

# DEPARTMENT OF MICROBIOLOGY



परवानगीशिवाय  
कोणीही आत  
येऊ नये

ROOM



# DEPARTMENT OF MICROBIOLOGY

ESTABLISHMENT: - YEAR 1989

## Head of Microbiology Department Names

Sr.No.	Name	Post	Period
01	Dr. R. P. Fule	Head of Department	15/10/1990 To 09/06/1999
02	Dr. V. J. Katkar	Head of Department	10/06/1999 To 09/08/2001
03	Dr. A. A. Pathak	Head of Department	09/08/2001 To 06/08/2002
04	Dr. R. B. Brahmane	Head of Department	02/09/2002 To 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

Sr.No.	DESIGNATION	NAME OF THE FACULTY
01	Professor and Head	Dr. M. S. Qazi
02	Associate Professor	Dr. V. M. Gujar
03	Associate Professor	Dr. D. G. Deshmukh
04	Assistant Professor	Dr. P. A. Bulle
05	Assistant Professor	Dr. M. R. Madavi

## LIST OF NON-TEACHING STAFF

a) Technical Assistant:-	1. Shri M. D. Chincholkar
b) Technicians:-	1. Shri. Dilip Patil
	2. Shri A. H. Warghat
	3. Shri M.H. Gawande
	4. Shri Gajanan Kanake
	5. Shri Vijay Kagadelwar
	6.Ashwini Nagrale (VRDL)
c) Laboratory Attendant:-	N.A.
d) Store Keeper:-	N.A.
e) Record Clerk:-	N.A.
f) Steno-Typist:-	N.A.
g) Any Other Category:-	1. Shri. Satish Kaloshiya (Sweeper)
h) Animal Attendance:-	N.A.

## **FACILITY**

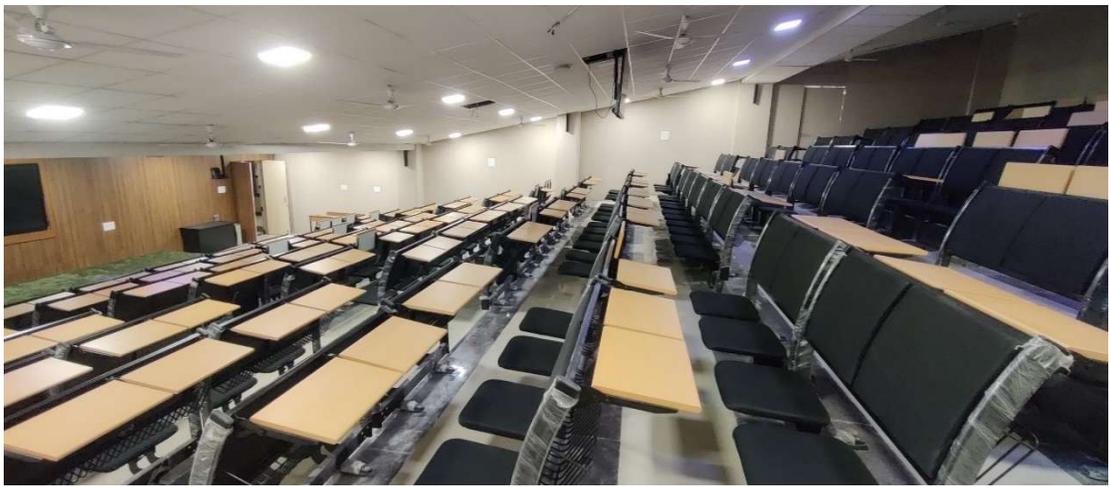
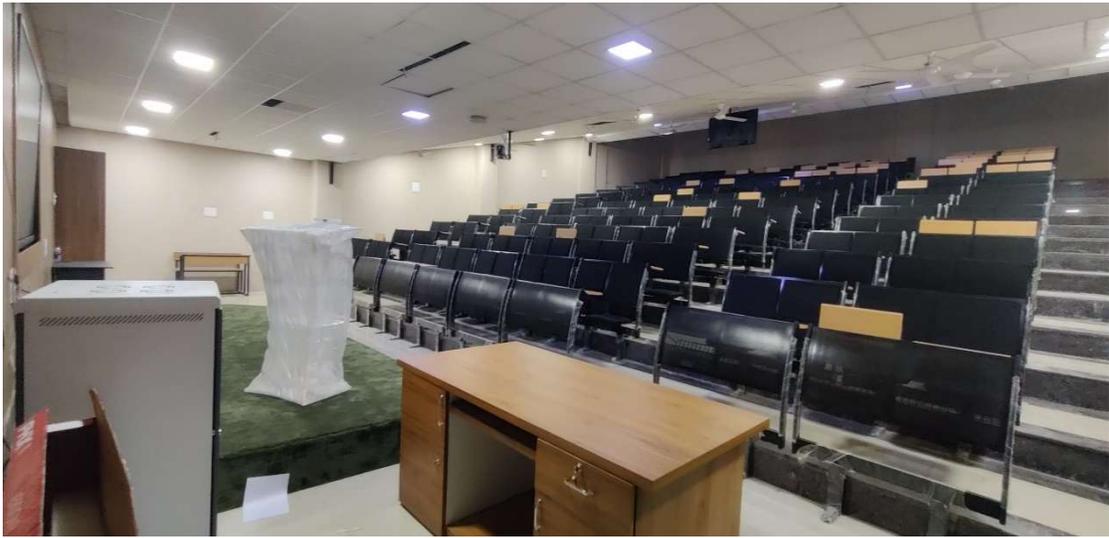
- ❖ Post Graduate and Under Graduate Digital Teaching Hall
  
