – Mr. Prasad Gunjal, Assistant Professor, Microbiology

Title of the Project	Name of the PI and CO-PI	Year	Status
A study of antimicrobial drug resistance & virulence factors of uropathogenic <i>Escherichia coli</i> isolates from PDVVPF's Medical College & Vikhe Patil Memorial hospital in Ahmednagar, Maharashtra.	Mr. Gunjal PN & Mrs. Gunjal Shraddha P	2016	Completed

ONGOING DEPARTMENTAL RESEARCH PROJECTS

1. Study of ESBL detection in *E. coli* & *Klebsiella* isolates with reference to Antibiogram (by using PCD & E test) – Dr. Abhijit Awari, Dr. Supriya Emekar
2. Comparison of Parasitic Infestation in School Going Children in Rural & Urban Area among District Ahmednagar. – Dr. Jayant Deshmukh & Mr. Prasad Gunjal
3. Prevalence of Brucellosis in febrile illness – Mrs. Shraddha Gunjal, Prasad Gunjal
4. Aerobic bacteriological profile of post-operative wound infections in tertiary care hospital, Ahmednagar. - Dr. Abhijit Awari
5. Bacteriological profile of mobile phones with reference to Antibiogram in tertiary care hospital. - Mrunal Patil (UG Student), Dr. Abhijit Awari.
6. Prevalence of rickettsioses in febrile illness of \geq five days – Mrs. Shraddha Gunjal, Mr. Prasad Gunjal.
7. Comparative evaluation of antibacterial efficiency of chemical and physical disinfection methods on type 4 gypsum products. Dr. Abhijit Awari & Dr. Sneha (MDS) Yashwant Rao Gadakh, Dental College, Vadgaon Gupta, Ahmednagar.

DEPARTMENTAL ACTIVITIES

Sr. no	Type of Activity (e.g. CME/ Conference/ FDP/ Seminar / Workshop/ orientation/ Training Programme /Guest Lecture etc.)	Name of Activity	Date of Activity
1.	CME	CME on Recent advances in Microbiology	April 2015
2.	Orientation/ training	Infection control training programs for interns- Dr. Awari	5.3.2015
3.	Quiz for UG students	Conduction of quiz in 2015	2015
4.	Training	Infection control training programs for interns – Dr. Awari	4.3.2016
5.	Recruitment	Conduction of interns recruitment Programme by Tata consultancy services & Department of Microbiology in Sept. 2016 .	Sept 2016
6.	Orientation	Infection Control Orientation Programme for Nurses – Dr. Awari	3 April 2017
7.	Training	Infection control training programs for interns – Dr. Awari	31 July 2017
8.	Orientation	Infection control orientation program for class 4 workers – Dr. Awari	18.3.2017
9.	Orientation	Infection control orientation program for Technicians (participation 23)	17.3.2017
10	Poster presentation	Antibiotic drug resistance awareness program poster presentation's 24.11.2017 - participation 385 students. - Dr. Awari, Mr. S. R. Shaikh & Mr. Gosavi	24.11.2017
11	Poster presentation	Antibiotic drug resistance awareness program poster presentation's 5.12.2017 civil hospital. - Dr. Awari, Mr. S. R. Shaikh & Mr. Gosavi	5.12.2017

12	Workshop	Workshop & Hands on Training Program for Nurses & OT staff – 6 th & 9 th Feb 2018.- Mr. Suyog Sonawane & Dr. Awari	6 th & 9 th Feb 2018
13	Guest lecture	Guest lecture on 12 th March 2018 for Nurses & OT Staff - Mr. . Suyog Sonawane	12 th March 2018
14	Guest lecture	Guest lecture for Nurses & OT staff on 21 st March 2018 - "sterilization by ETO"- Mr. Ravindra Patare	21 st March 2018
15	Guest lecture	Guest lecture for Nurses & OT staff on 21 st March 2018 Technique of Hand washing – Mr. Suyog Sonawane	21 st March 2018
16	Workshop	Workshop on "Demonstration of Cleaning & disinfection of Ophthalmology instruments" - 13 th July 2018.- Mr. Suyog Sonawane & Dr. Awari.	13 th July 2018.
17	Guest lecture	Guest Lecture on 11 th Aug 2018- " Update STD's in sex workers in Ahmednagar"- Mr. Girish Kulkarni, Snehalaya, Ahmednagar	11 th Aug 2018
18	Guest lecture	Guest Lecture on 11 th Aug 2018 - "Update on HIV in Sex workers in Ahmednagar District". - Dr. Marsia Waran	11 th Aug 2018
19	Workshop	Training Program & workshop on Antimicrobial resistance & Best practice in Blood Collection – 24 th Oct 2018- Dr. Neha	24 th Oct 2018
20	Guest lecture	Guest lecture on 24 th Oct 2018, "Blood Sample collection & AMR." - Dr. Neha	24 th Oct 2018
21	Guest lecture	Guest Lecture on 20 th Dec 2018 - "Universal safety precautions & biomedical Waste management" – Dr. Vijay Torane	20 th Dec 2018

