

Department of Microbiology
Government Medical College Datia

List of publications of the faculty

| S.No. | Name of Faculty | Publication in Vancouver referencing style | Indexing system |
|-------|---------------------------|---|-------------------|
| 1. | Dr. Abhishek Mehta | Phenotypic and Genotypic Detection of Extended-Spectrum Beta-Lactamase (ESBL) and Metallo Beta-Lactamase (MBL) Genes in Multidrug-Resistant <i>Acinetobacter baumannii</i> Isolates Derived from Diabetic Foot Ulcer Patients. <i>Cureus</i> 2026 18(5): e109329. | Pubmed Central |
| 2. | Dr. Abhishek | Prevalence of TORCH Infections among high risk pregnant women, Datia, Madhya Pradesh. <i>Bioinformation</i> 2026; 22(2): 940-942 | Pubmed Central |
| 3. | Dr. Abhishek | Hematological Profile of Dengue fever at a tertiary care hospital of Central India. <i>Journal of Research in Applied and Basic Medical Sciences</i> 2026 (Accepted) | DOAJ, EMBASE |
| 4. | Dr. Abhishek | Influence of Maternal Obesity on Neonatal Outcomes: Birth Weight, Apgar Scores, and NICU Admissions. <i>Cureus</i> 2026 (Accepted) | Pubmed Central |
| 5. | Dr. Abhishek | The Re-Emerging Shadow: A Systematic Review of Scrub Typhus in India. <i>Journal of Associated Medical sciences</i> (Accepted) | SCOPUS EMBASE |
| 6. | Dr. Abhishek | Maternal obesity and its impact on pregnancy. <i>Bioinformation</i> 2025; 21(12): 4648-4653. DOI: 10.6026/973206300214648 | Pubmed Central |
| 7. | Dr. Abhishek | Antimicrobial susceptibility profile of blood culture isolates of Enteric fever pathogens at tertiary care teaching hospital of Western Uttar Pradesh, India. <i>Ethiop J Health Biomed Sci.</i> 2025;15(1):35-43 | DOAJ |
| 8. | Dr. Abhishek | Virulence between ESBL and non-ESBL producing isolates of <i>Acinetobacter baumannii</i> causing diabetic foot infections. <i>Bioinformation</i> 2025;21(8):2942-2945 | Pubmed Central |
| 9. | Dr. Abhishek | A study of the microbial flora of mobile phones used by health-care professionals in a tertiary care hospital in central India. <i>SVU-International Journal of Medical Sciences</i> 2025; Vol.8, Issue 2, pp: 987-993. | DOAJ |
| 10. | Dr. Abhishek | The application of Giemsa staining in identifying <i>Helicobacter pylori</i> in oral biopsies: A comparative study with immunohistochemistry. <i>J Pharm Bioall Sci</i> 2025;17: S1380-2 | Pubmed Central |
| 11. | Dr. Abhishek | Medicinal properties of ginger with special focus on antimicrobial effect: a systematic review. <i>International Journal of Advanced Research</i> 2025; 13(03):2320-5407 | Pubmed |
| 12. | Dr. Abhishek | Perception of MBBS students of online teaching learning modalities in undergraduate medical education during COVID-19 pandemic. <i>Rev Esp Edu Med</i> 2025, 2: 646611 | DOAJ |
| 13. | Dr. Abhishek | Neonatal Meningitis due to <i>Listeria monocytogenes</i> : A case report from Central India. <i>JK Science</i> 2025; 27(1):60-62 | DOAJ |
| 14. | Dr. Abhishek | The medicinal properties of clove with special focus on antimicrobial effect: a systematic review. <i>Journal of Medical Science.</i> 2024 ;93(4);e1156. | DOAJ |

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| 15. | Dr. Abhishek | Antimicrobial profile of urinary tract infections at a tertiary care teaching hospital of Central India. <i>Journal of Research in Applied and Basic Medical Sciences</i> 2024; 10(4): 318-323 | DOAJ EMBASE |
| 16. | Dr. Abhishek | Prevalence and antimicrobial susceptibility profile of clinical isolates of <i>Citrobacter</i> spp. at a tertiary care hospital in Madhya Pradesh. <i>Journal of Research in Applied and Basic Medical Sciences</i> 2024; 10(3): 285-290. | DOAJ EMBASE |
