

# DEPARTMENT OF MICROBIOLOGY



परवानगीशिवाय  
कोणीही आत  
येऊ नये



## Department Of Microbiology

Establishment :- YEAR 1989

Sr no	Name	Post	Period
01	Dr. R. P. Fule	Head of Department	15/10/1990 09/06/1999
02	Dr. V. J. Katkar	Head of Department	10/06/1999 09/08/2001
03	Dr. A. A. Pathak	Head of Department	09/08/2001 06/08/2002
04	Dr. R. B. Brahmane	Head of Department	02/09/2002 03/08/2009
05	Dr. V. J. Katkar	Head of Department	03/08/2009 To 31/03/2015
06	Dr. N.G. Deogade	Head of Department	07/04/2015 To 31/07/2017
07	Dr. Supriya Tankhiwale	Head of Department	06/10/2017 To 10/12/2019
08	Dr.V.G.Gujar	Head of Department	11/12/2019 To 26/01/2022
09	Dr. M.S. Qazi	Head of Department	27/01/2022 to Till date

## Faculties Name of Faculties

<b>Sr.No.</b>	<b>DESIGNATION</b>	<b>NAME OF THE FACULTY</b>
01	Professor & Head	Dr. M. S. Qazi
02	Associate Professor	Dr. V. M. Gujar
03	Associate Professor	Dr. A. S. Patil
04	Assistant Professor	Dr. D. G. Deshmukh
05	Assistant Professor	Dr. P.A. Bulle
06	Assistant Professor	Dr. S.W. Tekam

**B. List of non-teaching**

a. Technical Assistant:-	1).Shri M. D.Chincholkar
b. Technicians:-	1) Shri. Dilip Patil 2). Shri. A. M. Warghat 3). Shri M.H. Gawande 4) Shri Gajanan Kanake 5) Sau. Vijaya Jadhao 6) Shri. Vijay Kagadelwar
c. Laboratory Attendant	1). Shri. R. S. Dani 2) Shri.Naresh Bramhane
D. Store keeper:-	
E Record clerk:-	Shri. Sudhir Gondane
F Steno-typist	N A
G .Any other category:	Shri. Amit Vyas and Shri. Satish Kaloshiya (Sweeper)
Animal Attendance ;	Shri. Muralidhar Kukadkar

## Facility:-

1. Post Graduate & under Graduate Teaching
2. Demonstration Hall
3. Practical Hall
4. Laboratory Hall
5. "DESHA" (HIV Centre Hall)
6. Library Hall
7. Viral research and diagnostic laboratory (VRDL) for COVID 19 RT PCR testing
8. Microbiology Museum and Seminar hall.

## Any Other Information

- 1) P.C.R. Dt. 13-02-2012 225
- 2) P.C.R. for technician Dt. 28-04-2012 60 Dots workshop Dt. 28-01-2012 150
- 3) HIV workshop for technician dt. 12-01-2012 30
- 4) HIV workshop for councilor Dt. 30-12-2011 30

## Publication

1 Antibiotic sensitivity pattern among the common uropathogene at Shri Vasntrao Naik Govt, Medical College , Yavatmal. Presented at state Microbiology conference Pune . 2011 .

2 Isolation of cryptosporidium among the immunocompetent pediatric patient presented at National parasitology conference (Tropicon) 2012 Govt, Medical College, Nagpur

3 Seroepidemiological study of Dengue fever at , Yavatmal District of Maharashtra presented at National Microbiology conference lady hardy Medical College , Delhi 2012

4 Antibiotic sensitivity Pattern of Blood Stream infection among pediatric patient presented at National Microbiology conference lady hardy Medical College , Delhi 2012

5 Study of HIV serodiscorder couple at Yavatmal District of Maharashtra presented at international HIV AIDS conference Mumbai

6 Outbreak of El Tor Vibrio cholera carrying CTXB gene of classic Vibrio cholera. Paper under peer review in Indian Journal Medical Microbiology.

7) ANC Sentinel Surveillance for HIV Seropositivity

1. **Deshmukh DG**, Damle AS, Bajaj Jk, Bhakre JB, Patwardhan NS. Metallo-beta-lactamase – producing clinical isolates from patients of a tertiary care hospital. Journal of laboratory physicians 2011;3(2):93-97
- 2 **Deshmukh DG**, Damle AS, Bajaj Jk, Bhakre JB, Patil NS. Fatal rabies despite post-exposure prophylaxis. Indian journal of Medical Microbiology 2011;29(2):178-91
- 3 Patil SB, **Deshmukh DG**, Dixit JV, Damle AS. Epidemiological investigation of an outbreak of acute diarrheal disease : a Shoe leather epidemiology. Journal of global infectious diseases 2011;3(4):361-67
4. Damle AS, Gaikwad AA, Patwardhan NS, Duthade MM, Sheikh NS, **Deshmukh DG**. outbreak of Human buffalopox infection. Journal of global infectious diseases 2011;3(2):187-8.
- 5 P kumar, DK Mishra, **DG Deshmukh**, Haitian Variant ctxB producing vibrio cholerae O1 with reduce susceptibility to ciprofloxacin is persistent in Yavatmal Maharashtra. European journal of clinical microbiology and infection. 8march 2013
- 6 **Deshmukh DG** et al study of Chlamydia trachomatis in infertile women. Paripex-Indian Journal of research. March 2013
7. **Deshmukh DG** et al Mithicilline resistant staph aureus : prevalence and risk factors among health care workers. National journal of integrated Research in medicine. July 2013
8. **Deshmukh DG**, Zade AM, Ingole KV, Mathai JK. State of the globe: Non-fermenting gram-negative bacilli challenges and potential solutions. J Global Infect Dis 2013;5:125-6
- 9 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.

