

Department:	Department of Microbiology
Vision	<ol style="list-style-type: none"> 1. To start Post Graduate courses (MD Microbiology,DMLT) & other paramedical courses 2. To improve laboratory services by incorporating automated systems for early diagnosis 3. To create an awareness about antimicrobial resistances by periodic & continuous medical education & training 4. To inculcate innovative teaching & learning method through various educational research projects
Mission	<ol style="list-style-type: none"> 1. Excellence in teaching of Microbiology to Under Graduate students as per CBME curriculum 2. Under Graduate students at the end of IInd MBBS Course should be competent in diagnosis of infectious diseases. 3. To initiate & develop innovative research in Medical Microbiology 4. Service Laboratories of the Department should able to do accurate & rapid diagnosis of infections diseases for appropriate therapy to the patients
Infrastructure and facilities	<p>Practical Hall:- 150 sq.m , Demo Room:- 16.3 x 17.9 ft , Departmental library-cum-seminar room area:- 30 sq.m, Museum:- 12.8 x 12.0 ft, Autoclave Room:- 15.0 x 12.0 ft, Media Prepration Room:- 15.0 x 12.0 ft, All Service Labs Including BSL-II & CCL are availables.</p> <p>Departmental library books:- 80 books.</p> <p>Equipment's:- Students Microscopes, & other Equipments are availables.</p>
Services	<p>Various Investigations of patient's samples from OPD and IPD are done in Clinical Microbiology Laboratory. [Microscopy (Gram Stain, ZN Stain, Stool Microscopy) , Serological test, HIV testing, Hepatitis B testing, CBNAAT]</p>
Ongoing Research	Nil

Publications

1. Dr.VaishaliKongre. Procalcitonin: As An Early Diagnostic Marker For Neonatal Sepsis. Indian Journal Of Applied Research Volume-9 | Issue-3 | March-2019 | ISSN - 2249-555X | IF : 5.397 | IC Value : 86.18 Pg 42-44
2. Experimental Comparison of Effectiveness of Different Hand Disinfection Modalities In A Laboratory Setting. International Journal of Medical Science and Current Research (IJMSCR) Volume3, Issue 2, Page No: 266-272 March-April 2020
3. Bacteriological profile and antibiogram of blood culture isolates from a tertiary care hospital of Western India. J DattaMegheInst Med SciUniv 2020;15:261-5.
4. Prevalence of Leptospirosis among patients screened for dengue like illness during community surveillance in a slum population in Pune, Maharashtra. International Journal Dental and Medical Sciences Research Volume 3, Issue 3, May - June 2021 pp 227-229
5. Recent Trends in Bacteriological Profile of Lower Respiratory Tract Infections (LRTIs) in Outdoor, Indoor and Critical Care Settings of a Tertiary Care Centre in Pune. Indian Journal of Basic and Applied Medical Research; March 2021: Vol.-10, Issue- 2, P. 261 – 269
6. Clinicobacteriological study of pyoderma with trends in antibiotic sensitivity at a tertiary care center in Western India. ClinDermatol Rev 2020; Volume 5 | Issue 2 | July-December 2021 pg161-167
7. India discovered levonadiloxacin & alalevonadiloxacin:A review on susceptibility testing methods, CLSI quality control and breakpoints along with a brief account of their emerging therapeutic profile as a novel standard of care. Indian journal of Medical Microbiology 41(2023)71-80
8. Maternal colonization versus nosocomial transmission as the source of drug resistant bloodstream infection in an Indian NICU:A Prospective cohort study, Clinical Infectious Diseases 77(2023) S38-S45
9. Gaikwad vaishali, BharadwajRenu,DoheVaishali. Different

10. Gaikwad Vaishali, Bharadwaj Renu, Dohevaishali. Study the Prevalence and Risk Factors of Metallo-Beta-lactamase Producing *Pseudomonas aeruginosa* from Tertiary Care Centre. International Journal of Science and Research (IJSR) Volume 4 Issue 5, May 2015

11. V. Gaikwad, S. Dharmshale A. Kagal R. Bharadwaj. COMPARISON OF DIFFERENT MICROBIOLOGICAL METHODS FOR DIAGNOSIS OF TUBERCULOUS PLEURISY IN TERTIARY CARE CENTER. NTI Bulletin 2018, 54/1&4, 10-14.

