



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 Till date

Faculties Name of Faculties

Sr No	Faculties	Faculties Name
01	Professor & Head	Dr. Supriya Tankhiwale
02	Associate Professor	Dr. V. M. Gujar
03	Associate Professor	Dr. D. G. Deshmukh
03	Assistant Professor	Dr. P.A. Bulle
04	Assistant Professor	Dr. S.S. Kale

B. List of non-teaching

a. Technical Assistant:-	1) .Shri. S R Tambaskar 2) Shri. Pradeep Shendre
b. Technicians:-	1) Sau Vijaya Jadhao 2). Shri. A. M. Warghat 3). Shri. S. M. Yende 4) Shri M.H. Gawande 5) Shri Gajanan Kanake 6) Shri. Dilip Patil
c. Laboratory Attendant	2). Shri. R. S. Dani 3).Shri M. D. Chincholkar
D. Store keeper:-	Shri. M.H. Gawande
E Record clerk:-	Ms. Kiran Bondre
F Steno-typist	N A
G .Any other category:	N A
Animal Attendance ;	1) Shri Devanand Bonde 2) Shri Murlidhar 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

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 immunocompaten pediatric patient presented at 3 National paracytology conference (Tropicon) 2012 Govt, Medical College, Nagpur
- Seroepidimological 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.
- 4) 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 Mithicillin 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.

PROJECT UNDER DEPARTMENT

Detection of MRSA among the health care worker. Short term student ICMR research Project 2013.

Research Projects published and Presented

1. Subdural empyema in a immunocompetant 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 cholerae* 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 conferance at D.Y. Patile Pune)
6. Case report : Cryptosporidium in immunocompetent 5 yr old child patient (Presented at national parasitology conference Nagpur 2012)
7. Seroepidemiological 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 Hydrabad 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.

DEPARTMENT OF MICROBIOLOGY

JAN 2013 TO Dec 2013

Sr no	Name	Jan	Feb	Mar	April	May	Jun	July	Aug		Sep		Oct		NOV		DEC	
									OPD	IPD	OPD	OPD	iPD	IPD	OPD	iPD	OPD	IPD
1	SputumZN and GM stain	55	04	03	04	01	01	00	11	14	00	00	01	01	00	01	00	00
2	Dots	220	200	216	316	279	213	304	424	42	321	327	51	40	46	251	272	71
3	Stoll for v. cholera	83	04	15	03	00	00	03	32	00	08	00	00	00	00	01	01	02
4	Stool c/s	11	04	05	09	14	07	09	09	05	01	04	08	04	03	04	02	03
5	Urine c/s	53	51	40	42	40	27	24	30	06	45	12	35	05	09	22	13	24
6	Mislenius i.c.Bodyfluid	99	47	45	41	43	46	59	48	20	76	05	16	05	00	10	10	59
7	Sputum c.s	14	03	02	02	04	01	07	02	03	00	01	00	01	00	01	00	01
8	Conj Swab c/s	00	00	01	03	01	01	00	03	02	00	00	00	00	00	00	00	02
9	Blood c/s	170	144	177	168	189	116	320	120	05	97	03	82	02	02	58	05	34
10	HBsAg	528	505	562	565	535	464	301	169	462	153	521	134	434	713	159	325	79
11	widal	224	175	170	172	166	163	280	115	344	146	320	137	338	238	146	181	59
12	V. D . R. L.	560	411	471	457	398	213	52	01	149	11	63	00	87	228	06	288	09
13	R. A.	29	20	46	14	25	21	11	03	14	01	12	06	28	19	00	11	08
14	A S O	08	22	20	03	02	05	02	00	00	01	06	04	11	03	00	02	04
15	C.R.P	19	00	27	15	17	12	07	01	09	01	06	04	04	04	15	07	35
16	Air settled plate OTSwab	82	217	136	188	220	422	573	00	301	00	00	591	771	00	183	90	114
17	H I V	700	582	677	650	652	677	981	581	249	398	405	286	278	294	456	170	103
	TOTAL	2855	2389	2613	2652	2586	2389	2933	2774		3268		3039	2872		1981		
IPD		1000	837	954	929	905	836	1027	1625		2009		1354	1313		604		
OPD		1855	1552	1698	1723	1681	1553	1906	1549		1259		1685	1559		1377		