22	Guest lecture	Guest Lecture on 21 st Dec 2018, "Introduction to virology & viral replication" - Dr. Heethendra Purohit.	21 st Dec 2018
23	Orientation	Internship orientation Programm – Feb 2019.- Dr. Awari	Feb 2019.
24	Training	Sensitization of Health care workers of Dialysis unit regarding AUDITs. - 16 April 2019- Dr. Awari	16 April 2019
25	Training	Demonstration & Training of 7 steps of Hand washing technique to MBBS & Nursing students – 24 April 2019 – Held in Microbiology Dept. Practical Hall.	April 2019
26	Quiz for UG	Conducted Quiz competition for II MBBS students in 2019	July 2019
27	Training	Biomedical waste management for patient safety – Demonstration for students held in hospital - 5 Aug 2019.- Dr. Awari	5 Aug 2019.
28	Poster presentation	Needle stick injury Poster presentation For Students (MBBS, Nursing & BPTH)– 9 Aug 2019.	9 Aug 2019
29	Training	CSSD Training Program under infection control aegis – 19 Oct 2019.- Dr. Awari & Dr. Sachin Deorukhakar	19 Oct 2019
30	Training	Spill Management Programme – Dr. Awari, Mr. Vaibhav, & Shubham.	14 Nov 2019
31	State level COVID 19 training workshop programme	State level COVID 19 training program for PHC Medical officers & Staff Nurses from 13 Sept. 2021 to 30 th Sept 2021 – total 280 Participants got training	13 Sept. 2021 to 30 th Sept 2021
32	CME	Conducted CME "Awareness of COVID 19 amongst Medical Fraternity" on 29 th & 30 th Sept. 2021.	29 th & 30 th Sept. 2021.

Training Program for COVID 19 infection Pandemic

Sr. No	Type of Activity Training / Awareness program	Name of Activity	Date of Activity
1.	Training	"Novel Corona Virus (COVID 19)" Poster Presentation Programm under the ageis of Infections Control programme on Saturday 29- Feb 2020.	29 Feb 2020.
2.	Training	COVID 19 Infection control training programme for OT Nurses & Class 4 Workers - 23 March 2020	23 March 2020
3.	Training	COVID 19 Infection control training programme for Residents, OPD Nurses, Watchmen's & Class 4 Workers - 24 March 2020	24 March 2020
4.	Training	COVID 19 Infection control training programme for MBBS Interns. - March 2020	March 2020
5.	Training	COVID 19 Infection control training programme for Doctors, Staff / IPD Nurses, Watchman's & Class 4 Workers - 26 March 2020.	26 March 2020
6.	Training	Training Programme on Ventilator Handling & Disinfection for COVID 19 for Interns – 2 April 2020	2 April 2020
7.	Training	Training Programme on Ventilator Handling & Disinfection for COVID 19 for MPTH Students – 6 April 2020	6 April 2020
8.	Training	Training Programme on Ventilator Handling & Disinfection for COVID 19 for MPTH Residents – 7 April 2020	7 April 2020

TOTAL: 40

CO-CURRICULAR ACTIVITIES

TOTAL NUMBER OF ACTIVITIES CONDUCTED BY THE DEPARTMENT

SR. NO	ACTIVITY CONDUCTED	TOTAL NUMBER
1)	CME	02
2)	WORKSHOPS	04
3)	TRAININGS	15
4)	SEMINARS/GUEST LECTURE'S	08
5)	POSTER PRESENTATIONS	03
6)	QUIZ COMPETITION	02
7)	ORIENTATION PROGRAMME AND RECRUITMENT PROGRAMME	06

TOTAL: 40

FACULTIES INVOLVED IN EXTRACURRICULAR ACTIVITIES

Name of faculty	Committee Post / Responsibility
Dr. Abhijit Awari	Infection Control and Prevention – Officer. Incharge – Academic Cell Incharge – Health Education Rector – Hostel No. 4 Member – COVID-19 Death Audit, Civil Hospital, Ahmednagar. Member – Anti-ragging squad
Dr. Prachi Anchawale	Female Coordinator NSS Unit Prepared models for the museum of the department
Dr. Aparna Shinde	Coordinator – “Antarang” Annual Sports Committee 2019
Mrs. Shraddha P Gunjal	Editor’in’chief – VIMS, Wall Magazine Associate Editor – Annual Reports, DVVPF’s MCH Member – Women’s Cell, DVVPF’s MCH Member – Cultural Committee, DVVPF’s Medical College Judge – Annual Gathering function at DVVPF’s College of Nursing
Mr. Prasad N Gunjal	Incharge coordinator – MUHS Student’s Welfare Dept. Incharge coordinator – VIMS, Nature’s Club Member – Food Committee Member – Social Cell Member – Anti-ragging committee
Mr. Nagaraju Devrapalli	Coordinator member – Antarang” Annual function dinner committee -2018 Coordinator member – Antarang” Annual Prize Distribution Committee -2019 Museum Incharge – Prepared Models for the department museum

E-LEARNING

Dr. Abhijit Awari, Professor and Head, Microbiology

Sr. No.	Topic	Date	YouTube link
1	Paragonimous westermani		https://youtu.be/-3w2xQsnRQ

Dr. Prachi Arvind Anchawale Associate Professor

Sr. No.	Topic	Date	YouTube link
1	Vaccines	02/06/21	https://youtu.be/dMa6xPhDs9k
2	Intestinal Protozoa	13/06/ 21	https://youtu.be/9uU6p5RQoRY
3	Pseudomonas & other non-fermenters	22/06/21	https://youtu.be/TBTstAGhmiU

Dr. Aparna Shinde- Assistant Prof.

