

Curriculum Vitae

Name **Dr. Nitin M. Gangane**
M.D, DNB, FUICC, FICP, FAMS, Ph.D.
Hon. Vice-Chancellor

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Belagavi-590010, Karnataka, India.

Date of Birth 11.06.1961

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Qualification

MBBS	Mahatma Gandhi Institute of Medical Sciences, Sevagram, Nagpur University	1983
MD (Pathology)	Mahatma Gandhi Institute of Medical Sciences, Sevagram, Nagpur University	1987
DNB (Pathology)	National Board of Examinations, Delhi	1989
Fellow of International Union Against Cancer (UICC)	International Union against Cancer	2007 and 2010
Post graduate Diploma in Hospital and Health Management	Indira Gandhi National Open University	2010
Fellow of Indian college of Pathologists	Indian college of Pathologists	2020
Fellow of Academy of Medical Sciences	National Academy of Medical Sciences	2020
PhD (Medical Science)	Umea University (Sweden)	2018

Work and Teaching Experience:

Dean Mahatma Gandhi Institute of Medical Sciences, Sevagram	11.6.2018 to 14.01.2023
Officiating Pro Vice Chancellor Maharashtra University of Health Sciences, Nashik	5.2.2014 to 25.3.2014
Head Department of Pathology, MGIMS, Sevagram	1.8.2004 to 10.6.2018
Director Professor Department of Pathology, MGIMS, Sevagram	6.1.2012 to 11.6.2018
Professor Department of Pathology, MGIMS, Sevagram	6.01.1997 to 31.07.2004
Professor Department of Pathology, JN Medical College, Sawangi	1. 4.1996 to 5.1.1997
Associate Professor and Head Department of Pathology, JN Medical College, Sawangi	1.1.1992 to 31.3.1996
Lecturer Department of Pathology, MGIMS,	24.12.1987 to 31.12.1991
Demonstrator in Pathology MGIMS, Sevagram	29.10.1986 to 31.7.1987
Research Officer WHO TDR Project on Filariasis	21.11.1985 to 28.2.1986

Office Bearer and Membership of Academic Bodies:

1. Member of Management Council, Maharashtra University of Health Sciences, Nashik, 2013-2017
2. Member of Governing Body, Indian Council of Medical Research (ICMR), 2014-2018
3. Member of the Senate, Maharashtra University of Health Sciences, Nashik, 2002 - 2007
4. Chairperson, Board of Studies, Para clinical (PG) Board, Maharashtra University of Health Sciences, Nashik, 2010 - 2012
5. Chairperson, Board of Studies, Para clinical (UG) Board, Maharashtra University of Health Sciences, Nashik, 2012-2017
6. Chairperson, Board of Studies, Para clinical, Maharashtra University of Health Sciences, Nashik from 2001 to 2002
7. Member of Academic Council, Maharashtra University of Health Sciences, Nashik, 2001 - 2002, 2010 - 2012, 2012 - 2017
8. Member of Faculty of Medicine, Maharashtra University of Health Sciences, Nashik

9. Member, Board of Studies (Paramedical Sciences), Maharashtra University of Health Sciences, Nashik, 2010 - 2002, 2012-2017
10. Member of Board of Research, Maharashtra University of Health Sciences, Nashik, 2010-12 and 2018 onwards.
11. Member of Board of Medical Education disciplines, Maharashtra University of Health Sciences, Nashik, 2012-2017
12. Member Board of Genetic studies, Maharashtra University of Health Sciences, Nashik, 2012-2017
13. Chairman and Member of 31(5) Committee of Maharashtra University of Health Sciences, Nashik, 2000-2002 and 2007-2017
14. Chairman, Grievances Committee, Maharashtra University of Health Sciences, Nashik, 05/02/2014 - 25/03/2014
15. Chairman, Technical Advisory Committee, Maharashtra University of Health Sciences, Nashik, 2013-2017
16. Chairman, Research Grant Screening Committee, Maharashtra University of Health Sciences, Nashik, 2014-2017
17. Chairman, Vehicles Committee, Maharashtra University of Health Sciences, Nashik, 2013-2017
18. Chairman, Rules and Regulations Committee for recruitment of faculty at Maharashtra University of Health Sciences, Nashik
19. Chairman, Committee for framing directions for service condition of teachers at affiliated colleges, Maharashtra University of Health Sciences, Nashik, 2013
20. Member, Finance and Accounts Committee, Maharashtra University of Health Sciences, Nashik, 2012-2017
21. Member, Budget Committee, Maharashtra University of Health Sciences, Nashik, 2015
22. Member, Purchase Committee, Maharashtra University of Health Sciences, Nashik, 2012-2015
23. Member of Selection Committee for the post of Registrar, Finance and Accounts Officer and Controller of Examinations, Maharashtra University of Health Sciences, Nashik
24. Member of Staff Selection Committee at ACPM Medical College Dhule, PD Medical College Amravati, SKN Medical College Pune, NKP Salve Medical College, Nagpur, MIMER Medical College, Latur
25. Member of Local Inquiry Committee, Maharashtra University of Health Sciences, Nashik for provisional affiliation, first affiliation and continuation of affiliation of various Medical colleges in Maharashtra for MBBS and PG course in Pathology
26. Member of Annual Report Committee, Maharashtra University of Health Sciences, Nashik, 2009-10

