

Research & Publications of Microbiology Department

Sr. No	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
1	Dr. P.R Bhise	Ghanwate NA, Thakare PV, Bhise PR , Wandhre A..Occurrence of extended spectrum beta lactamases among E. coli, Klebsiella pneumoniae isolated from urinary tract infection from tertiary health care centre in Amravati district. Biosciences, Biotechnology Research Asia, 2011;08:849-852.	NO	NO
		Bhise MP, Bhise PR , Antimicrobial activity of some New -3(2-Hydroxyphenyl)-4-Benzoyl-5-Phenylpyrazolines. National conf. Recent researches in Chemistry 2012:65-66.	NO	NO
		Wajid Abdul, Bhise PR ,Bhise MP . Studies on Assessment of Potability of Drinking water Available in Hotels of Amravati District of Maharashtra state (India). Indian Journal of Chemical sciences 2012; 1614-1620.	NO	NO
		Bhise PR , Bhise MP. Microbial and Chemical analysis of Drinking Water of Hotels of Amravati District (Maharashtra state) During Rainy season. Innovative Research Trends in Biological Sciences 2012;216-221.	NO	NO
		Ghanwate NA, Thakare PV, Bhise PR , Dhank A, Apotikar S. Prevention of Biofilm formation in Urinary –Catheter by coating Enzymes / Gentamycin/ EDTA. World Academy of Science, Engineering and Technology Lucerne.2012:739-741.	NO	NO
		Bhise MP, Bhise PR , Wajid Abdul. Assessment of Microbial Safety of Drinking Water available at Paani- Puri stalls of Amravati District of Maharashtra state (INDIA).American Journal of Pharmatech Research 2013;3: (2) 1-10.	NO	NO
		Ghanwate NA, Thakare PV, Bhise PR , Ingale R.Detection of Biofilm formation among the clinical isolates of Staphylococci by different methods and its correlation with antibiotic resistance. Bionano – frontier Journal of science & technology 2013;6:67-71.	NO	NO
		Ghanwate NA, Thakare PV, Bhise PR , Tayade S. Prevention of Biofilm formation in Urinary –Catheter by treatment with Anti Biofilm Agents.International Journal of Science & Research 2014;3 (4) 714-71	NO	NO
		Ghanwate NA, Thakare PV, Bhise PR ,Pimparkar P.Doctor's Pen: Fomite for a super bug Methicillin resistant Staphylococcus aureus.Journal of pure and applied Microbiology 2015; 9 (3) 2611-2614	NO	NO
		Nikam AP , Bhise PR. Deshmukh MM. Seroprevalence of dengue infection in clinically suspected cases of dengue at tertiary care hospital in central India. Ijmrr.in 2015; 3: 593-596.	NO	NO
		Ghanwate NA, Thakare PV, Bhise PR , Gawande S.Colorimetric method for rapid detection of Oxacillin resistance in Staphylococcus aureus and its comparision with PCR for mec A gene. Scientific reports 2016. 1-5 impact factor 5.578	NO	NO
		Nikam AP , Bhise PR.C-reactive protein test and buffy coat smear examination in early diagnosis of neonatal septicemia. Int.J.Curr.Microbiol.App.Sci 2016;5: 867-874.impact factor – 2.932.	NO	NO
		Nikam AP , Bhise PR. Deshmukh MM.Phenotypic detection of inducible clindamycin resistance among staphylococcus aureus isolates. Int J Res Med Sci. 2017;5:543-547.	NO	NO