Sr. No.	Topic	Date	You Tube link
1	Vibrio cholera	15/06/2021	https://youtu.be/rKrKB9Rrjzo
2	Gram positive bacilli	10/10/2020	https://youtu.be/uTRVsAunJ7I
3	Immune response	18/09/2020	https://youtu.be/K1nPypKxfs4
4	Lab diagnosis of infectious diseases	07/09/2020	https://youtu.be/R8xAdMFWJqc
5	Morphology of bacteria	19/08/2020	https://youtu.be/a1isYZhrP_M
6	Gastrointestinal tract infection	03/06/2020	https://youtu.be/tto4LzBwFNQ
7	Gram staining and ZN staining	30/06/2020	https://youtu.be/JoggmzHVuus
8	Infection of skin, burns and cardiorespiratory system	22/06/2020	https://youtu.be/yzUCswughiE
9	Leishmania	19/06/2020	https://youtu.be/IRsIWRawJs8
10	Intestinal nematodes	12/06/2020	https://youtu.be/ffhvZg-haSY

Mrs. Shraddha Prasad Gunjal, Assistant Professor

Sr. No.	Name of the topic	Date	YouTube Link
1.	Gram Positive Bacilli – Part I (<i>Corynebacterium diphtheriae</i>)	25/04/2020	https://youtu.be/epB7MK3bcA0
2.	Gram Positive Bacilli -Part-II (<i>Bacillus</i>)	25/04/2020	https://youtu.be/hW6M7DW6us
3.	Gram Positive Bacilli- Part-III (<i>Clostridia</i>)	25/04/2020	https://youtu.be/lJvyK-jVrD4
4.	Anaerobic Gram Positive Bacilli – Part IV	25/04/2020	https://youtu.be/dlWBLyuNTSw
5.	Herpes Viruses	28/05/2020	https://youtu.be/-bZghDsf6U
6.	Adenoviruses	28/04/2020	https://youtu.be/PxsXX78Kmic
7.	Pox viruses	28/04/2020	https://youtu.be/l9_jVu_NKFE
8.	Intestinal Protozoa	07/05/2020	https://youtu.be/-AdPSW_lJg
9.	Introduction to Medical parasitology	09/06/2020	https://youtu.be/e1ec4qzt0W8
10.	Trematodes	11/06/2020	https://youtu.be/AY5TJ9W98
11.	Trypanosoma	30/06/2020	https://youtu.be/x6cBb4TNP60
12.	Mycology	09/07/2020	https://youtu.be/v6TUnmA_AnY
13.	Intestinal nematodes	21/07/2020	https://youtu.be/GRln_uC2oxE
14.	Skin and Soft tissue infections	28/08/2020	https://youtu.be/2VSzcCq714

Mr. Prasad N Gunjal, Assistant Professor

Sr. No.	Name of the topic	Date	YouTube Links
1.	Gram Positive Cocci	18/04/2020	https://youtu.be/sFTDGMlhJ4k
2.	Systemic Mycoses	20/04/2020	https://youtu.be/BKWiGISDqSQ
3.	General properties of viruses – Part-I	22/04/2020	https://youtu.be/ndJB1LI3tP0
4.	Actinomycetes and Nocardia-	23/04/2020	https://youtu.be/xgy5xcq4g5s

	Diverse Group of Gram-Positive Bacilli		
5.	General properties of viruses	30/04/2020	https://youtu.be/Uei2GzvRx98
6.	Hepatitis B,D,C and G Viruses	14/05/2020	https://youtu.be/p4HHk0rMAN
7.	Retroviruses	26/05/2020	https://youtu.be/iOCCl3k5Kzw
8.	Tissue Nematodes	25/06/2020	https://youtu.be/JDFQJAbb3U
9.	Cestodes – I	02/07/2020	https://youtu.be/ibQOdDUNA3M
10.	Culture Media Demonstration for BPTH	02/07/2020	https://youtu.be/1kRSi7wvcZE
11.	Intestinal Nematodes Part I	16/07/2020	https://youtu.be/Y-5SiEogtIQ
12.	Introduction to Medical Microbiology	21/08/2020	https://youtu.be/GeWbSKZNPDI
13.	Infections of Respiratory tract	24/08/2020	https://youtu.be/x2fI9J8WsHY
14.	Sterilization and Disinfection	27/08/2020	https://youtu.be/9I0eAfRDvqY
15.	Mycobacterium tuberculosis, Atypical Mycobacteria, Mycobacterium leprae	31/03/2021	https://youtu.be/AkQQtnHwRw
16.	LRTI Pneumococcal Pneumonia and Bordetella pertussis	28/04/2021	https://youtu.be/Ypq9vOqbb6U
17.	Zygomycosis	07/06/2021	https://youtu.be/MpYWhzISol
18.	Enteric fever	14/06/2021	https://youtu.be/sSxilYNLN4Y

Mr. Nagaraju Devrapalli - Tutor

Sr. No.	Name of the topic	Date	YouTube Links
1.	Yersiniosis	18/06/2021	https://youtu.be/jhzqoyu6gS4
2.	<i>Campylobacter</i> & <i>H. pylori</i>	18/06/2021	https://youtu.be/TVM21vJeuwU
3.	Sexually Transmitted Diseases	21/08/2020	https://youtu.be/yTIEqaks9SE
4.	Medical Entomology & Parasitology	17/07/2020	https://youtu.be/LC_S9o3LTkw

5.	Lung & Intestinal Trematodes	15/07/2020	https://youtu.be/13yGHmoGDmY
6.	Sterilization & Disinfectants	27/06/2020	https://youtu.be/Ql89PDQK44o
7.	<i>T. solium</i> , <i>T. saginata</i> , <i>E. granulosus</i>	19/06/2020	https://youtu.be/-xUx_gA-bFQ
8.	Oncogenic Viruses	28/05/2020	https://youtu.be/OXyRLLqU0IQ
9.	Blood & Tissue Protozoa	14/05/2020	https://youtu.be/fnSogSBynkw