- ❖ Demonstration Hall
  
- ❖ Practical Hall
  
- ❖ Laboratory Hall
  
- ❖ “DESHA” (HIV Center Hall)
  
- ❖ Library Hall
  
- ❖ Viral research and diagnostic laboratory (VRDL) for  
COVID-19 RT-PCR testing
  
- ❖ Microbiology Museum and Seminar Hall.

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## Post Graduate and Under Graduate Digital Teaching Hall

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# Practical Hall

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# Library And Seminar Room

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**VIRAL RESEARCH DIAGNOSTIC LABORATORY**

**DEPARTMENT OF MICROBIOLOGY**

  
**ENTRY RESTRICTED**  
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# Molecular laboratory

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## **ANY OTHER INFORMATION**

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

### **Proficiency Testing (P.T.)**

1. 28.12.2018-P.T. ROUND – 2<sup>nd</sup> (F.Y. 2017-2018)
2. 01.08.2019-P.T. ROUND-1<sup>st</sup> (F.Y. 2019-2020)
3. 06.01.2020-P.T. ROUND – 2<sup>nd</sup> (F.Y. 2019-2020)
4. 27.08.2020-P.T. ROUND-1<sup>st</sup> (F.Y. 2020-2021)
5. 07.01.2021-P.T. ROUND-2<sup>nd</sup> (F.Y. 2020-2021)
6. 26.07.2021-P.T. ROUND-1<sup>st</sup> (F.Y.2021-2022)
7. 22.02.2022-P.T. ROUND-2<sup>nd</sup> (F.Y.2021-2022)
8. 08.09.2022-P.T. ROUND-1<sup>st</sup> (F.Y.2022-2023)
9. 22.03.2023-P.T. ROUND-2<sup>nd</sup> (F.Y.2022-2023)
- 10.28.06.2023-P.T. ROUND-1<sup>st</sup> (F.Y.2023-2024)
- 11.29.01.2024-P.T. ROUND-2<sup>nd</sup> (F.Y.2023-2024)
- 12.02.08.2024-P.T. ROUND-1<sup>st</sup> (F.Y.2024-2025)

# **Hospital Infection Control Committee**

## **Workshop F.Y.-2024-2025**

1. Training workshop for new nursing staff on Biomedical waste management and needle stick injury prevention and management on dated 14<sup>th</sup> &15<sup>th</sup> May 2024.
2. Training workshop for nursing staff on infection control strategies on dated 29<sup>th</sup> &30<sup>th</sup> July 2024
3. Training workshop for SRL, ICTC, CD4 Lab Technicians on Biomedical waste management on dated 25<sup>th</sup> September 2024.
4. Training workshop for class 4 staff on Environmental cleaning & Biomedical waste management on dated 12<sup>th</sup> March 2025.