		Khorgade RR , Bhise PR. Baseline titre of Widal amongst healthy blood donars at tertiary care hospital. Int J Res Med Sci 2017;5:1571-1577	NO	NO
		Khorgade RR , Bhise PR, Deshmukh MM. Psoas abscess due to mycobacterium tuberculosis : a case report. Int J Res Med Sci 2017;5:3251-3253.	NO	NO
		Bhise MP, Waghmare P, Ingole K, Bhise PR. Bacteriological profile of Blood culture isolates from suspected septicemia in Pediatric age group. IJAR 2018;4:80-85	NO	NO
		Nikam AP, Bhise PR . Clinical and bacteriological profile of neonatal septicemia in a tertiary care hospital. IJAR 2018;4:174-178.	NO	NO
		Khorgade RR, Bhise PR . Role of Cartridge-based nucleic acid amplification test for early diagnosis of pulmonary tuberculosis. IJAR 2018; 4:473-76.	NO	NO
		Tatte PS, Bhise PR Antifungal susceptibility testing of Candida isolates from blood stream infections in hospitalized patients at tertiary care Hospital. Int.J.Curr.Microbiol.App.Sci 2018;10: 997-1009.	NO	NO
		Kale G, Tatte PS, Bhise MP, Bhise PR . Mycological Profile of chronic suppurative otitis media in a tertiary care hospital .Medpulse International Journal of Microbiology 2019;10: (3) 23-27	NO	NO
		Deshmukh MM, Bhise PR .A Study of Surgical Site Infections (SSI) in Emergency Surgeries in a Tertiary Care Hospital. International Journal of Scientific & Research Publications 2020;10: 650-655	NO	NO
		Khorgade RR, Bhise PR .Mycological profile of Dermatophytes in patients attending a tertiary care hospital. IJAR 2021:7:200-203.	NO	NO
		Mycological Study of Rhinosinusitis in Post Covid – 19 Cases in Tertiary Care Hospital Khorgade, Ramawatar, R.Soni, Pramod R,Bhise , Anil T. Deshmukh, Afr. J. Biomed. Res, Vol, 27 (4s) (November 2024), 1279 Research Article	NO	NO
		Prevalence of Self – medication of Antibiotics among MBBS Students at Medical College in Vidarbha Dr. Arun Kumar, Dr. Mukta Mangesh Deshmukh, Dr. Pramod Ramkrishna Bhise , Dr. Archana Pratap Nikam Submitted: 22- Apr – 2024, Revised: 23-May – 2024, Accepted: 21- May-2024, Published: 15 – Jan – 2024.	NO	NO
		Prevalence and antibiogram of staphylococcus nasal carriage among healthcare workers at a tertiary cate hospital. Dr. Archana Pratap Nikam, Dr. Pramod Ramkrishna Bhise , Dr, Mukta Mangesh Deshmukh, Dr. Arun Kumar. Paripex - Indian, of research, Volume – 14, Issue-07, July – 2025, Print Issn no.- 2250-1991, DOI 10.36106/paripex.	NO	NO
		Speciation and Antibiotic Susceptibility Pattern of Coagulase Negative Staphylococci Isolated from Various Clinical Samples in a Tertiary Care Hospital., . Dr. Archana Pratap Nikam, Dr. Pramod Ramkrishna Bhise , Dr, Mukta Mangesh Deshmukh, Dr. Arun Kumar. Paripex – Indian Journal of Research, Volume – 14, Issue – 6, June – 2025, Print issn No. 2250-1991, DOI: 10.36106/Paripex	NO	NO
		Unusual Case of Disseminated Hydatid Cyst if the Live and Lungs, Dr. Arun Kumar, Dr. Mukta Mangesh Deshmukh, Dr. Pramod Ramkrishna Bhise , Dr. Archana Pratap Nikam. Received: 31- Jul – 2024, Revised: 17- Oct – 2024, Accepted: 15- Nov-2024, Published: 20 – Jan – 2025.	NO	NO

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2	Dr. M.M. Deshmukh	A study of Methicillin Resistant staphylococcus Aureus(MRSA) isolated in a Rural Medical College Indian Medical Gazette 1997Vol.CXXX1 No.10	NO	NO
		Nikam AP, Bhise PR. Deshmukh MM . Seroprevalence of dengue infection in clinically suspected cases of dengue at tertiary care hospital in central India. Ijmrr.in 2015; 3: 593-596.	NO	NO
		Nikam AP, Bhise PR. Deshmukh MM . Phenotypic detection of inducible clindamycin resistance among staphylococcus aureus isolates. Int J Res Med Sci. 2017;5:543-547	NO	NO
		Khorgade RR, Bhise PR, Deshmukh MM . Psoas abscess due to mycobacterium tuberculosis : a case report. Int J Res Med Sci 2017;5:3251-3253.	NO	NO
		Deshmukh MM , Bhise PR. A Study of Surgical Site Infections (SSI) in Emergency Surgeries in a Tertiary Care Hospital. International Journal of Scientific & Research Publications 2020;10: 650-655.	NO	NO
		Prevalence of Self – medication of Antibiotics among MBBS Students at Medical College in Vidarbha Dr. Arun Kumar, Dr. Mukta Magesh Deshmukh , Dr. Pramod Ramkrishna Bhise, Dr. Ranjana Ramdasji Khorgade, Dr. Archana Pratap Nikam, Dr. Nuzhat Firdos, Submitted: 22- Apr – 2024, Revised: 23-May – 2024, Accepted: 21-May-2024, Published: 15 – Jan – 2024.	NO	NO
		Prevalence and antibiogram of staphylococcus nasal carriage among healthcare workers at a tertiary care hospital. Dr. Arun Kumar, Dr. Mukta Mangesh Deshmukh , Dr. Pramod Ramkrishna Bhise, Dr. Archana Pratap Nikam. Paripex - Indian, of research, Volume – 14, Issue-07, July – 2025, Print Issn no.- 2250-1991, DOI 10.36106/paripex.	NO	NO
		Speciation and Antibiotic Susceptibility Pattern of Coagulase Negative Staphylococci Isolated from Various Clinical Samples in a Tertiary Care Hospital. Dr. Archana Pratap Nikam, Dr. Pramod Ramkrishna Bhise, Dr. Mukta Mangesh Deshmukh , Dr. Arun Kumar, Paripex – Indian Journal of Research, Volume – 14, Issue – 6, June – 2025, Print issn No. 2250-1991, DOI: 10.36106/Paripex	NO	NO
		Unusual Case of Disseminated Hydatid Cyst of the Liver and Lungs, Dr. Arun Kumar, Dr. Mukta Mangesh Deshmukh , Dr. Pramod Ramkrishna Bhise, Dr. Archana Pratap Nikam. Received: 31- Jul – 2024, Revised: 17-Oct – 2024, Accepted: 15- Nov-2024, Published: 20 – Jan – 2025.	NO	NO