| 17. | Dr. Abhishek | Bacteriological Profile and Antibiotic Resistance Pattern of Pathogens Causing Pyogenic Infections at A Tertiary Care Hospital in Central India. <i>SVU-International Journal of Medical Sciences</i> .2023 Vol.6, Issue 2, pp: 215-226. | DOAJ |
| 18. | Dr. Abhishek | Antimicrobial susceptibility pattern of uropathogens at a tertiary care hospital in central India during covid era. <i>IJPPS</i> 2023; 15(5): 27-33 | SCOPUS EMBASE |
| 19. | Dr. Abhishek | Microscopic and demographic profile of sexually transmitted diseases at a tertiary care centre of central India. <i>Int J Pharm Pharm Sci</i> 2023, Vol 15, Issue 2, 64-67. | SCOPUS EMBASE |
| 20. | Dr. Abhishek | Microbiological profile of Pediatric sepsis in a tertiary care teaching hospital of Central India. <i>SVU-IJMS</i> 2022; 5(2): 90-104. | DOAJ |
| 21. | Dr. Abhishek | Clinico-Mycological profile of Dermatophytoses at a tertiary care teaching hospital of Central India. <i>SVU-IJMS</i> 2022; 5(2):216-227 | DOAJ |
| 22. | Dr. Abhishek | In vitro antibacterial activity of green tea extract against multidrug-resistant bacteria. <i>Asian Journal of Pharmaceutical and Clinical Research</i> 2022; 15(4): 42-48. doi:10.22159/ajpcr.2022.v15i4.44220. | SCOPUS EMBASE |
| 23. | Dr. Abhishek | A study of pattern of onychomycosis in a tertiary care hospital of central india. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> 2022; 14(5). | SCOPUS EMBASE |
| 24. | Dr. Abhishek | Antimicrobial activity of tulsi (<i>Ocimum sanctum</i> Linn): a systematic review. Accepted for publication in <i>Int. J. Res Ayurveda pharm</i> 2022; 13(4): 172-75 | EMBASE |
| 25. | Dr. Abhishek | In vitro antibacterial activity of ethanolic extract of Neem leaves (<i>Azadirachta indica</i> Linn) against clinical isolates. <i>Pharmaceutical & Biomedical Research</i> 2022; 8 (4). | SCOPUS EMBASE DOAJ |
| 26. | Dr. Abhishek | In vitro antibacterial activity of green tea extract against multidrug-resistant bacteria. <i>AJPCR Asian J Pharm Clin Res</i> , Vol 15, Issue 4, 2022, 42-48. | SCOPUS EMBASE |
| 27. | Dr. Abhishek | Characterization and antimicrobial susceptibility profile of non lactose fermenting gram-negative bacterial isolates in a tertiary care teaching hospital of central India. <i>AJPCR Asian J Pharm Clin Res</i> , Vol 14, Issue 10, 2021, 41-47. | SCOPUS EMBASE |
| 28. | Dr. Abhishek | Antimicrobial Activity of Turmeric: A Systematic Review. <i>NMJ</i> 2022;5(2):611-4. | DOAJ |
| 29. | Dr. Abhishek | Prevalence of intestinal parasitic infestations in patients attending a tertiary care hospital of central India. <i>Asian J Pharm Clin Res</i> , Vol 15, Issue 10, 2022, 32-34. | SCOPUS EMBASE |
| 30. | Dr. Abhishek | Impact of educational interventions on the awareness regarding Hospital infection control practices among the medical students. <i>Moderna Medicine</i> 2022; 29 (3): 227-34. | SCOPUS EMBASE |

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| 31. | Dr. Abhishek | The effect of Valproate, Levetiracetam, and Oxcarbazepine monotherapy on thyroid function in epileptic children. SVU-IJMS, 5(2):318-328 | DOAJ |
| 32. | Dr. Abhishek | Quiz as an adjunctive modality in teaching clinical microbiology to undergraduate medical students. Advances in Bioscience & Clinical Medicine 2021; 9 (3): 31-35. | Index Copernicus |
| 33. | Dr. Abhishek | Perception of quiz as an adjunctive learning modality in clinical microbiology amongst medical students of central India. Journal of Medical & Scientific Research 2021; 9 (1): 24-30 | DOAJ |