## 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 presentedat 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 Outbreak of El Tor Vibrio cholera carrying CTXB gene of classic Vibrio cholera. Paper under peer review in Indian Journal Medical Microbiology.
6. ANC Sentinel Surveillance for HIV Seropositivity.
7. Gujar V, Deshmukh A, More S, Bagwan N. Prevalence of Extended Spectrum beta lactamases producing Klebsiella pneumoniae isolated at Government Medical College, Nanded. Journal of Evolution of Medical and Dental Sciences. 2013 Jan 28;2(4):325-32.
8. Gujar VM, Raut SS, More SR. Prevalence of extended spec lactamases producers amon infections and burns patients hospital, Nanded. Science and Technology. 2014 Jul;11(3):386-.
9. Gujar VM, Prevalence of colonization of Methicillin Resistant Staphylococcus Aureus among health care workers in tertiary care hospital of Nanded, Maharashtra. International J. of health sciences and research /vol. 5/Issue 3/Pg.No.133-136.
10. Gujar VM, Outbreak of scrub typhus in Central India. IP International J. of Medical microbiology and Tropical Diseases/vol. 5/Issue 2/Pg.No.112-115.

11. Gujar VM, Clinical and Laboratory parameters predicting severity of Dengue Infection. International J. of Current Microbiology and Applied Sciences / vol. 8/Issue 6/Pg.No.2477-2482.
12. 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
13. 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
14. 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
15. 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.
16. 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.
17. P kumar, DK Mishra, DG Deshmukh, Haitian Variant ctxB producing vibrio cholerae O1 with reduce susceptibility to ciprofloxacin is persistant in Yavatmal Maharashtra. European journal of clinical microbiology and infection. 8march 2013
18. Deshmukh DG et al study of Chlamydia trachomatis in infertile women. Paripex-Indian Journal of research. March 2013
19. 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
20. 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
21. Bhadke BB, Rathod RK, Mulay SD, Deshmukh DG, Mahajan PD. Efficacy of genexpert in diagnosing MTB/RIF resistance in HIV seropositive and seronegative patients: a study in comparison.

International Journal of Medical Microbiology and Tropical Diseases. 2017;3(2):50-6.

22. Mahajan D, Bulle P. Etiological study of blood stream infection in tertiary care teaching hospital. Journal of Research in Medical and Dental Science. www. jrmds. in. 2016 Jul 1;4(3):193-7.

23. Mahajan DD, Bulle AD. Microbiological profile and antibiogram of bacterial isolates causing urinary tract infection in tertiary care hospital. IOSR Journal of Dental and Medical Sciences. 2016;15(9):145-9.

24. Kale SS, Bulle PA, Deshmukh DG, Tankhiwale SS, Gujar VM. An outbreak of diarrhoeal disease of El Tor Vibrio cholerae O1 Ogawa in and around Yavatmal district, Maharashtra, India in 2018. Int J Community Med Public Health 2020;7:1297-300.

25. Gujar V M, Deshmukh D G, Dimple V K, Tankhiwale S S, Bulle P A, Outbreak of scrub typhus in central India. **IP Int J Med Microbiol Trop Dis** 2019;5(2):112-115

26. Bulle P A, Patil A, Etiological Study of Neonatal Septicemia. **Indian J Microbiol Res** 2015;2(3):142-147

27. Bulle, P.A., & Gedam, D.S. (2016). Prevalence of HIV and Impact of Targeted Interventions in High Risk Group: Men who have Sex with Men (MSM) and Transgender (TG). -. *International Journal of Health Sciences and Research*, 6, 131-135.

28. Bulle PA, Gedam D, Tekam S, Shendre P. Seroprevalence of Human Immunodeficiency Virus in Female Sex worker in Yavatmal (Maharashtra) region. Indian J Microbiol Res 2016;3(2):158-161.

29. A Case Report of Tinea Capitis with Endothrix, Dr. Apurba Das, Dr. Durgesh Gopalrao Deshmukh, Dr M.S. Qazi Paripex-Indian Journal of Research: Volume -14, Issue -3, March -2025.