Clinical Services Offered by the Department of Microbiology

S. No	Name of the clinical services
1	Water testing of the hospital and Medical campus
2	Blood Bag Sterility testing in Vikhe Patil Memorial hospital
3	CSSD Autoclave sterility testing in Vikhe Patil Memorial hospital
4	Food culture testing of Vikhe Patil Memorial hospital Mess & Engineering college
5	AC Filter Testing of OT's of Vikhe Patil Memorial hospital
6	Air Sampling services provided to 38 PHCs of Ahmednagar district from 2015.
7	Testing Efficacy of Disinfectants of Vikhe Patil Memorial hospital

Social Services Offered by the Department of Microbiology

Culture and Reagents Provided to Other colleges

- ❖ Bacteriological and fungal Cultures Provided to Other colleges:
 1. Vikhe Patil foundation's College of Pharmacy, Ahmednagar 2017 to 2021.
 2. College of Pharmaceutical sciences and Research, Ashti, 2018
- ❖ Research facilities provided to PG students of Yashvantrao Gadakh Dental college, Ahmednagar 2018 to 2021.
- ❖ Clinical Evaluation of Covid-19 of Vikhe Patil English Medium School for 675 students before closing the school on 3rd March 2020.

SPECIAL FEATURES OF THE DEPARTMENT

1. Well-equipped labs, and demonstration rooms.
2. Well qualified faculty and technical staff.
3. High standard of teaching & evaluation.
4. Innovative methods of teaching like OSPE (objective structural practical examination) and OSCE, Student Demonstrations, MCQ discussions, Student Quiz, Remedial classes.
5. Clinical Cases discussion.
6. Horizontal and Vertical integrated teaching.
7. **ICMR- NABL Accredited RT-PCR (COVID-19) Testing Laboratory.**
8. Automated and advanced Central Clinical Laboratory – Microbiology.
9. Museum
10. EQAS of the bacteriology, serology & Molecular Microbiology

SPECIAL FEATURES OF THE DEPARTMENT

STUDENT'S PRATICIPATED IN STATE LEVEL QUIZ COMPETITIONS/ INVENTUM: 2018

XXIV Conference Maharashtra Chapter of IAMM: Regional Microbiology Quiz Competition – Bharati Vidyapeeth Medical College, Pune - Pune Zone

Sr. No.	Name of the student	Batch	Year of participation
1	Aryaman Ajay Bhoosreddy	II MBBS	24 th Aug 2018
2	Mrunmayee Manavendra Ghokhale	II MBBS	24 th Aug 2018

STUDENT'S PRATICIPATED IN STATE LEVEL QUIZ COMPETITIONS: 2019

Avyaan (Quiz) An Intercollegiate Undergraduate Quiz : At Govt. Medical College, Aurangabad

Sr. No.	Name of the student	Batch	Year of participation
1	Angel Chavan	III MBBS	25 th Feb 2019
2	Pranali Choudhari	III MBBS	25 th Feb 2019
3	Sagar Lande	II MBBS	25 th Feb 2019

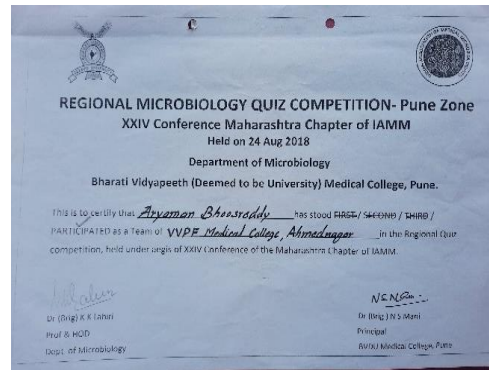
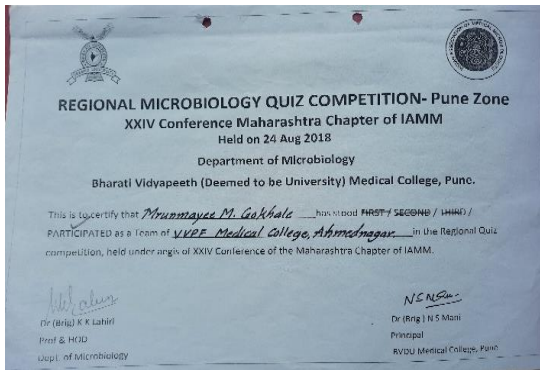
IAMM Regional Round of Under graduate Microbiology Quiz 2019: Pune Region at AFMC, Pune

Sr. No.	Name of the student	Batch	Year of participation
1	Eisha Meherwal	II MBBS	28 th Aug 2019
2	Ayush Chordia	II MBBS	28 th Aug 2019