27. Member, Faculty of Medicine, Dr. DY Patil Vidyapeeth (Deemed to be University), Pune, 2018 onwards
28. Member, Board of Studies, DMIMS (Deemed to be University), 2015 onwards
29. Member, speciality board (Pathology), National Board of Examinations 2018 onwards.
30. President, Academy of Medical Sciences, MGIMS, Sevagram, 2003- 2004
31. Medical Council of India Assessor for MD (Pathology)

Office bearer and Membership of Professional Bodies:

1. Chairperson, Maharashtra State Chapter of Indian Association of Pathologists and Microbiologists, 2006-2009
2. Life Member, Association of UICC Fellows, 2007 onwards
3. Member, Executive Council, Indian association of Pathologist and Microbiologist, 2006 - 2009
4. Member, Executive Council, Vidarbha Association of Pathologist
5. Member, International Pathology Review Panel, HPV ahead Project of International Agency for Research on Cancer (WHO), France
6. Reviewer of International Cancer Technology Transfer Fellowships (ICRETT) of Union for International Cancer Control (UICC)
7. Reviewer for National Health Laboratory Service Research Trust Grants in South Africa

Funded Research Projects and Research Experience:

1. Establishment of DBT-UMMID initiative for rural population at Mahatma Gandhi Institute of Medical Sciences, Sevagram, PI, funded by DBT, Government of India.
2. To establish a GCP Compliant Clinical Trial Network (CTN) for faster, cost effective hospital-based trials in Rheumatology, Co-PI, BIRAC, Government of India
3. Generating epidemiological, economic and attitudinal evidence to inform policy-making about HPV vaccine introduction in India and Ethiopia, Site PI, funded by MRC-UK and DBT
4. Survival analysis of Cervical, Breast and Head, Neck Cancers in Wardha District. PI, ICMR, 2018 onwards
5. Evaluation of DNA methylation signatures in Esophageal Squamous Cell Carcinoma from high incident regions of the world, International Agency for Research on Cancer, Collaborator, 2016 onwards
6. Multi-centric hospital based surveillance of Acute Encephalitis Syndrome for viral etiology among children in selected districts of Maharashtra and Andhra Pradesh,