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3	Dr. R.R. Khorgade	Khorgade RR , Gaikwad A, Nilekar SL, Kulkarni DM. Mycotic keratitis in patients attending a tertiary care hospital. Int.J.Curr.Microbiol.App.Sci 2015;4: 428-435.	NO	NO
		Khorgade RR , Gaikwad A, Nilekar SL, Kulkarni DM. Ocular pathogen causing bacterial keratitis in a tertiary care hospital. International Journal of health sciences and research 2016;6:93-99	NO	DOAJ
		Khorgade RR , Bhise PR. Baseline titre of Widal amongst healthy blood donors at tertiary care hospital. Int J Res Med Sci 2017;5:1571-1577	NO	NO
		Khorgade RR , Bhise PR, Deshmukh MM. Psoas abscess due to mycobacterium tuberculosis : a case report. Int J Res Med Sci 2017;5:3251-3253.	NO	NO
		Khorgade RR , Bhise PR. Role of Cartridge-based nucleic acid amplification test for early diagnosis of	NO	NO

		pulmonary tuberculosis. IJAR 2018;4:473-76.		
		Khorgade RR , Bhise PR. Mycological profile of Dermatophytes in patients attending a tertiary care hospital. IJAR 2021;7:200-203.	NO	NO
		Mycological Study of Rhinosinusitis in Post Covid – 19 Cases in Tertiary Care Hospital Ranjana R. Khorgade , Ramawatar R. Soni, Pramod R. Bhise, Anil T. Deshmukh Afr. J. Biomed. Res, Vol, 27 (4s) (November 2024), 1279 Research Article	NO	NO
		Prevalence of Self – medication of Antibiotics among MBBS Students at Medical College in Vidarbha Dr. Arun Kumar, Dr. Mukta Magesh Deshmukh, Dr. Pramod Ramkrishna Bhise, Dr. Ranjana Ramdasji Khorgade , Dr. Archana Pratap Nikam, Dr. Nuzhat Firdos, Submitted: 22- Apr – 2024, Revised: 23-May – 2024, Accepted: 21-May-2024, Published: 15 – Jan – 2024.	NO	NO
		Patent Publication for the title- “System and Method reverse group objective structured practical examination (RG-OSPE) in Medical education by Dr. Rajana R. Khorgade ,	NO	NO
		Copyright has been registered for the work titled-“Reverse Group Objective Structruced Practical Examination - Teaching Learning Tool In Microbiology” by Dr. Rajana R. Khorgade ,	NO	NO

Sr. No	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
4	Dr. A. P. Nikam	Pande SS, Pande SR, Parate VR, Nikam AP , SH Agrekar. Correlation between difficulty & discrimination indices of MCQS in formative Exam in Physiology. South East Asian Journal of Medical Educationb;7:45-50.	NO	NO
		Nikam AP , Bhise PR. Deshmukh MM. Seroprevalence of dengue infection in clinically suspected cases of dengue at tertiary care hospital in central India. Ijmrr.in 2015; 3: 593-596.	NO	NO
		Nikam AP , Bhise PR. C-reactive protein test and buffy coat smear examination in early diagnosis of neonatal epticaemia. Int.J.Curr.Microbiol.App.Sci 2016;5: 867-874.	NO	NO
		Nikam AP , Bhise PR. Deshmukh MM. Phenotypic detection of inducible clindamycin resistance among staphylococcus aureus isolates. Int J Res Med Sci. 2017;5:543-547.	NO	NO
		Nikam AP , Bhise PR. Clinical and bacteriological profile of neonatal epticaemia in a tertiary care hospital. IJAR 2018;4:174-178.	NO	NO
		Prevalence of Self – medication of Antibiotics among MBBS Students at Medical College in Vidarbha Dr. Arun Kumar, Dr. Mukta Magesh Deshmukh, Dr. Pramod Ramkrishna Bhise, Dr. Ranjana Ramdasji Khorgade, Dr. Archana Pratap Nikam , Dr. Nuzhat Firdos, Submitted: 22- Apr – 2024, Revised: 23-May – 2024, Accepted: 21-May-2024, Published: 15 – Jan – 2024.	NO	NO
		Prevalence and antibiogram of staphylococcus nasal carriage among healthcare workers at a tertiary cate hospital. Dr. Arun Kumar, Dr. Mukta Mangesh Deshmukh, Dr. Pramod Ramkrishna Bhise, Dr. Archana Pratap Nikam Paripex - Indian, of research, Volume – 14, Issue-07, July – 2025, Print Issn no.- 2250-1991, DOI 10.36106/paripex.	NO	NO
		Speciation and Antibiotic Susceptibility Pattern of Coagulase Negative Staphylococci Isolated from Various Clinical Samples in a Tertiary Care Hospital.,Paripex – Indian Jourinal of Research, Volume – 14, Issue – 6, June – 2025, Print issn No. 2250-1991, DOI: 10.36106/Paripex	NO	NO
		Unusual Case of Disseminated Hydatid Cyst if the Live and Lungs, Dr. Arun Kumar, Dr. Mukta Mangesh Deshmukh, Dr. Pramod Ramkrishna Bhise, Dr. Archana Pratap Nikam Received: 31- Jul – 2024, Revised: 17-	NO	NO