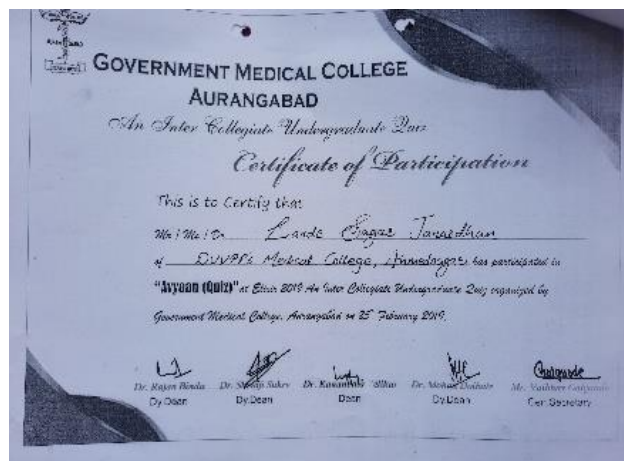
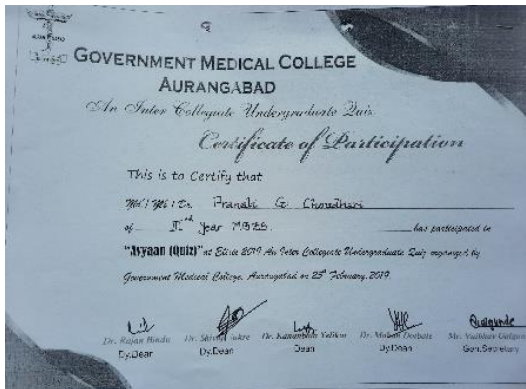
Inventum

Sr. No.	Name of the student	Batch	Year of participation
1	Anuja Joshi	PIMS,LONI,INVENTUM 2016 USG Probes Bacteriological Profile	2016
2	Pratiksha Bhansali	PIMS,LONI,INVENTUM 2018 Screening of STD amongst Sex workers , Newasa	2018

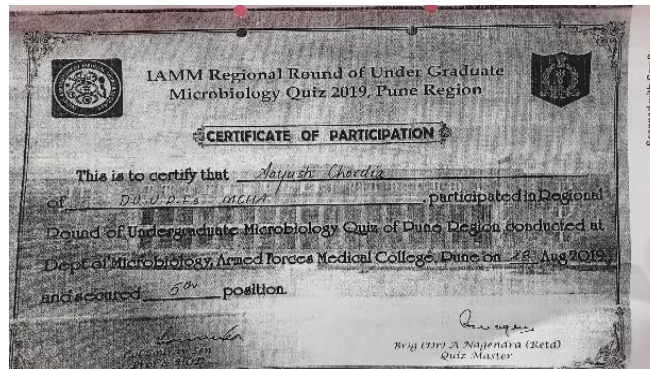
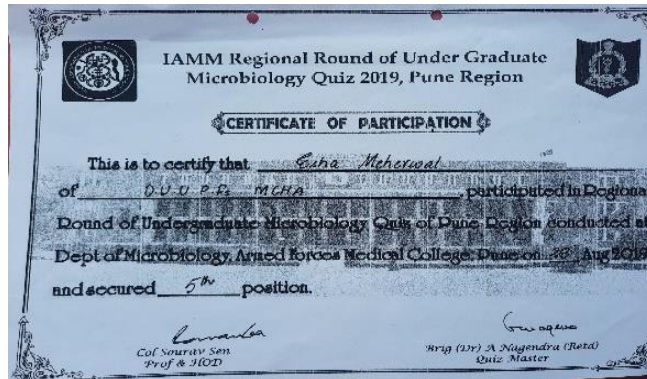
STUDENT'S OUT REACH ACTIVITIES - CERTIFICATES OF QUIZ COMPETITIONS 2018 – Bharti Vidyapeeth - Pune



2019 -GMC - Aurangabad



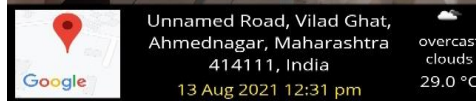
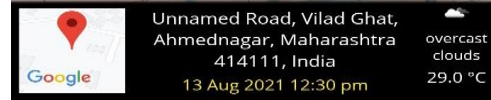
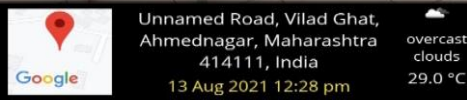
2019 -AFMC - Pune



Inventum – 2016 & 2018 – Pravara National Medical Research Conference, at PIMS, Loni, Demmed to be University.



REMEDIAL CLASSES ACTIVITIES FOR STUDENTS



SPECIAL FEATURES OF THE DEPARTMENT

MUSEUM

SR.NO	NAME OF SPECIMEN	NUMBER
1	Serology kits	23
2	Instruments	14
3	Bacteriological filters	03
4	Antiseptics & disinfectants	09
5	Specimen collection devices	09
6	Culture Media	31
7	Vaccines	14
MOUNTED SPECIMENS		
1	Bacteriology	01
2	Mycology	06
3	Parasitology	11
TOTAL		121
	CHARTS	110
	MODELS	13
	CATALOGUES	20

TOTAL NUMBER OF MUSEUM SPECIMENS – 121

MUSEUM:

1. Museum record book
2. Catalogues
3. Students visit book

SPECIAL FEATURES OF THE DEPARTMENT

MUSEUM ACTIVITIES



LIBRARY

Total Number of Books – 148

Sr. No.	Nature of Copies	Total Number
1	Available Books in Departmental Library	122
2	Specimen copies	21
3	Donated Copies	05

Subject journals available at central library of the institute

Sr. No.	Name of Journal
1	Indian Journal of Microbiology.
2	Indian Journal of Medical Microbiology.
3	Indian Journal of Virology.