Jan 2015 to Dec 2015

Sr no	Name	Jan		Feb		Mar		April		May		June		JULy		Aug		Sep		OCT		Nov		DEc		
		OPD	IPD	OPD	IPD	OPD	IPD	OPD	IPD	OPD	IPD	opd	ipd	OPd	IPD	OPd	IPD	OPD	IPD	OPD	IPD	OPD	IPD	OpD	IPD	
1	SputumZN and GM stain	76	25	30	55	50	45	00	00	20	45	32	61	27	80	30	44	01	06	00	08	04	00	00	02	
2	Dots	279	36	325	53	331	71	298	57	275	41	230	89	218	75	211	63			216	104	77	185	317	85	
3	Stoll for v. cholera	00	00	01	04	00	00	00	00	00	00	04	06	00	13	03	06	00	05	00	08	06	00	00	01	
4	Stool c/s	10	03	01	05	02	03	03	04	03	00	00	03	00	04	01	04	00	02	00	07	06	01	01	08	
5	Urine c/s	18	17	11	11	14	22	08	18	08	09	17	17	13	30	18	34	05	32	11	39	27	06	17	27	
6	Miscellirius i.c.Bodyfluid	74	22	16	46	29	36	11	49	10	40	12	37	16	50	20	43	12	68	08	61	54	04	01	67	
7	Sputum c.s	02	03	07	04	11	04	00	00	07	03	03	03	01	00	07	01	02	04	00	12	02	01	01	05	
8	Conj Swab c/s	02	02	02	03	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	02	02	00	00	00
9	Blood c/s	00	30	05	15	02	22	00	26	03	23	11	27	05	97	05	81	07	110	04	95	71	00	02	73	
10	HBsAg	621	184	772	140	832	144	627	122	543	130	673	137	665	199	686	231	584	139	549	149	118	543	633	139	
11	widal	231	67	358	106	63	28	249	99	253	123	226	100	273	116	286	181	368	326		297	138	269	212	130	
12	V. D . R. L.	200	01	233	00	17	00	168	01	171	01	153	02	108	25	130	16	194	05	177	08	05	193	291	06	
13	R. A.	26	04	34	06	11	02	26	07	23	03	32	05	24	03	29	02	31	07	22	03	07	30	17	02	
14	A S O	07	04	06	02	01	02	04	05	05	02	09	02	03	05	02	03	03	06	03	05	07	06	04	03	
15	C.R.P	04	108	24	69	07	06	21	38	13	116	16	111	21	187	13	190	16	06	13	19	106	18	23	120	
16	Air settled plate OTSwab	00	192	224	00	00	433	165	00	26	00	386	00	403	00	269	----	164	00	00	201	326	00	359	00	
17	H I V	500	475	361	614	466	493	521	405	418	385	530	363	537	467	574	403	603	328	372	449	387	365	461	412	
18	Dengue	56	63	98	197	82	83	57	59	44	63	26	62	46	90	84	162	170	296	253	212	118	59	79	85	
19	Malaria	30	95	27	124	50	111	11	19	23	90	13	73	22	106	34	152	88	236	131	339	111	144	184	113	
	TOTAL	3467		3989		3473		3078		2919		3095		3929		4018		4110		4227		3396		3880		
IPD		1331		1454		1505		909		1074		1098		1547				1616	2460	2008		1824		1278		
OPD		2136		2535		1968		2169		1845		1997		2382				2402	1650		2219		1572		2602	

2015- IPD- 16664
OPD-17042

Investigation report for the month Jan- 2016 to Dec-2016

<i>MONTH</i>	<i>OPD</i>	<i>IPD</i>	<i>Total</i>
<i>January-2016</i>	<i>2655</i>	<i>1210</i>	<i>3865</i>
<i>February-2016</i>	<i>2692</i>	<i>1924</i>	<i>4616</i>
<i>March-2016</i>	<i>2090</i>	<i>1930</i>	<i>4020</i>
<i>April-2016</i>	<i>2258</i>	<i>1831</i>	<i>4089</i>
<i>May-2016</i>	<i>2093</i>	<i>2355</i>	<i>4448</i>
<i>Jun-2016</i>	<i>3029</i>	<i>2208</i>	<i>5237</i>
<i>July-2016</i>	<i>2520</i>	<i>2323</i>	<i>4843</i>
<i>August-2016</i>	<i>1621</i>	<i>1791</i>	<i>3412</i>
<i>Sep-2016</i>	<i>2127</i>	<i>2731</i>	<i>4858</i>
<i>Oct-2016</i>	<i>2337</i>	<i>2967</i>	<i>5304</i>
<i>Nov-2016</i>	<i>1166</i>	<i>1615</i>	<i>2781</i>
<i>Dec-2016</i>	<i>2331</i>	<i>1765</i>	<i>4096</i>

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Report of Investigation for the month Jan- 2017 to Dec-2017

<i>MONTH</i>	<i>OPD</i>	<i>IPD</i>	<i>Total</i>
<i>January-2017</i>	<i>2585</i>	<i>1977</i>	<i>4562</i>
<i>February-2017</i>	<i>2932</i>	<i>1473</i>	<i>4436</i>
<i>March-2017</i>	<i>2503</i>	<i>1789</i>	<i>4292</i>
<i>April-2017</i>	<i>2292</i>	<i>1753</i>	<i>4045</i>
<i>May-2017</i>	<i>2459</i>	<i>2495</i>	<i>4954</i>
<i>Jun-2017</i>	<i>2826</i>	<i>2553</i>	<i>5379</i>
<i>July-2017</i>	<i>2910</i>	<i>2680</i>	<i>5590</i>

<i>August-2017</i>	<i>3012</i>	<i>2871</i>	<i>5883</i>
<i>Sep-2017</i>	<i>3857</i>	<i>3848</i>	<i>7705</i>
<i>Oct-2017</i>	<i>3857</i>	<i>3463</i>	<i>7320</i>
<i>Nov-2017</i>	<i>3573</i>	<i>3111</i>	<i>6684</i>
<i>Dec-2017</i>	<i>3277</i>	<i>2844</i>	<i>6121</i>

Report of Investigation for the month Jan- 2018 to 11-Feb-2018

<i>MONTH</i>	<i>OPD</i>	<i>IPD</i>	<i>Total</i>
<i>January-2018</i>	<i>3604</i>	<i>2868</i>	<i>6472</i>
<i>February-2018</i>	<i>3148</i>	<i>2775</i>	<i>5923</i>
<i>March-2018</i>	<i>3175</i>	<i>3009</i>	<i>6184</i>