| 34. | Dr. Abhishek | A cross sectional study of in-hospital cases of Pediatric Tuberculosis detected by CBNAAT at a tertiary care teaching hospital of Central India. International Journal of Paediatric Research 2021; 8 (1): 39-44. | Index Copernicus |
| 35. | Dr. Abhishek | Paediatric Blood Lead levels and its correlation with anemia in Central India. Journal of Clinical and Diagnostic Research 2021; 15 (8): 9-12. | SCOPUS EMBASE SCI |
| 36. | Dr. Abhishek | Characterization and antimicrobial susceptibility profile of non lactose fermenting gram-negative bacterial isolates in a tertiary care teaching hospital of central india. Asian Journal of Pharmaceutical & Clinical Research 2021; 14 (10): 1-7. | SCOPUS EMBASE |
| 37. | Dr. Abhishek | Impact of Educational Intervention on Knowledge, Attitudes, and Practices of Laboratory Technicians regarding Universal Work Precautions at a Tertiary Health Care Center in Central India. Applied Biosafety 2020; 1-8. | Pubmed Central |
| 38. | Dr. Abhishek | Evaluation of integrated teaching among undergraduate medical students: A step towards competency-based medical education. International Journal of Pediatric Research 2020 ; 7(8): 452-55. | Index Copernicus |
| 39. | Dr. Abhishek | Knowledge, attitude and practices of hand hygiene among nurses and nursing students in a tertiary health care center of Central India: a questionnaire based study. International Journal of Community Medicine and Public Health 2019; 6 (12) : 5154-60. | Pubmed Index Medicus |
| 40. | Dr. Abhishek | A study of knowledge, attitude, and practices regarding biomedical waste management among the health care workers at a tertiary care teaching hospital of western Uttar Pradesh. International Journal of Medical and Biomedical Studies 2019 3(12): 120-127. | Index Copernicus |
| 41. | Dr. Abhishek | Antibiotic Susceptibility pattern of blood culture isolates of Enteric fever pathogens in a tertiary care center -A Retrospective study. Int J Res Health Sci 2018; 6(2): 9-15. | Index Copernicus |
| 42. | Dr. Abhishek | Bacteriological Profile of Urinary tract Infections in a tertiary care teaching hospital of western Uttarpradesh. Int J Res Med Sci. 2017; 5(5): 2126-29. | Pubmed Index Medicus |
| 43. | Dr. Abhishek | Incidence of Inducible Clindamycin resistance among clinical isolates of Staphylococcus aureus at a Rural tertiary care teaching Hospital of Western Uttarpradesh, India. Int J Integr Med sci. 2017; 4(3):472-75. | Index Copernicus |
| 44. | Dr. Abhishek | Bacteriological Profile of Blood stream infections in a tertiary care teaching hospital of western Uttarpradesh. Ind J bas app med res. 2017: 6(3):393-401. | Index Copernicus |

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| 45. | Dr. Abhishek | Antimicrobial activity of Ethanolic extract of Commercial Green tea against Multi drug resistant bacterial strains. Int J Med Health Res 2017; 3(9): 93-100 | Index Copernicus |
| 46. | Dr. Abhishek | Comparative Evaluation of diagnostic performance of Blood culture, Lateral flow immunoassay, Tube Widal and Slide Widal Test in diagnosis of Enteric fever using a Composite Reference Standard. JMSCR 2017; 5(9): 27963-27971. | Index Copernicus |
| 47. | Dr. Abhishek | In vitro study of the antimicrobial property of Green tea extract against Standard Bacterial strains (ATCC) and clinical isolates of Methicillin Resistant Staphylococcus aureus (MRSA) and Multi drug resistant Pseudomonas aeruginosa (MDRPA). Indian J Microbiol Res 2016;3(3):230-35. | SCOPUS EMBASE |