Academic CD: Infectious Diseases

E- Library:

- E Books –
- Question Bank – (MCQ's, LAQ's and SAQ's)
- Academic videos
- Lecture ppts of Departmental faculties
- Lecture videos, Practical videos

LIBRARY RECORD REGISTERS

- Library books issue and return record register.
- Books recommended and received to library record.
- Journal club.
- SOP
- Grievance Record
- Stock Verification Record
- Audit Record

STUDENT PRACTICAL LABORATORY

LABORATORY TIME TABLE

Course: MBBS

Sr. No.	Day	Time	Batch
1	Wednesday	3 pm to 5pm	A
2	Thursday	3 pm to 5 pm	B

Practical lab record registers

- 1) Microscope issue and return record.
- 2) Instrument breakage policy and record.
- 3) Total no of instruments, charts, culture media record.
- 4) Instrument maintenance record.
- 6) Sick room record.
- 7) Stock Culture Record

REASEARCH LABORATORY INSTRUMENTS

SR. NO.	PARTICULARS	QUANTITY
1	BOD Incubator	1
2	Binocular Microscope	1
3	Centrifuge	1
4	pH meter	1
5	Digital weighing machine	1
6	Water Distillation Plant (Glass)	1
7	Fluorescent Microscope	1
8	Dark Ground Microscope	1

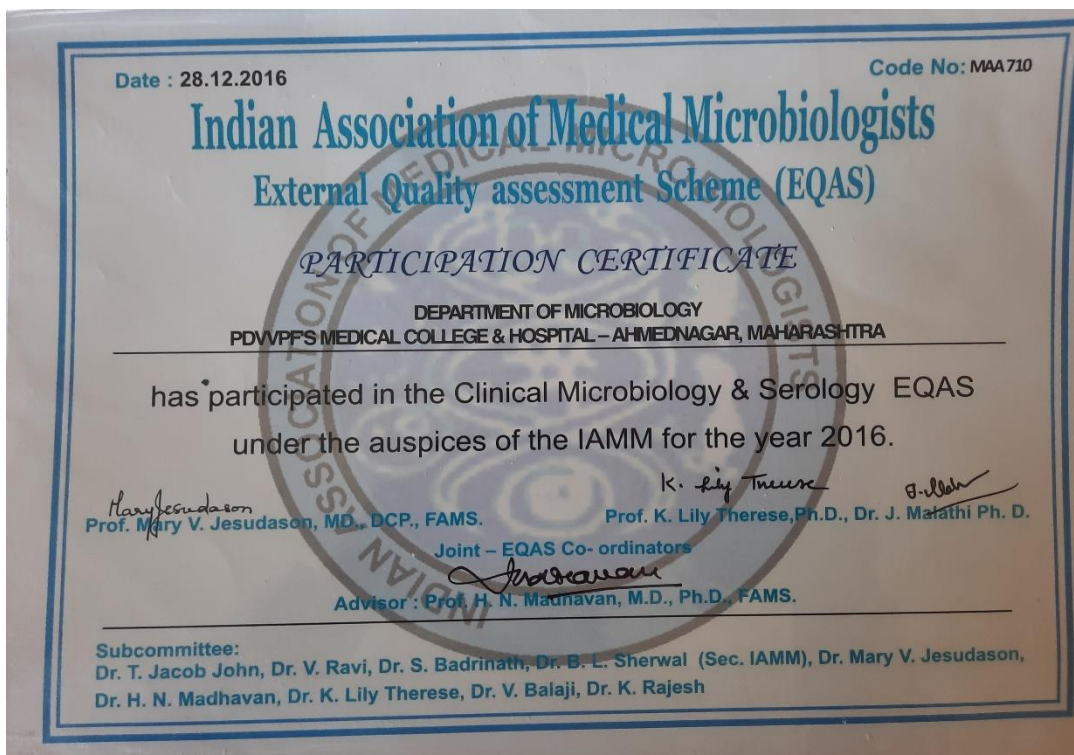
CLINICAL SERVICES OFFERED BY THE DEPARTMENT OF MICROBIOLOGY

Sr. No	Name of the clinical services
1	Water testing of the hospital and medical campus
2	Blood Bag Sterility testing in Vikhe Patil Memorial hospital
3	CSSD Autoclave sterility testing in Vikhe Patil Memorial hospital
4	Food culture testing of Vikhe Patil Memorial hospital Mess & Engineering college
5	AC Filter Testing of OT's of Vikhe Patil Memorial hospital
6	Clinical Evaluation of Covid-19 of Vikhe Patil English Medium School for 675 students before closing the school
7	Efficacy of Disinfectants

EXTERNAL QUALITY SERVICES FOR THE MICROBIOLOGY LAB

Sr. No	Name of the Service
1	EQAS of Clinical Microbiology and Serology Under IAMM for the Year- 2012
2	EQAS of Clinical Microbiology and Serology Under IAMM for the Year -2016
3	ICTC HIV Quality Testing BJMC, Pune.
4	Covid-19 RT-PCR Testing NIV, Pune.

