

Microbiology

Publications from the department during the past 3 years:

- 1) Kalpesh Khutade, Sangita Chanda, G. K. Megha and Harshada Shah. Evaluation of Different Phenotypic Methods for Detection of Biofilm Formation among the Clinical Isolates. International Journal of Current Microbiology and Applied Sciences. ISSN: 2319-7706 Volume 11 Number 10 (2022).
- 2) Kalpesh Khutade, Harshada Shah, Samiksha Patil, Sangita Chanda. Optimal Biospecimen Acquisition for Detection of SARS cov-2 by rrt-PCR in a Tertiary Care Hospital. International Journal of Health Sciences and Research. ISSN: 2249-9571. Vol.12; Issue: 7; July 2022.
- 3) Kalpesh Khutade, Harshada Shah, Sangita Chanda. Antibacterial Efficacy Palm Wine Against Common Bacterial Isolates From Various Clinical Samples. International Journal of Scientific Research. Print ISSN: 2277-8179 | Vol 11 | Issue- 10 | October- 2022.
- 4) Kalpesh Khutade, Harshada Shah, Vikas Joshi, Sangita Chanda. Traditional Brewing Techniques for Production of Bioethanol from Madhuca longifolia Flowers using Isolated Strain VIMS 1, Saccharomyces cerevisiae ATCC-9763 and Study of Parameters. ISSN: 2348-8069. Vol-9 | Issue 10-2022.
- 5) Kalpesh Khutade, Nisha Kumari and Harshada Shah. Clinical Research Methodology : A narrative review. World Journal of Biology Pharmacy and Health Sciences. Eissn: 2582-5542. 2024,17(03),236-241.
- 6) Kalpesh Jiva Khutade, Sandip Wagh, Harshada Shah. An array of various microbiological diagnostic modalities for pulmonary tuberculosis: A review. Indian Journal of Microbiology Research. 2024;11(3):147–155.
- 7) Nisha Kumari, Kalpesh Khutade, Harshila Dhinde, Harshada Shah. Extended Spectrum Beta-Lactamase and ampc Producing Enterobacteriaceae in Broiler Chicken and Goat in Palghar district, Maharashtra. ISSN: 0976 – 044X, 84(8) – August 2024; Article No. 19, Pages: 125-132.
- 8) Samiksha Patil, Kalpesh Khutade, Harshada Shah, Hirenkumar Patel. The diagnostic concordance between micro real-time PCR and Lowenstein Jensen (LJ) media assays for pulmonary tuberculosis detection with associated clinical characteristics. IP International Journal of Medical Microbiology and Tropical Diseases. 2024;10(1):41–47.
- 9) Kalpesh Khutade, Harshada Shah, Samiksha Patil, Hiren Patel. The Era of Molecular Biology: Diagnostics for Nipah Virus. International Journal for Research in Applied Science & Engineering Technology. ISSN: 2321-9653; Volume 11 Issue X Oct 2023.
- 10) Kalpesh Khutade, Harshada Shah, Dimple Yadav, Hiren Patel, Samiksha Patil. Smear Positive Pulmonary Tuberculosis Patients- An Epidemiological Perspective. International Journal of Health Sciences and Research. ISSN: 2249- 9571; Vol 13 ; Issue: 9; September 2023.
- 11) Kalpesh Khutade, Harshada Shah, Samiksha Patil, Hiren Patel. The Demographic and Clinical Characteristics of the Co-infection for the Detection of SARS- COV-2 and Influenza A Virus by rrt-PCR. Journal of Advanced Scientific Research. ISSN: 0976-9595; 2024; 15(1): 09-13.
- 12) Patel F, Patel H, Chaudhary H, Parmar V. Evaluation of Quality indicators in microbiology and infectious disease serology laboratory: A study from a tertiary cancer care centre in Gujarat, India. Sri Lankan Journal of Infectious Diseases 2024 Vol.14 (1): E58:1-9.
- 13) Thorat Priyanka, Nataraj Gita, Satoskar Rajeev, Kuyare Sunil. Microbial Profile of Liver Abscess in Patients Attending Surgery Department at Tertiary Care Centre. International Journal of Pharmaceutical and Clinical Research. P-ISSN: 2820-2643. 2023; 15(10); 32-38.

- 14) Kuyare Sunil, Ginodia Saumitra, Warke Himangi, Kasar Smita, Bhosle Vaibhav, Nataraj Gita. Utility of the Biomedical Waste (BMW) Mobile App for Auditing BMW Segregation Practices in a Surgical Discipline of a Tertiary Care Hospital. International Journal of Pharmaceutical and Clinical Research. P-ISSN:2820-2643. 2023; 15(4); 1020-1026.
- 15) Sunil Suresh Kuyare, Avani Harkishen Koticha, Preeti Rajeev Mehta. Strongyloides stercoralis and its risk factors: an experience at a tertiary care hospital. J. Evolution Med. Dent. Sci. Pissn- 2278-4748/ Vol. 5/ Issue 50/ June 23, 2016.
- 16) Kuyare SS, Marathe PA, Shetty YC, Kamat SK, Katkar JV, Thatte UM. Projects not initiated by investigators: A retrospective analysis of the queries raised by the institutional ethics committees of a teaching hospital. Journal of Postgraduate Medicine January 2014 Vol 60 Issue 1.
- 17) Patil, Samiksha & Patel, Hirenkumar & Kuyare, Sunil & Giri, Samiksha & Pawar, Apurva & Khutade, Kalpesh & Shah, Harshada. (2024). Microbiology Module for Elective Posting of Medical Students-A Novel Approach. International Journal of Pharmaceutical and Clinical Research. 16. 757-762.
- 18) Kanchan Bhutada, MBBS, MD, Suresh S Borkar, MBBS, MD, Deepak K Mendiratta, MBBS, MD, Vikas R Shende, msc, phd. Successful treatment of peritonitis by C. Bertholletiae in a chronic kidney failure patient on continuous ambulatory peritoneal dialysis after kidney rejection. Singapore Med J 2012; 53(5): e106–e109.
- 19) K.H Bhutada and V. R. Shende. Resistance Distribution profile of MBL, ESBL and Multidrug resistant Gram negatives isolated at a tertiary care hospital in India.
- 20) DK Mendiratta, K Bhutada, R Narang, P Narang. Evaluation Of Different Methods For Diagnosis Of P. Falciparum Malaria. Indian Journal of Medical Microbiology, (2006) 24 (1):49-51.
- 21) Bhargav Patel, Kinjal Patel, Anjali Shetty, Rajeev Soman, Camilla Rodrigues. Fosfomycin Susceptibility in Urinary Tract Enterobacteriaceae. Journal of The Association of Physicians of India. Vol 65. September 2017.
- 22) Meera Challapilla, Kinjal Patel, Bhargav Patel, Rajeev Soman, Camilla Rodrigues, Anjali Shetty. Trichosporon–Blood Stream Infection. Journal of The Association of Physicians of India. Vol. 67. March 2019.