| 48. | Dr. Abhishek | Comparative analysis of Antibacterial activity of Aqueous, Ethanolic, Methanolic and Acetone extracts of Commercial Green Tea and Black Tea against standard bacterial strains. Int.J.Curr.Microbiol.App.Sci 2016; 5(11): 145-52 | Index Copernicus |
| 49. | Dr. Abhishek | Detection and Characterization of Metallo- β -Lactamases producing Pseudomonas aeruginosa clinical isolates at a tertiary care hospital of Bhopal. Int J Res Med Sci. 2016 ;4(9):4084-88. | Pubmed Index Medicus |
| 50. | Dr. Abhishek | Determination of incidence of different Candida spp.in clinical specimens and characterisation of Candida species isolates. Ind J Microbiol Res.2016;3(4):342-51. | SCOPUS EMBASE |
| 51. | Dr. Abhishek | A Comparative evaluation of diagnostic performance of Immunochromatographic Rapid Card Test for malarial antigen against Peripheral smear Microscopy. Int J Biomed Res. 2016;7(12):838-41. | Index Copernicus |
| 52. | Dr. Abhishek | Microbial Profile of Neonatal septicaemia in a tertiary care hospital of Bhopal. International Journal of Biomedical And Advance Research 2014; 5(10): 462-4. | Index Copernicus |
| 53. | Dr.Kiran Tripathi | Microbial profile of Chronic Otitis Media in patients of a Tertiary Care Hospital of North central M.P. JMSCR, Vol.8, Issue 02, Feb 2020 | Index Copernicus |
| 54. | Dr.Kiran | Post-sensitization assessment of Knowledge, Attitude, and Practice regarding Clinical sample collection, storage, and transportation among Health care workers at a Tertiary Care Hospital in Central M. JMSCR, Vol 07, Issue 12, December 2020 | Index Copernicus |
| 55. | Dr.Kiran | Knowledge, attitude and practices of hand hygiene among nurses and nursing students in a tertiary health care center of Central India: a questionnaire based study. IJCMPPH, Vol.6, Issue 12, Dec. 2019. | Pubmed Index Medicus |
| 56. | Dr.Kiran | Quiz as an adjunctive modality in teaching Clinical Microbiology for Undergraduate Medical Students. ABCmed. 2021; 9(4):31-35. | Index Copernicus |
| 57. | Dr.Kiran | Perception of Quiz as an adjunctive learning modality in clinical microbiology amongst medical students of Central India. J Med Sci Res. 2021;9(1):24-30. | DOAJ |

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| 58. | Dr.Kiran | Impact of educational interventions on the awareness regarding hospital infection control practices among medical students. <i>Medicina moderna</i> ISSN: (P) 1223-0472, (O) 2360-2473 | SCOPUS EMBASE DOAJ |
| 59. | Dr.Kiran | Antimicrobial susceptibility pattern of uropathogens at a tertiary care hospital in central india during covid era. <i>IJPPS</i> 2023; 15(5): 27-33 | SCOPUS EMBASE |
| 60. | Dr.Kiran | Perception of MBBS students of online teaching learning modalities in undergraduate medical education during COVID-19 pandemic. <i>RevEspEduMed</i> 2025, 2: 646611; | DOAJ |
| 61. | Dr.Kiran | Hematological Profile of Dengue fever at a tertiary care hospital of Central India. <i>Journal of Research in Applied and Basic Medical Sciences</i> 2026 (Accepted) | DOAJ EMBASE |
| 62. | Dr.Nidhi Sharma | Assessment of knowledge and awareness about leprosy among medical college students in mewat region of Haryana. <i>Int. j. clin. biomed. res.</i> 2018;4(1):x-x. | Index Copernicus |
| 63. | Dr.Nidhi | Microbial profile of Chronic Otitis Media in patients of a Tertiary Care Hospital of North central M.P. <i>JMSCR</i> , Vol.8, Issue 02, Feb 2020 | Index Copernicus |
| 64. | Dr.Nidhi | Post-sensitization assessment of Knowledge, Attitude, and Practice regarding Clinical sample collection, storage, and transportation among Health care workers at a Tertiary Care Hospital in Central M. <i>JMSCR</i> , Vol 07, Issue 12, December 2020 | Index Copernicus |