Co-Investigator, funded by ICMR, 2014 onwards

7. Expression of ER, PR, HER2/neu, Ki67 and p53 markers in endometrial carcinoma: Clinico-Pathological Implications and Prognostic value, Co-Investigator, funded by MUHS, 2014 onwards
8. Prognostic value of expression of Cytokeratin 5/6, EGFR, e-cadherin and p53 in Triple Negative Breast Cancers in Central India, Co-Investigator, funded by MUHS, 2014 onwards
9. Breast Cancer scenario in India: Knowledge, Attitude, Practices, delay in Presentation and Management, Post treatment quality of life and self-coping. Principal Investigator, funded by Global Health Scholarship, Umea International School of Public Health, Department of Public Health and Clinical Medicine, Umea University, Sweden 2013 onwards
10. Population based Cancer Registry of Wardha District, Principal Investigator, funded by Indian Council of Medical Research, 2010 onwards
11. Population based Cancer registry of Wardha District, 2002- 2007, Principal Investigator, funded by NCRP (ICMR) and WHO
12. HPV ahead (Role of Human Papillomavirus infection and other co-factors in the aetiology of Head and Neck Cancer in Europe and India), Co-Investigator, funded by International Agency for Research on Cancer (WHO), Seventh Framework Programme (FP7) of the European Commission in the Cooperation Work Program, 2012 onwards
13. mTOR as a Molecular Target in HPV-Associated Oral and Cervical Squamous Carcinomas, Co-Investigator, funded by National Institute of Health, Bethesda (USA) and UICC (Union for International Cancer Control)
14. Screening of Oral Cancer using Salivary Test, Co-Investigator, funded by International Agency for Research on Cancer (WHO), Screening Group 2012 onwards
15. Expression of Vascular Endothelial Growth Factor (VEGF) Protein in Endometrium of women with menorrhagia and its correlation with Endothelial Cell Proliferation. Principal Investigator, funded by Indian Council of Medical Research, 2011-2012
16. Prevalence of Human Papilloma virus types in Cervical and Oral Cancers in Central India. Co-Principal Investigator, funded by International Agency for Research on Cancer (WHO), UICC (Union for International Cancer Control), 2007
17. Study of p53 and ras mutations in oral cancer. Co-Principal Investigator, funded by National Institute of Health, Bethesda (USA) and UICC (Union for International Cancer Control), 2010
18. Hospital Based Cancer Registry, Co-Investigator, ICMR, 2001 - 2003
19. Association of EBV infection with non-familial Breast Cancer in Women in Central India, An Immune-histochemical and Serological study, Principal Investigator,

funded by University Grants Commission, India, 2007

20. Mast Cell Density in Histological patterns of Leprosy, Principal Investigator, funded by Govt. of Maharashtra, India, 2005
21. Risk Factors for Oral Cancer, Principal Investigator, STS project, ICMR, 2002
22. Evaluation of Diagnostic use of purified Mycobacterium tuberculosis ESAS - 7 antigen in Extra-pulmonary tuberculosis, Co-Investigator, funded by Council of Scientific and Industrial Research (CSIR), 2000 - 2004
23. Biochemical characterization of secretory proteins of diagnostic importance and their use for immunological studies in tuberculosis, Co-Investigator, funded by Council of Scientific and Industrial Research (CSIR), 2004 - 2007
24. Screening of Carcinoma of Cervix in Rural Population at MGIMS, Sevagram Co Investigator, 1997-2001

Workshops/ Conferences Organized

1. Organizing Secretary MAPCON 2003- State Chapter conference of Maharashtra Association of Pathologists and Microbiologists, September 2003, MGIMS Sevagram
2. Chief Coordinator, First Training Workshop for Medical Officers and Technicians in Blood Storage Centres at First Referral Units. Supported by UNICEF Office for Bihar, Dept of Pathology, MGIMS, Sevagram, 26-28 August 2006
3. Organizing Secretary, CME on Gynaecological Cytology, JNMC, Sawangi (Meghe), 1995
4. Organizing Secretary, National Symposium and update on Problem areas in Diagnostic Oncopathology at MGIMS Sewagram, 1999
5. Organizing Secretary, Annual Meeting of VAPM at MGIMS, Sevagram

Responsibilities of Scientific Publications:

1. Editorial Board of Sevamed, Quarterly update on Infectious Disease Research and Traditional Medicine. Supported by Department of Biotechnology, GOI, Editorial Board of Indian journal of Pathology and Oncology, Editorial board of Aperito Journal of infectious diseases and vaccines
2. Reviewer of Journal of Indian Medical Association, Journal of Cytology, Indian Journal of Cancer, Achieves of Obstetrics and Gynecology, International Journal of tuberculosis and lung diseases, Journal of Histochemistry, Nutrition and

Metabolism, Experimental and Molecular Pathology, Journal of Clinical Pathology and Forensic Medicine, International Journal of Medicine and Medical Sciences.