EQAS CERTIFICATIONS - MICROBIOLOGY



MOLECULAR BIOLOGY LAB - COVID-19 RT-PCR

Sr. No.	Particulars	Quantity
1	THERMAL CYCLER - PCR MACHINE	1
2	BIO-SAFETY CABINET (level 2A)	1
3	LAMINAR AIR FLOW	2
4	CENTRIFUGE	1
5	COLD STORAGE- VEST FROST	1
6	COLD STORAGE-CEL FROST	1
7	AUTOCLAVE	2
8	HOT AIR OVEN	1
9	PIPETTE SINGLE CHANNEL COMPLETE SET (0.2 - 2 μ L)	2
10	PIPETTE SINGLE CHANNEL 0.2 - 2 μ L	1
11	PIPETTE SINGLE CHANNEL 2 - 20 μ L	1
12	PIPETTE SINGLE CHANNEL 20 - 200 μ L	2
13	PIPETTE SINGLE CHANNEL 100 - 1000 μ L	2
14	PIPETTE MULTI CHANNEL 30 -300 μ L	1
15	PIPETTE MULTI CHANNEL 1 - 10 μ L	2
16	PIPETTE MULTI CHANNEL 30 -300 μ L	2
17	PIPETTE MULTI CHANNEL 5 - 50 μ L	2
18	DIGITAL HYGROMETER	4
19	MINI SPIN PLUS	1
20	ULTRA-LOW TEMPERATURE FREEZER	1
21	DIGITAL SHAKING DRY BATH	1
22	DIGITAL THERMOMETER	1

NABL – ACCREDITATION CERTIFICATE

  National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**DR. VIKHE PATIL MEMORIAL HOSPITAL - DEPARTMENT
OF LABORATORY**

has been assessed and accredited in accordance with the standard

ISO 15189:2012

**"Medical laboratories - Requirements for quality and
competence"**

for its facilities at

VADGAON GUPTA (VILAD-GHAT), POST: M.I.D.C., TAL-NAGAR, AHMEDNAGAR, MAHARASHTRA,
INDIA

in the field of

Medical Testing

Certificate Number: MC-3453

Issue Date: 06/07/2020 Valid Until: 05/07/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued
satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : Dr. VITHALRAO VIKHE PATIL FOUNDATION

Signed for and on behalf of NABL




N. Venkateswaran
Chief Executive Officer

AWARD'S AND APPRECIATIONS

Sr. No	Name of staff	Name of Award/ Appreciation	Year
1.	Dr. Awari	Appreciation for best employee of the institution (Infection control work) -Peoples medical College Bhopal	2013
2.	Dr. Awari	pple's Medical College Bhopal- 2018- Newspaper Appreciation for Infection control orientation Program for Nurses – Peoples medical college Bhopal.	2018
3.	Dr. Awari	Appreciation for Hepatitis Awareness program in college of Physiotherapy, Ahmednagar.	2018
4.	Dr. Awari	Appreciation for Antibiotic Drug resistance awareness Poster presentation in Civil Hospital, Ahmednagar.	2018
5.	Dr. Awari	Maier Awards for Research in Medical Microbiology & Hospital Infection Control , on 28 th Oct 2018 At Aurora Towers, Pune, Maharashtra	28 th Oct 2018
6.	Dr. Awari	Curis Remuneror National Level Healthcare Award for Research in Medical Microbiology & Presentation of Hospital Acquired Infections. - CIMCON FOUNDATION BHOPAL	2018
7.	Dr. Awari	Appreciation letter by Bioshields company - Hands on Training Programme by Department of Microbiology on 6 th & 9 th Feb 2018 -	9 th Feb 2018
8.	Dr. Awari	Appreciation For – Speaker – Basic of Health Sciences Education Technology, at DVVPF's College of Physiotherapy, Ahmednagar.	Aug 2019
9.	Dr. Awari	Maier Awards for "Best teacher Award" for Contribution of Excellency in the field of Research & Education in Medical Microbiology on 2 nd February 2020 at Novotel, Pune, Maharashtra.	2 nd Feb 2020
10	Dr. Awari	Appreciation For – Preparedness during COVID 19 Pandemic – DVVPF's College of Nursing, Ahmednagar.	18 th Sept 2020

11	Dr. Awari	Appreciation for - Awareness of COVID 19 Pandemic – DVVPPF's College of Engineering, Ahmednagar	Jan 2020
12	Dr. Awari	Awarded "Best Teacher Award" DVVPPF's Medical College and Hospital, Ahmednagar.	2020
13	Dr. Awari	Appreciation For – Speaker – Resident as Teacher – Basic Workshop in Educational Methodology- at DVVPPF's College of Physiotherapy, Ahmednagar.	8 th June 2021
14	Dr. Awari	Appreciation For – Speaker – CPD- Immune response in COVID-19, at CPD organized by Dept. of Physiology, DVVPPF's Medical College, Ahmednagar.	23th July 2021
9.	Mrs. Gunjal	1st Rank in Selection round of Avishkar 2019-20 Research presented MUHS Nashik - teacher Category	22 nd Jan 2020
10.	Mrs. Gunjal	1st prize for Oral Paper in State level Research Conference Held at DVVPPF's Medical College, Ahmednagar	5 th March 2020
11	Mr. Gunjal	Received Appreciation Certificate from DVVPPF's College of Pharmacy for conducting Guest Lecture on "AIDS Awareness"	2015
12	Mr. Gunjal	Received Appreciation Certificate – "Award of Honor" for conducting workshop – Soft Skill Workshop for MBBS Students, at DVVPPF's Medical College and Hospital, Ahmednagar.	2018

ACHIEVEMENTS OF THE DEPARTMENT

- NABL Accreditation of Molecular Microbiology Laboratory (RT-PCR).
- Total 1,15,000 samples processed for COVID-19 RT PCR till Nov. 2021.
- State level COVID-19 training programmes of 200 medical officers and 40 nurses of PHC and rural hospitals in Ahmednagar district.
- ICTC –_5-Star Rating for the Integrated Counseling and Testing Centre by the Govt. Officials.

