

## **DEPARTMENT DETAILS**

### **Introduction /Overview**

The department of Microbiology is dedicated to study and diagnose microorganisms that cause infections in humans. The department also promotes academic and research environment to cultivate future microbiologist equipped to contribute to scientific advancements and public health.

### **Vision/Objectives**

1. To train the Under Graduate Medical Students and post graduate medical students according to NMC & MUHS guidelines
2. To understand the role of microbial agents in health and disease.
3. To understand the immunological mechanisms in health and disease.
4. Knowledge of the principles and application of infection control measures
5. To provide opportunities for the students to develop basis diagnostic skills in Microbiology, including the practical applications and interpretation of the laboratory test reports for the diagnosis of infectious diseases.
6. To inculcate Ethical values in the Undergraduate Medical students as per AETCOM modules.
7. To enhance opportunities for the research for faculty members as well as Undergraduate students and post graduate students
8. To create opportunities to upgrade the faculty knowledge and skills.




#### **• Mission/Goal (Academic)**

- The goal of teaching Microbiology to students and is to provide understanding of the natural history of infectious diseases in order to deal with the etiology, pathogenesis, pathogenicity, laboratory diagnosis, treatment, control and prevention of these infections and infectious diseases.

#### **• Mission/Goal: (Clinical)**

- To provide quality laboratory services to improve patient's safety & care management.

## List of Teaching Faculties

Sr. No.	Name of Faculty	Designation	Qualification	Total Teaching experience	Photo
1	Dr. Kishor Ingole	Professor & HOD	MBBS MD Microbiology	31 years	
2	Dr. Hitesh Adchitre	Associate Professor	MBBS MD Microbiology	20 years	
3	Dr. Sukhada Buwa	Assistant Professor	MBBS MD Microbiology	9 years	

## LIST OF POST-GRADUATION STUDENTS

SR. NO.	NAME	DESIGNATION
1	Dr. Sagar rane	Senior resident
2	Dr. Prahlad pawar	Senior resident
3	Dr. Yudhisthir sharad ingale	Junior resident 3
4	Dr. Krishnendu I	Junior resident 3
5	Dr. Abhishek kumar	Junior resident 2
6	Dr. Asfaq ahmad	Junior resident 2
7	Dr. Neelakshi devi	Junior resident 1
8	Dr. Sujeet kumar	Junior resident 1
9	Dr. Dipali manohar	Junior resident 1
10	Dr. Yogesh choudhary	Junior resident 1

## List of Non-Teaching Staff

- a) Technical staff
- : Shri. Jitendra Patil
  - : Smt. Sunita Mudiraj
  - : Shri. Vishnu Rathod
  - : Shri. Rameshwar Kakade

- b) Laboratory attendants : Shri. Kishor Surywanshi
- c) Clerk : Shri. Nilesh Teli
- d) Sanitation staff : Shri. Deepak Surywanshi

## Activities by Department

### CME

1. Sterilization practices & Hospital Infection control, Dated 15/09/2023
2. Infectious diseases, Dated:11/12/2023

## Best Practices/ facilities/Services offered by Department (If any)

The department provide bacteriology, mycology, parasitology, serology, immunology and molecular diagnostic laboratory (viral diagnostic laboratory) services. The molecular laboratory has provided COVID-19 diagnosis using RT – PCR since March 2020 and has tested 4 lac samples during the pandemic.

## List of Publications and Research (Faculty wise)

### Dr. Kishore V Ingole

Sr. No.	Publication in Vancouver Style	Indexing System
1	Ingole KV, Fule RP, Jalgaonkar SV. Primary cutaneous disease due to <i>Nocardia asteroides</i> --a case report. Indian J Med Sci. 1995 Oct;49(10):231-2. PMID: 8772827.	Pubmed
2	Fule RP, Jalgaonkar SV, Ingole KV, Fule C. Outbreak due to <i>Vibrio cholerae</i> E1 Tor & serotype O139 in Yavatmal (Maharashtra) during June-July, 1994. Indian J Med Res. 1995 Feb;101:62-3. PMID: 7729850.	Pubmed
3	Ingole KV, Jalgaonkar SV, Moon B, Fule C, Fule RP. Mycological aspects of dermatomycosis in Yavatmal (Maharashtra). Indian J Dermatol Venereol Leprol. 1995 Jul-Aug;61(4):244-5. PMID: 20952978.	Pubmed
4	Ingole KV, Jalgaonkar SV, Fule C, Fule RP. Changing pattern of <i>Vibrio cholerae</i> serotype EL TOR and O139 in Yavatmal (Maharashtra, India) during 1992 to 1994. Indian J Pathol Microbiol. 1997 Jul;40(3):369-71. PMID: 9354010	Pubmed
5	Jalgaonkar SV, Ingole KV, Ambhore NA, Fule RP. Re-emergence of <i>Vibrio cholerae</i> serogroup O139 during June-August, 1997 in Yavatmal (Maharashtra). Indian J Med Res. 1998 Jul;108:1-2. PMID: 9745210.	Pubmed