## Research Projects published and presented

1. Subdural empyema in an immunocompetent patient due to *M.fortuitum* Accepted by I.J.M.M.
2. State of the global non fermenting gram negative bacilli challenges and potential solution

Journal of global infectious disease, volume 5 issue 4:2013

3. Haitian variant *ctxB* producing *Vibrio cholera* 01 with reduce susceptibility to ciprofloxacin is persistent in Yavatmal, Maharashtra, India after causing a cholera outbreak.

Journal of clinical microbiology and infection volume 3 issue 1: 2013

4. Methicillin resistance *Staphylococcus aureus* prevalence and risk factors among health care worker. National Journal of integrated research in Medicine vol 4 issue 1 : 2013
5. Prevalence of urinary tract infection and antibiotic susceptibility pattern among pediatric patients at Govt. medical college, Yavatmal, Maharashtra. ( Presented state microbiology conference at D.Y. Patil Pune )
6. Case report : Cryptosporidium in immunocompetent 5 yr. old child patient (Presented at national parasitology conference Nagpur 2012 )
7. Sero-epidemiological study of dengue fever at Yavatmal region of Maharashtra (Presented at national microbiology conference at Delhi 2013)
8. Case report of osteomyelitis due to *Proteus mirabilis* in HIV negative patient (Presented at national conference Hyderabad 2013)

### ICMR completed research projects

- 1) Prevalence of MRSA and associated risk factors in health workers 2011
- 2) Study of CNS involvement in dengue patient
- 3) Study of bacterial isolated and there resistance pattern in ET secretion of intubated patients.



## Investigation Data from 1 Jan 2019 to 31 December 2019

<b>Sr. No</b>	<b>Name of Test Section</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Total</b>
1	<b>Bacteriology</b>	1311	1183	1404	1344	1480	1596	1674	1804	1699	2193	2045	1807	19540
2	<b>Serology</b>	1363	1526	1753	1430	1695	1971	2148	2481	3410	3142	2809	2019	25747
3	<b>Mycology</b>	30	4	0	3	2	2	3	3	4	0	1	2	54
4	<b>Parasitology</b>	679	735	796	704	800	817	947	1342	2132	1951	1575	952	13430
5	<b>Virology</b>	4135	3746	4485	4012	4808	4735	5023	5446	6854	7674	7439	6794	65151
6	<b>Immunology</b>	428	398	453	625	596	626	551	512	433	493	466	457	6038
7	<b>Molecular</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
8	<b>Others</b>	33	28	32	30	32	36	32	34	29	59	56	28	429
	<b>Grand Total</b>	<b>7979</b>	<b>7620</b>	<b>8923</b>	<b>8148</b>	<b>9413</b>	<b>9783</b>	<b>10378</b>	<b>11622</b>	<b>14561</b>	<b>15512</b>	<b>14391</b>	<b>12059</b>	<b>130389</b>

## Investigation Data from 1 Jan 2020 to 31 December 2020

Sr. No	Name of Test Section	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	Bacteriology	1864	1721	1605	1225	1173	1150	1295	1155	1225	1315	2246	1706	17680
2	Serology	1842	1801	2653	822	942	1199	1092	1115	1269	1209	1144	1386	16474
3	Mycology	9	4	3	0	2	1	2	0	0	9	0	3	33
4	Parasitology	712	811	716	306	261	246	258	229	239	260	275	261	4574
5	Virology	6930	6249	5573	2374	3471	4773	4155	3781	4000	3583	3749	5343	53981
6	Immunology	651	507	506	349	436	417	529	497	443	406	438	460	5639
7	Molecular	0	0	0	0	0	3620	9612	16567	21537	7283	8283	11733	78635
8	Others	44	27	25	23	21	28	27	20	23	25	21	34	318
	<b>Grand Total</b>	<b>12052</b>	<b>11120</b>	<b>11081</b>	<b>5099</b>	<b>6306</b>	<b>11434</b>	<b>16970</b>	<b>23364</b>	<b>28736</b>	<b>14090</b>	<b>16156</b>	<b>20926</b>	<b>177334</b>

## Investigation Data from 1 Jan 2021 to 31 December 2021

Sr. No	Name of Test Section	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	<b>Bacteriology</b>	1314	1184	1437	988	1270	1404	1920	1451	1451	1421	1365	1351	16556
2	<b>Serology</b>	1357	1183	889	602	729	1290	1980	2835	3149	2622	1461	1656	19753
3	<b>Mycology</b>	8	6	2	6	136	201	96	29	25	28	9	8	554
4	<b>Parasitology</b>	306	284	227	220	202	322	750	1746	1931	1640	637	593	8858
5	<b>Virology</b>	5693	3964	2808	2004	2262	3634	6396	9513	10986	11695	6679	7674	73308
6	<b>Immunology</b>	514	435	472	451	459	613	971	1186	1140	977	723	737	8678
7	<b>Molecular</b>	7431	6384	25854	76196	135367	29263	14391	15922	17421	10825	4847	11515	355416
8	<b>Others</b>	3	7	12	4	5	5	12	16	18	20	10	11	123
	<b>Grand Total</b>	<b>16626</b>	<b>13447</b>	<b>31701</b>	<b>80471</b>	<b>140430</b>	<b>36732</b>	<b>26516</b>	<b>32698</b>	<b>36121</b>	<b>29228</b>	<b>15731</b>	<b>23545</b>	<b>483246</b>