12. Gaikwad Vaishali, Gohel Tejash, Panickar Shrijeet, Chincholkar Vijay, Mangalkar Santosh. In vitro activity of Ceftaroline: A novel antibiotic against Methicillin Resistant *Staphylococcus aureus*. Indian J Pathol and Microbiol 2016;59:496-8.

13. Panicker SS, Mangalkar SM, Gohel TD, Gaikwad VV, Puri B, Chincholkar VV. A Case Report of Meningococcal septicaemia in 2 year old child. Journal of Microbiology and related research, Vol 1, No.2, Jul-Dec 2015, PG 97-99.

14. Mande Trupti, Mangalkar SM, Chincholkar VV, Gohel TD, Gaikwad VV, Puri BS. In vitro activity of tigecycline against Methicillin resistant *Staphylococcus aureus*. Journal of Microbiology and related research. Vol 1, No.2, Jul-Dec 2015, PG 89-91.

15. Chincholkar Vijaykumar V., Gohel Tejas D., Sayyeda Atiya, Mangalkar Santosh M., Gaikwad Vaishali V., Puri Balaji S. Inducible clindamycin resistance (ICR) in *Staphylococcus aureus* among various clinical samples.

16. Chaudhari G, Gaikwad V, Pol S, Karyakarte R, A Case Report of Non-Tuberculous Mycobacterium (NTM) Pulmonary infection in 70 Year old male. International Journal of Science and Research (IJSR) Volume 11 Issue 11, November 2022. PG-209-211.

17. "Tuberculosis in geriatric patients: A cross-sectional study from tertiary care hospital in Maharashtra, perspectives in Medical research. Sept-Dec 2023/Volume 11/ Issue-3 18.

Utility of GeneXpert in Diagnosis of Pediatric Tuberculosis and detection of rifampicin resistance. Perspectives in Medical Research. May-August 2024, Vol-12, Issue-2 PG-47-52 19.

Trends in tuberculosis- is a different problem emerging? Asian J of Medical sciences/Nov 24/vol-15/Issue 11

20. Dr Tejaswi Patil, The study of inducible clindamycin resistance & antimicrobial susceptibility pattern of the *Staphylococcus aureus* isolates from various clinical samples, IP International Journal of Medical Microbiology and Tropical Diseases, Vol-04, Issue-01, Period-Jan. March. 2018


Achievements



Nil

Awards

Nil

Faculty Details

Sr. No	Designation	Name	Photograph	Qualification	Total Teaching Experience	Publications in last one year (2023-24)
1	Professor & Head of Department	Dr. Vaishali B Dohe (Kongre)		MBBS,MD (Microbiology)	24years	<p>1. India discovered levonadiloxacin & alalevonadiloxacin:A review on susceptibility testing methods, CLSI quality control and breakpoints along with a brief account of their emerging therapeutic profile as a novel standard of care. Indian journal of Medical Microbiology 41(2023)71-80</p>

2	Associate Professor	Dr.Vaishali Gaikwad		MBBS,MD (Microbiology)	10 years	<p>1. “Tuberculosis in geriatric patients: A cross-sectional study from tertiary care hospital in Maharashtra, perspectives in Medical research. Sept-Dec 2023/Volume 11/ Issue-3</p> <p>2. Utility of GeneXpert in Diagnosis of Pediatric Tuberculosis and detection of rifampicin resistance.Perspectives in Medical Research.May-August 2024, Vol-12,Issue-2 PG-47-52</p> <p>3. Trends in tuberculosis- is a different problem emerging? Asian J of Medical sciences/Nov 24/vol-15/Issue 11</p>
3	Assistant Professor	Dr.Tejaswi Patil		MBBS,MD (Microbiology)	2 years	

4	Assistant Professor	Dr. Reshma Bawale	 A portrait of Dr. Reshma Bawale, a woman with dark hair and glasses, wearing a red and blue saree with a gold border. She is smiling and looking towards the camera.	MBBS,MD (Microbiology)	1 year	
---	---------------------	-------------------	---	---------------------------	--------	--