		Oct – 2024, Accepted: 15- Nov-2024, Published: 20 – Jan – 2025.		
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Sr. No	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
5	Dr. Nuzhat Firdos Ghulam Sibtain	Nuzhat Firdos , Kulkarni DM, Nilekar SL, Kant S. Study of Candiduria in Catheterised ICU Patients. International Journal of Pharma and Bio Sciences 2015;6:B2-B8.	NO	NO
		Swati Kant, Kulkarni DM, Nilekar SL, Nuzhat Firdos . Detection of various types of resistance patterns against Clindamycin among Staphylococcal isolates by phenotypic methods. Int. Journal of Current Microbiology and Applied Sciences 2015;4(2):913-19.	NO	NO
		Prevalence of Self – medication of Antibiotics among MBBS Students at Medical College in Vidarbha Dr. Arun Kumar, Dr. Mukta Magesh Deshmukh, Dr. Pramod Ramkrishna Bhise, Dr. Ranjana Ramdasji Khorgade, Dr. Archana Pratap Nikam, Dr. Nuzhat Firdos , Submitted: 22- Apr – 2024, Revised: 23-May – 2024, Accepted: 21- May-2024, Published: 15 – Jan – 2024.	NO	NO

Sr. No	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopus
6	Dr. Amruta Ashok Tikhile	Aarti R Sangale, Vivek Bhat, Sanjay Biswas, Amruta Ashok Tikhile . Microbiology, risk factors and clinical outcome of Ventilator associated pneumonia at tertiary care Cancer hospital. MedPulse International Journal of Microbiology. January 2022;21(1): 15-20.	NO	NO

List of Ongoing Research & Publications

Department of Microbiology

Sr. No	Principal Investigator	Co-Investigators	Year	Publication in Vancouver Referencing Style
1.	Dr. M.M. Deshmukh	Dr. P.R. Bhise	2022	A Study of Antimicrobial Susceptibility Pattern of Clinical Bacterial Isolates from Intensive Care Unit in a Tertiary Care Hospital
2.	Dr. R.R. Khorgade	Dr. P.R. Bhise, Dr. M.M. Deshmukh	2023	Prevalence of Rifampicin Resistance in pulmonary and extra pulmonary tuberculosis by chip based PCR TrueNAT assay
3.	Dr. A.P Nikam	Dr. P.R. Bhise, Dr. M.M. Deshmukh	2023	Study of knowledge and perception of Hand hygiene among Nursing staff in a tertiary care hospital.
4.	Dr. A.P Nikam,	Dr. P.R. Bhise, Dr. M.M. Deshmukh	2023	Speciation and antibiotic susceptibility Pattern of CONS isolated from various clinical samples in a tertiary care hospital.
5.	Dr. Arun Kumar	Dr. P.R. Bhise, Dr. M.M. Deshmukh, Dr. A.P Nikam	2023	Prevalence and Antibigram of <i>Staphylococcus</i> nasal carriage among Healthcare worker at tertiary care Hospital
6.	Dr. Arun Kumar	Dr. P.R. Bhise, Dr. M.M. Deshmukh	2023	Prevalence of Self-medication of Antibiotic among MBBS student at medical college in Vidarbha.
7.	Dr. R.R. Khorgade	Dr. P.R. Bhise Dr. S.S. Pande	2024	Comparative study of Objective Structured Practical Examination (OSPE) & Conventional Practical Examination (CPE) for formative assessment of Medical Undergraduates in Microbiology