<b>6</b>	Ingole KV, Jalgaonkar SV, Fule RP. Actinophytosis (botryomycosis) due to staphylococcus aureus in a patient with diabetes mellitus. Indian J Dermatol Venereol Leprol. 1995 May-Jun;61(3):179-80. PMID: 20952945.	Pubmed
<b>7</b>	Ingole KV, Jalgaonkar SV, Fule RP. Study of proteases and other enzymes of Vibrio cholerae 01 E2 Tor and 0139 serotypes isolated in Yavatmal (Maharashtra). Indian J Pathol Microbiol. 1998 Oct;41(4):419-22. PMID: 9866901.	Pubmed
<b>8</b>	1. Fule RP, Jalgaonkar SV, Ingole KV. Chronic ulcerative gingivo-stomatitis due to Corynebacterium ulcerance. Natl Med J India. 1996 Jan-Feb;9(1):50. PMID: 8713535.	Pubmed
<b>9</b>	Ingole KV, Jalgaonkar SV, Fule RP. Nosocomial infection in gun-shot [correction of gut-shot] injury patient: a case report. Indian J Med Sci. 1998 Oct;52(10):448-9. PMID: 10085613.	Pubmed
<b>10</b>	Ambhore NA, Ingole KV, Fule RP. Reappearance of Vibrio cholerae serogroup 0139 in Yavatmal during June-August-1998. Indian J Med Sci. 2000 Feb;54(2):63-4. PMID: 11271727.	Pubmed
<b>11</b>	Fule RP, Jalgaonkar SV, Ingole KV. Chronic ulcerative gingivo-stomatitis due to Corynebacterium ulcerance. Natl Med J India. 1996 Jan-Feb;9(1):50. PMID: 8713535.	Pubmed
<b>12</b>	Kumar P, Mishra DK, Deshmukh DG, Jain M, Zade AM, Ingole KV, Goel AK, Yadava PK. Vibrio cholerae O1 Ogawa El Tor strains with the ctxB7 allele driving cholera outbreaks in south-western India in 2012. Infect Genet Evol. 2014 Jul;25:93-6. doi: 10.1016/j.meegid.2014.03.020. Epub 2014 Apr 16. PMID: 24747608.	Pubmed
<b>13</b>	Kumar P, Yadav P, Deshmukh DG, Bulle PA, Singh D, Singh N, Sharma KK, Jain M, Ingole KV, Goel AK, Yadava PK. Vibrio cholerae O1 with ctxB7 variant genotype acquired qnrVC mediated ciprofloxacin resistance in Yavatmal, India. Clin Microbiol Infect. 2017 Dec;23(12):1005-1006. doi: 10.1016/j.cmi.2017.06.019. Epub 2017 Jun 23. PMID: 28648857.	Pubmed

Dr.Hitesh Adchitre :

Sr. No.	Publication in Vancouver Style	Indexing System
1	Adchitre Hitesh Ramesh, D B More, Megha Jaraje. A study of incidence of pulmonary tuberculosis in chronic asthmatic patients. MedPulse International Journal of Microbiology. October 2020;16(1): 01-05.	Index copernicus
2	Adchitre Hitesh Ramesh, D B More, Megha Jaraje. A study of incidence of Pulmonary Nocardiosis at tertiary health care centre in Dhule. MedPulse International Journal of Microbiology. September 2020;15(3): 10-13.	Index Copernicus

Dr. Buwa Sukhada Kashinath :


Sr. No	Publication in Vancouver referencing style	Indexing system
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1	Mrudula Dravid, Sukhada Buwa, Shubhangi Dange, Hitesh Adchitre. GENE XPERT BASED ONE YEAR ANALYSIS OF PULMONARY KOCH'S FROM NORTH MAHARASHTRA REGION International Journal of Current Research and Review. 8(11), June, 05-09	Google Scholar, Indian Citation Index (ICI),
2	Buwa et al.Study of Linezolid and Vancomycin Susceptibility in Methicillin Resistant Staphylococcus aureus Isolates from Clinical Specimens in a Tertiary Care Hospital.International Journal of Pharmaceutical and Clinical Research 2023; 15(1); 792-797	Embase
3	Buwa et al . Antimicrobial Susceptibility Pattern of Pseudomonas aeruginosa Isolates in Clinical Samples with Special Reference to Metallo Beta Lactamase Detection From A Tertiary Care Hospital.International Journal of Toxicological and Pharmacological Research 2023; 13(1); 219-225	Embase


## Photo Gallery

### CME Sept 2023





**CME on**  
**Sterilization Practices & Hospital Infection Control**



**Present**  
 Department of Microbiology & Department of PSM,  
 Government Medical College, Jalgaon




Venue : Anatomy Lecture Hall,  
 Government Medical College, Jalgaon

Date: 15<sup>th</sup> September 2023  
 Time : 9:00 a.m. to 5:30 p.m.





**CME Dec 2023**