Contribution to UG and PG teaching programme:

- Member of expert group of MCI for DM (Oncopathology)
- Member of Expert group (Pathology) National board of examinations
- Research Guide for PhD (Pathology) from MUHS, Nashik, PhD (Genetics), MD (Pathology) from Nagpur University and MUHS, Nashik, Co- guide for MD in Pharmacology, Forensic Medicine, Surgery, Medicine, Community Medicine and Obstetrics and Gynecology, Guide for STS Scheme of ICMR for UG students, Research Guide for MSc (Biotechnology) and M. Pharm Students.
- Completed guidance for PhD (Pathology) to Dr. Kiranabala Roshanlal for the topic “Expression of vascular endothelial growth factor (VEGF) protein in endometrium of women with menorrhagia and its correlation with endothelial cell proliferation”. Awarded PhD in 2017 by MUHS, Nashik
- Development of Undergraduate curriculum of Maharashtra University of Health Sciences in Pathology during 1999 to 2002
- Development of Postgraduate curriculum of Maharashtra University of Health Sciences in Pathology during 1999 to 2002
- Development of Log book for MD Pathology
- Participated in 62nd National Course on Educational Science for Health Professional at National Teachers Training Centre for Health Professionals, JIPMER, Pondicherry from 9th February to 19th February 2011

Publication of Books/ Technical Monographs

- Breast Cancer in rural India: Knowledge, attitudes, practices; Delays to care and Quality of life. Printed by UmU Print services, Umea University, 2018, ISBN 978-91-7601-842-2
- Textbook for Bachelor of Medical laboratory Technology, 2015, Editor, Textbook available online on MUHS website

- Population based cancer registry Wardha (a project of NCRP, ICMR) Annual report 2010
- Population based cancer registry Wardha district (a project of NCRP, ICMR) Three year report: 2010- 2012
- Population based cancer registry of Wardha district, 5 years report: 2010-2014

Research Publications:

Total - 176 (International 77 & National 99)

International (77)

1. A protocol for good quality genomic DNA isolation from formalin-fixed paraffin-embedded tissues without using commercial kits. April 2022 Molecular Biology Reports. DOI: 10.1007/s11033-022-07394-1
2. Immunohistochemical Analysis Of Novel Biomarkers Cyclin D1, p53 And Ki67 In Endometrial Carcinoma: Clinicopathological Significance And Prognostic Value. January 2022 Gulf journal of oncology, The 1(38):15-23
3. Students' Perspective Regarding Current Pathology Training in Theory Classes in MBBS Course and Insights to Improve Teaching-Learning Strategies: A Study in Central India. September 2021 Medical Journal of Babylon 18(3):266-271 DOI: 10.4103/MJBL.MJBL_36_21
4. Activation of CD44-Lipoprotein lipase axis in breast cancer stem cells promotes tumorigenesis. July 2021. Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease 1867(5):166228
5. Do platelet indices play a role in assessing severity of pre-eclampsia and eclampsia? September 2021 Journal of Pathology of Nepal 11(2):1790-1795 DOI: 10.3126/jpn.v11i2.31241
6. A Clinicohistopathological Correlation of Hansen's Disease in a Rural Tertiary Care Hospital of Central India. November 2020. Journal of Global Infectious Diseases 12(4):191
7. HPV DNA genotyping, HPV E6*I mRNA detection, and p16INK4a/Ki-67 staining in Belgian head and neck cancer patient specimens, collected within the HPV-AHEAD study. June 2021. Cancer Epidemiology 72(36):101925
8. Genome-wide DNA methylation profiling of esophageal squamous cell carcinoma from global high-incidence regions identifies crucial genes and potential cancer markers. March 2021 Cancer Research DOI: 10.1158/0008-5472.CAN-20-3445
9. A Clinicohistopathological Correlation of Hansen's Disease in a Rural Tertiary Care Hospital of Central India. November 2020. Journal of Global Infectious Diseases