30. Kodape SL, Deshmukh D. Study of Extra Pulmonary Tuberculosis using Gene X-pert and Fluorescent Microscopy at Vasant Rao Naik GMC Yavatmal. International Journal of Pharmacy Research & Technology (IJPRT). 2025 Sep 10;15(2):1804-9.

31. Kodape SL, Deshmukh D, Qazi MS. Seroepidemiologic Study of Dengue Fever in Vasant Rao Naik GMC Yavatmal. International Journal of Pharmacy Research & Technology (IJPRT). 2025 Sep 20;15(2):2000-4.

## RESEARCH PROJECT 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)

9. Study of Candidemia in Neonates. 2023 (Presented poster- Microcon-2023,Lucknow)
10. Bacteriological profile and antimicrobial resistance pattern of urinary tract infection at tertiary care hospital in yavatmal.2023 (Presented poster- Microcon-2023,Lucknow)
11. Prevalence of Entamoeba histolytica in pediatric population-a retrospective cross -sectional study. 2024(Presented poster- VAMM 2024 Maha-tropacon, AIIMS, Nagpur)
12. Isolation and identification of enterococci from various clinical specimens and its antimicrobial susceptibility (Presented poster- Microcon-2024, Pune)
13. Isolation and identification of enterococci from various clinical specimens and its antimicrobial susceptibility (Presented poster- Microcon-2024, Pune)
14. Seroprevalence of Co-infection of Hepatitis b and Hepatitis c among people living with HIV/AIDS from tertiary care hospital of Central India. (Presented poster- Microcon-2024, Pune)

## **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 their resistance pattern in ET secretion of intubated patients.

# INVESTIGATION DATA FROM 1 JAN 2019 TO 31 DEC 2019

SR.NO	NAME OF TEST SECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	Bacteriology	1311	1183	1404	1344	1480	1596	1674	1804	1699	2193	2045	1807	19540
2	Serology	1363	1526	1753	1430	1695	1971	2148	2481	3410	3142	2809	2019	25747
3	Mycology	30	4	0	3	2	2	3	3	4	0	1	2	54
4	Parasitology	679	735	796	704	800	817	947	1342	2132	1951	1575	952	13430
5	Virology	4135	3746	4485	4012	4808	4735	5023	5446	6854	7674	7439	6794	65151
6	Immunology	428	398	453	625	596	626	551	512	433	493	466	457	6038
7	Molecular	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Others	33	28	32	30	32	36	32	34	29	59	56	28	429
	<b>GRAND TOTAL</b>	7979	7620	8923	8148	9413	9783	10378	11622	14561	15512	14391	12059	130389

# INVESTIGATION DATA FROM 1 JAN 2020 TO 31 DEC 2020

SR	NAME OF TEST SECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
No.														
1	Bacteriology	1864	1721	1605	1225	1173	1150	1295	1155	1225	1315	2246	1706	17680
2	Serology	1842	1801	2653	822	942	1199	1092	1155	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>	12052	11120	11081	5099	6306	11434	16970	23364	28736	14090	16156	20926	177334

## INVESTIGATION DATA FROM 1 JAN 2021 TO 31 DEC 2021

<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	Bacteriology	1314	1184	1437	988	1270	1404	1920	1451	1451	1421	1365	1351	16556
2	Serology	1357	1183	889	602	729	1290	1980	2835	3149	2622	1461	1656	19753
3	Mycology	8	6	2	6	136	201	96	29	25	28	9	8	554
4	Parasitology	306	284	227	220	202	322	750	1746	1931	1640	637	593	8858
5	Virology	5693	3964	2808	2004	2262	3634	6396	9513	10986	11695	6679	7674	73308
6	Immunology	514	435	472	451	459	613	971	1186	1140	977	723	737	8678
7	Molecular	7431	6384	25854	76196	135367	29263	14391	15922	17421	10825	4847	11515	355416
8	Others	3	7	12	4	5	5	12	16	18	20	10	11	123
	<b>GRAND TOTAL</b>	16626	13447	31701	80471	140430	36732	26516	32698	36121	29228	15731	23545	483246