| 65. | Dr.Nidhi | To study the Hepatic and Renal Dysfunction in Various species of Malaria in Mewat Region of Haryana. <i>Int J H Clin Res</i> , 2021; 4(22):36-38 | Index Copernicus |
| 66. | Dr.Nidhi | Pre sensitization Assessment of knowledge regarding clinical sample collection, storage and transportation among health care workers at a tertiary care hospital in Madhya Pradesh. <i>Int J H Clin Res</i> , 2021; 4(24):91-95 To study the Hepatic and Renal Dysfunction in Various species of Malaria in Mewat Region of Haryana. <i>Int J H Clin Res</i> , 2021; 4(22):36-38 | Index Copernicus |
| 67. | Dr.Nidhi | Microbiological profile of neonatal sepsis among babies born to covid-19 positive mothers – A cross sectional study. <i>IJLBPR</i> , Dr. Ashish Saraswat, Dr. Nidhi Sharma, Dr. Abha Gupta, Dr. Abhishek Sharma | EMBASE |
| 68. | Dr.Nidhi | Emergence of non albicans Canada species in neonatal candidemia <i>IJPCR</i> - Dr. Abha Gupta, Dr. Nidhi Sharma, Dr. Amit Gupta, Dr. Abhishek Sharma | EMBASE |
| 69. | Dr.Nidhi | Assessment of knowledge and awareness about leprosy among medical college students in mewat region of Haryana. <i>Int. j. clin. biomed. res.</i> 2018;4(1):x-x. | Index Copernicus |
| 70. | Dr.Abha Gupta | A comparison of CRP with blood culture in the diagnosis of neonatal septicaemia – <i>IJMR</i> (2020;7(4)) | Index Copernicus |
| 71. | Dr.Abha | Microbiological profile of neonatal sepsis among babies born to covid-19 positive mothers – A cross sectional study. | EMBASE |

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| | | IJLBPR, Dr. Ashish Saraswat, Dr. Nidhi Sharma, Dr. Abha Gupta, Dr. Abhishek Sharma | |
| 72 | Dr.Abha | Emergence of non albicans Canada species in neonatal candidemia IJPCR- Dr. Abha Gupta, Dr. Nidhi Sharma, Dr. Amit Gupta, Dr. Abhishek Sharma | EMBASE |
| 73 | Dr.Abha | Assessment of clinical and microbiological profile of pathogens in febrile neutropenia in haematological malignancies- EJMCM, Volume 9, Dr. Amit Gupta, Dr. Abha Gupta, Dr. Puja Katiyar, Dr. Akhilesh Tomar | SCOPUS |
| 74 | Dr.Abha | Seroprevalence of TORCH infections among high risk pregnant women, Datia, Madhya Pradesh Dr. Abhishek Mehta, Dr. Abha Gupta, Dr. Puneet Agrawal | PUBMED CENTRAL |
| 75 | Dr.Hirdesh Kumari Gupta | Microbial profile of Chronic Otitis Media in patients of a Tertiary Care Hospital of North central M.P. JMSCR, Vol.8, Issue 02, Feb 2020 | Index Copernicus |
| 76 | Dr.Hirdesh | Post-sensitization assessment of Knowledge, Attitude, and Practice regarding Clinical sample collection, storage, and transportation among Health care workers at a Tertiary Care Hospital in Central M. JMSCR, Vol 07, Issue 12, December 2020 | Index Copernicus |
| 77 | Dr.Hirdesh | To study the Hepatic and Renal Dysfunction in Various species of Malaria in Mewat Region of Haryana. Int J H Clin Res, 2021; 4(22):36-38 | Index Copernicus |
| 78 | Dr.Hirdesh | Phenotypic and Genotypic Detection of Extended-Spectrum Beta-Lactamase (ESBL) and Metallo Beta-Lactamase (MBL) Genes in Multidrug-Resistant <i>Acinetobacter baumannii</i> Isolates Derived from Diabetic Foot Ulcer Patients. Cureus 2026 18(5): e109329. | PUBMED CENTRAL |
| 79 | Dr.Hirdesh | Virulence between ESBL and non-ESBL producing isolates of <i>Acinetobacter baumannii</i> causing diabetic foot infections. Bioinformation 2025;21(8):2942-2945 | PUBMED CENTRAL |
| 80 | Dr.Hirdesh | Antimicrobial susceptibility pattern of uropathogens at a tertiary care hospital in central India during covid era. IJPPS 2023; 15(5): 27-33 | SCOPUS EMBASE |