12(4):191

10. A Rare Case of Primary Malignant Mesenchymoma Arising from Submandibular Salivary Gland. Deshmukh AV, Shivkumar VB, Gangane NM. *Oman Med J*. 2020 Nov 30;35(6):e209
11. Role of Human Papillomavirus Infection in Head and Neck Cancer in Italy: The HPV-AHEAD Study. *Cancers*, 2020; 12(12):3567
12. Automated versus manual method for Reticulocyte Count: A Comparative Study in Rural Central India. *Iraqi J Hematol*, 2020; 9:145-9
13. Netherton Syndrome: an atypical presentation. *Cutis*, 2019; 103(4):E27-9
14. Immunological host responses as surveillance and prognostic markers in tubercular infections. *Int J Mycobacteriol*, 2019; 8(2):190-195
15. The burden of cancers and their variations across the states of India: the Global Burden of Disease Study 1990-2016. India State-Level Disease Burden Initiative Cancer Collaborators. *Lancet Oncol*, 2018; 19(10):1289-1306
16. Quality of Life Determinants in Breast Cancer Patients in Central Rural India. *Asian Pac J Cancer Prev*. 2017;18(12):3325-3332
17. Role of mucosal high-risk Human Papillomavirus types in head and neck cancers in central India. *Int J Cancer*, 2017; 141(1):143-151
18. Development and validation of a protocol for optimizing the use of paraffin blocks in molecular epidemiological studies: The example from the HPV-AHEAD study. *PLoS One*, 2017; 12(10):e0184520.
19. Phacomatosis Cesiioflammea in association with von Recklinghausen disease (neurofibromatosis type I). *Cutis*, 2017; 99(2):E35-E37
20. Women's Knowledge, Attitudes, and Practices about Breast Cancer in a Rural District of Central India. *Asian Pac J Cancer Prev*. 2015;16(16):6863-70
21. Prevalence and Risk Factors for Patient Delay among Women with Breast Cancer in Rural India. *Asia Pac J Public Health*, 2016; 28(1):72-82
22. Chromoblastomycosis in a resident of a leprosarium. *Lepr Rev*, 2015; 86(1):102-7
23. Prevention of tumor growth driven by PIK3CA and HPV oncogenes by targeting mTOR signaling with metformin in oral squamous carcinomas expressing OCT3. *Cancer Prev Res (Phila)*, 2015; 8(3):197-207
24. Sclerosing stromal tumor of ovary. *Obstet Gynecol Sci*, 2014; 57(5):405-408
25. Abdomino-pelvic actinomycetoma successfully treated with combination chemotherapy. *Australas J Dermatol*, 2014; 55(3):230-2
26. Hemostatic alterations in liver diseases. *Int J Biomed Adv Res*, 2014; 5(5):113-116
27. Primary squamous cell carcinoma of the breast. *Int J Appl Basic Med Res*, 2014;

4(1):53-5

28. Analysis of reasons for discarding blood and blood components in a blood bank of tertiary care hospital in Central India: A prospective study. *Int J Med and Public Health*, 2014; 4(1):72-74
29. Study of ethylene diamine tetra acetic acid (EDTA) - dependent pseudothrombocytopenia. *Acta Medica Scientia*, 2014;1(1):1-5
30. Efficacy of Fluorescent Method over Conventional ZN Method in Detection of Acid Fast Bacilli among Various Cytomorphological Patterns of Tubercular Lymphadenitis. *International Journal of Science and Research (IJSR)*, 2013; 4(9):4-438
31. Effects of iron deficiency on cognitive function in school going adolescent females in rural area of central India. *Anemia*. 2013; 2013:819136
32. Rising trends of HCV infection over a period of 4 years among blood donors in central India: A retrospective study. *Int J Med and Public Health*, 2013; 3(4):240-243
33. Study of ethylene diamine tetra acetic acid (EDTA)-dependent pseudothrombocytopenia: an incidental but important finding. *Int J Biomed and Adv Res*. 2013;4(12):878-885
34. mTOR as a molecular target in HPV-associated oral and cervical squamous carcinomas. *Clin Cancer Res*, 2012; 18(9):2558-68
35. Multiple giant nerve abscesses presenting like lipoma in a treated patient of Hansen's disease. *Int J Dermatol*, 2012; 51(7):835-7
36. Detection of lupus erythematosus cells in pleural effusion: An unusual presentation of systemic lupus erythematosus. *J Cytol*, 2012; 29(1):77-9
37. Cytological diagnosis of filarial infection in an endemic area where screening and prophylaxis is in place. *Cytopathology*, 2012; 23 (5):325-9
38. Spectrum of male breast lesions diagnosed by fine needle aspiration cytology: A 5-year experience at a tertiary care rural hospital in central India. *Diagn Cytopathol*, 2012; 40(2):113-7
39. Metaplastic carcinoma of the breast cytological diagnosis and diagnostic pitfalls. *Acta Cytol*, 2011; 55(4):313-8
40. Quantitative Assessment of DNA damage directly in lens epithelial cells in senile cataract patients. *Mol Vis*, 2011; 17:6
41. Cryptococcus peritonitis a rare manifestation in HIV positive host: a case report. *Diagn Cytopathol*. 2011; 39(5):365-7
42. Large pulmonary cryptococcoma and cryptococcal meningitis in an immunocompetent patient: a case report. *Diagn Cytopathol*, 2010; 38(12):929-31
43. Xanthogranulomatous Salpingitis with enterobial appendicits. *J Obstet Gynaecol*,