## INVESTIGATION DATA FROM 1 JAN 2022 TO 31 DEC 2022

SR. No.	NAME OF TEST SECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	Bacteriology	1285	1281	1513	1287	1300	1604	1530	1689	1194	1233	1809	1599	17324
2	Serology	1416	1311	1566	1440	1304	1401	1927	2785	3270	2664	2361	2162	23607
3	Mycology	11	15	8	14	6	13	3	2	5	3	3	3	86
4	Parasitology	483	390	525	483	562	607	827	1348	1588	1168	830	602	9413
5	Virology	6112	5996	7258	6722	6933	8253	7260	6616	7570	5789	6577	7316	82402
6	Immunology	605	674	841	741	762	824	814	875	974	645	446	387	8588
7	Molecular	20789	10173	2268	513	898	2402	3862	1995	1249	545	297	388	45379
8	Others	5	20	29	16	14	33	34	30	66	51	73	66	437
	<b>GRAND TOTAL</b>	30706	19860	14008	11216	11779	15137	16257	15340	15916	12098	12396	12523	187236

## INVESTIGATION DATA FROM 1 JAN 2023 TO 31 DEC 2023

SR. No.	NAME OF TEST SECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	Bacteriology	2175	2054	1335	1743	1886	1552	1453	1458	1527	1772	1538	1915	20408
2	Serology	3416	3419	3492	2448	2182	1948	2499	4353	5549	6048	3606	3096	42056
3	Mycology	7	21	1	6	9	2	13	9	2	2	2	9	83
4	Parasitology	656	806	866	695	669	802	836	1898	3301	3922	1696	1256	17403
5	Virology	9377	9018	8380	6472	4163	5707	6475	11614	13162	18441	9112	7559	109480
6	Immunology	445	589	732	709	846	783	871	796	1117	961	754	613	9216
7	Molecular	273	192	162	1114	659	98	46	42	4	1	5	12	2608
8	Others	81	67	35	85	84	64	121	72	54	59	57	46	825
	<b>GRAND TOTAL</b>	16430	16166	15003	13272	10498	10956	12314	20242	24716	31206	16770	14506	202079

## INVESTIGATION DATA FROM 1 JAN 2024 TO 31 DEC 2024

SR. No.	NAME OF TEST SECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	Bacteriology	1903	1471	1890	2117	2125	2478	2065	2565	1978	2242	1862	1723	24419
2	Serology	2352	2223	2359	2034	2371	2362	2524	3341	3762	3823	2855	3123	33129
3	Mycology	9	11	16	12	15	20	17	14	22	14	17	8	175
4	Parasitology	1019	987	946	771	943	969	1402	2120	2539	2236	1517	1100	16549
5	Virology	7772	7104	7562	7220	7512	7692	8936	11473	13486	12446	14960	7440	113603
6	Immunology	735	813	766	773	758	618	770	1834	1400	1326	952	693	11438
7	Molecular	34	4	1	2	2	3	1	0	2	0	0	0	49
8	Others	55	70	19	64	37	85	47	41	56	72	70	53	669
	<b>GRAND TOTAL</b>	13879	12683	13559	12993	13763	14227	15762	21388	23245	22159	22233	14140	200031

**Microbiology Department**  
**Shri Vasantnao Naik Govt. Medical College, Yavatmal**  
**Year-Wise Investigation Data**  
**From 01 Jan 2019 to 31 Dec 2024**

SR.NO	SECTIONWISE TEST	YEAR2019	YEAR2020	YEAR2021	YEAR2022	YEAR2023	YEAR2024	TOTAL
1	Bacteriology	19540	17680	16556	17324	20408	24419	115927
2	Serology	25747	16474	19753	23607	42056	33129	160766
3	Mycology	54	33	554	86	83	175	985
4	Parasitology	13430	4574	8858	9413	17403	16549	70227
5	Virology	65151	53981	73308	82402	109480	113603	497925
6	Immunology	6038	5639	8678	8588	9216	11438	49597
7	Molecular	0	78635	355416	45379	2608	49	482087
8	Others	429	318	123	437	825	669	2801
	<b>GRAND TOTAL</b>	130340	177334	483246	187236	202079	200031	1380315