REVENU GENERATED

Sr. No.	Nature of work	Year	Amount (INR)
1	Processing of samples for support of NABH	2020	1372300/-
2	OT Fumigation	2017 onwards	12200/-
3	Mucormycosis	2021	1130/-
	Total		13,85,630/-

FUTRUE PLANS

1. To introduce innovative methods of teaching
2. To get students involved in research
3. Encourage students to do research as well as publish papers
4. To make available automated machines for rapid diagnosis of infectious diseases.
5. To improve staff student relationship so as to improve student morale
6. Up gradation of museum with digital library
7. To make available CBNAAT & molecular diagnostic methods- Gene sequencing & Gene expert

BEST PRACTICIES

- Molecular Diagnosis (RT- PCR) for Covid -19 viral infections.
- Subject expertise and consultancy services (e.g. Air Sampling for nearly 38 Primary Health Centers.)
- Support to various Government Programmes- ICTC, RNTCP
- Support for 'Hospital Infection Control Programme'
 - ✓ Monitoring and surveillance of Dr. Vitthalrao Vikhe Patil memorial Hospital
 - ✓ Water testing, Quality control for AC filter OT, Blood bag, CSSD
 - ✓ Air Sampling of Operation Theatre and critical care area
 - ✓ Hospital environment
 - ✓ Student and Faculty Research Projects
 - ✓ External Quality Assessment for Molecular Diagnosis, HIV testing, Clinical Bacteriology, Serology.

GLIMPSES OF THE DEPARTMENT

CME IN RECENT ADVANCES IN MICROBIOLOGY 2015



ANTIBIOTIC DRUG RESISTANCE PROGRAM IN DEPT. OF MICROBIOLOGY NOV 2017



**ANTIBIOTIC DRUG RESISTANCE AWARENESS PROGRAM POSTER PRESENTATION
DATED 5-12-2017 CIVIL HOSPITAL, AHMEDNAGAR.**



ANTIBIOTIC DRUG RESISTANCE POSTER



BIO SHIELD COMPANY DEMO ON CLEANING & DISINFECTION PRESENTATION 2018



July 2018 OPHTHALMOLOGY INFECTION CONTROL



LECTURE DELIVERED BY DR. MARCIA WARAN Aug 2018



GUEST LECTURE DELIVERED BY GIRISH KULKARNI Aug 2018



**GUEST LECTURE ON UPDATE STD'S IN SEX WORKERS IN AHMEDNAGAR DISTRICT BY
MR. GIRISH KULKARNI & DR. MARSIA WARAN Aug 2018**



STUDENT SEMINARS, DEMONSTRATIONS AND MCQ'S DISCUSSION.

MENTOR MR. PRASAD GUNJAL, Aug 2018



MENTOR MR. D. NAGARAJU, Aug 2018



DR. RANGASWAMI VISIT TO MICROBIOLOGY SEPT. 2018



GUEST LECTURE BY DR. NEHA OCT. 2018



GUEST LECURE DELIVERED BY DR. TYAGI OCT. 2018



GUEST LECTURE TAKEN BY DR. TORANE Dec 2018



GUEST LECTURE TAKEN BY DR. PUROHIT Dec 2018



AWARD -INFECTION CONTROL & PREVENTION



DR. ABHIJIT AWARI PROFESSOR AND HEAD, DEPARTMENT OF MICROBIOLOGY

QUIZ COMPETITION BY DEPARTMENT OF MICROBIOLOGY



**ORIENTATION & DEMONSTRATION OF SPILL, SENSITIZATION & DISINFECTION
AUDITS OF DIALYSIS UNIT UNDER AEGIS OF INFECTION CONTROL MANAGEMENT**



DISINFECTION AUDITS OF DIALYSIS UNIT April 2019

STUDENT SEMINARS, DEMONSTRATIONS AND MCQ'S DISCUSSION.

MCQ'S DISCUSSION BY MRS. SHRADHA GUNJAL, STUDENT PERFORMING SEROLOGICAL



TESTS JULY 2019 - PRASAD GUNJAL ASSISTANT PROFESSOR, MAY 2019



REMEDIAL CLASSES FOR 2ND MBBS BY MICROBIOLOGY DEPT. FACULTY July 2019





STUDENT DEMONSTRATION MENTOR

DR. DESHMUKH AUG 2019



POSTER PRESENTATION ON NEEDLE STICK INJURY CONDUCTED BY DEPARTMENT OF MICROBIOLOGY Aug 2019





NEEDLE STICK INJURY POSTER PRESENTATION PROGRAM VISITED BY DR. B. SADANANDA Aug. 2019



**BIOMEDICAL WASTE MANAGEMENT TRAINING PROGRAMME IN OUR HOSPITAL OF
2ND MBBS STUDENTS BY DR. AWARI. Aug 2019**



CSSD TRAINING PROGRAM OCT 2019



SPILL MANAGEMENT PROGRAMM Nov 2019



SPILL MANAGEMENT PROGRAMM Nov 2019



VISITS OF HONORABLE PERSONS



**VISIT OF HON. DR. ABHIJIT DIWATE SIR AND DR. SUNIL MHASK, DEAN, COVID -19
POSTER PRESENTATION. Feb 2020**

AWARD - BEST TEACHER - FEB 2020



DR. ABHIJIT AWARI PROFESSOR AND HEAD, DEPARTMENT OF MICROBIOLOGY

RT PCR Lab Inauguration – June 2020



Clinical Evaluation of Vikhe patil English medium school for COVID 19





DEPARTMENTAL PROFILE

DR. VITHALRAO VIKHE PATIL FOUNDATION'S MEDICAL COLLEGE & HOSPITAL

📍 Dr. Vithalrao Vikhe Patil Foundation's,
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