2011; 31(1):95-6

44. Combination of cytologic features which correctly predicts diagnosis of papillary carcinoma of thyroid on FNAC. *Acta Cytol*, 2010; 54(3):500-01
45. Effect of *Tectona grandis* Linn. seeds on hair growth activity of Albino mice. *Int J Ayurveda Res*, 2010; 1(4):211-215
46. Inhibition of *Mycobacterium tuberculosis* secretory serine protease blocks bacterial multiplication both in axenic culture and in human macrophages. *The Scandinavian Journal of Infectious Diseases*, 2009; 41(8):569-574
47. Accuracy of a multispecies rapid diagnostic test kit for detection of malarial parasite at the point of care in a low endemicity region. *Trans R Soc Trop Med Hyg*, 2009; 4: 1237-44
48. Pentalogy of Fallopiand cardiac paraganglioma: A case report. *Cases J*, 2009; 2:9392
49. Association of Epstein Barr virus infection (EBV) with breast cancer in rural Indian women. *PLoS One*, 2009; 4(12):e8180
50. Cytodiagnosis of Ollier's disease a case report. *Diagn Cytopathol*, 2009; 37(7):513-5
51. Cytomorphologic diagnosis of basaloid squamous cell carcinoma a case report. *Acta Cytol*, 2009; 53(1):89-92
52. Conjunctival impression cytology in trachoma. *Diagn Cytopathol*, 2009; 37(3):170-3
53. Prevalence, trend and co-infection of infectious disease markers. *Asian J Trans Sci*. 2009; 3(1):29
54. Prevalence of human papillomavirus types in cervical and oral cancers in central India. *Vaccine*, 2009; 27(5):636-9
55. Cytodiagnosis of granulocytic sarcoma of liver arising in a milieu of myeloid metaplasia a case report. *Acta Cytol*. 2008; 52(5):619-22
56. Cytomorphological diagnosis of malignant eccrine tumors report of two cases. *Diagn Cytopathol*. 2008; 36(11):801-4
57. Unusual histological presentation in neurofibromas two case reports. *Cases J*, 2008; 1(1):188
58. Role of modified bleach method in staining of acid-fast bacilli in lymph node aspirates. *Acta Cytol*, 2008; 52(3):25-8
59. Mucinous cystadenoma arising from renal pelvis a report of 2 cases. *Urol J*, 2008; 5(3):197-9
60. Study of M tuberculosis ES - 31 and ES - 20 antigen levels in different pathogenic grades of lymph node tuberculosis. *The International Journal of Tuberculosis and Lung Disease*, 2007; 11(2):222-226

61. Reassessment of risk factors for oral cancer. *Asian Pac J Cancer Prev*, 2007; 8(2):243- 8
62. Utility of microwave processed cell blocks as a complement to cervico-vaginal smears. *Diagn Cytopathol*. 2007; 35(6):338-41
63. Cytological diagnosis of collagenous spherulosis of breast associated with fibroadenoma report of a case with review of literature. *Diagn Cytopathol*, 2007; 35(6):366-9
64. Adenocarcinoma of the rete testis with uncommon presentation as haematocele. *Singapore Med J*, 2007; 48(12):e311-3.
65. Pleuropulmonaryblastoma: transition from type I (cystic) to type III (solid). *Singapore Med J*, 2007; 48(7):e190-2
66. Cytodiagnosis of hepatic amyloidosis by fine needle aspiration cytology: a case report. *Acta Cytol*, 2006; 50(5):574-6
67. Metaplastic carcinoma of the breast in an HIV-positive patient: a case report. *Acta Cytol*.2005; 49(2):204-6
68. Osteochondroma of the sacrum with a correlative radiographic and histological evaluation. *Pediatr Neurosurg*, 2005; 41(1):46-8
69. Intranuclear inclusions in a case of pigmented villonodular synovitis of the ankle. *Diagn Cytopathol*, 2003; 29(6):349-51
70. Cytologic features of idiopathic scrotal calcinosis, *Acta Cytol*. 2003; 47(1):110-1
71. Pleomorphic lobular carcinoma of the breast: a case report. *Acta Cytol*, 2002; 46(5):909-11
72. Cytodiagnosis of sinus histiocytosis with massive lymphadenopathy: a casereport. *J Cytol*, 2002; 19(4):205-7
73. Sero-reactivity of two different antigenic, protein fractions of MTB H37 RA excretory- secretory antigen in pulmonary and extra-pulmonary tuberculosis. *J Commun Dis*. 2001; 33(2):63-71
74. Cytodiagnosis of erythema nodosum leprosum: a case report. *Acta Cytol*. 2002;12(5):386-8
75. Clinical presentation, etiology, and survival in adult acute encephalitis syndrome in rural Central India. *Clin Neurol Neurosurg*, 2013 Sep;115(9):1753-61
76. Bone metastases of clear cell sarcoma of the kidney diagnosed by fine needle aspiration cytology. A case report. *Acta Cytol*, 2007; 51(1):99-101
77. Cytodiagnosis of eumycoticmycetoma: a case report. *Acta Cytol*. 2008; 52(3):354-6

National (99)

1. E-cadherin as a prognostic biomarker in oral squamous cell carcinoma: A pilot study at tertiary care hospital. January 2022 Medical Journal of Dr D Y Patil Vidyapeeth DOI: 10.4103/mjdrdypu.mjdrdypu_240_21
2. Malignant mixed Müllerian tumor: Analysis of 21 cases at tertiary care rural hospital. January 2022 Medical Journal of Dr D Y Patil Vidyapeeth DOI: 10.4103/mjdrdypu.mjdrdypu_443_21
3. Role of p53 and Her2/Neu as a prognostic biomarker in breast carcinoma. January 2022 Medical Journal of Dr D Y Patil Vidyapeeth DOI: 10.4103/mjdrdypu.mjdrdypu_187_21
4. Role of Caspase-8 as a Prognostic Biomarker in Breast Cancer—A Pilot Study in Central India. December 2021 Indian Journal of Gynecologic Oncology 19(4) DOI: 10.1007/s40944-021-00572-
5. Intracranial Remote Metastasis from Adenoid Cystic Cancer of Parotid Gland: Case Report and Review of Literature. May 2021 Indian Journal of Otolaryngology and Head & Neck Surgery
6. Role of Caspase-8 as a Prognostic Biomarker in Breast Cancer—A Pilot Study in Central India. December 2021 Indian Journal of Gynecologic Oncology 19(4) DOI: 10.1007/s40944-021-00572-2
7. Expression of HER2/neu Receptor in Epithelial Ovarian Cancers: An Immunohistochemical Pilot Study in Central India, December 2021, Indian Journal of Gynecologic Oncology 19(4)
8. Role of Caspase-8 as a Prognostic Biomarker in Breast Cancer—A Pilot Study in Central India, December 2021, Indian Journal of Gynecologic Oncology 19(4)
9. Aggressive Angiomyxoma with Lymphangitis a Rare Entity - Case Report April 2021. Indian Journal of Dermatology 66(2):210-2
10. Microfilaria in breast masquerading as a breast lump: A report of two cases. Medical J of Dr. DY Patil Vidyapeeth, 2021; 14(1):84-86
11. Role of Estrogen Receptor- α and Estrogen Receptor- β Expression in the Disease Outcome of Invasive Luminal Type-A Breast Carcinoma Patient: A Pilot Study. Medical J of Dr. DY Patil Vidyapeeth, 2021; XX(X):1-6
12. Primary Squamous Cell Carcinoma of Thyroid Gland: A Report of Two Cases. J Med Sci, 2020; 40:284-7
13. The frequency of hydatidiform mole in a tertiary care hospital from central India. Indian Journal of Pathology and Oncology, 2020; 7(1):71-75
14. Role of CD4- and CD8-Positive T Cells in Breast Cancer Progression and Outcome: A Pilot Study of 47 Cases in Central India Region. Indian Journal of Gynecologic Oncology, 2020; 18(4), 109

15. Transitional cell carcinoma arising in ovarian cystic teratoma: A rare case report. *Indian Journal of Gynecologic Oncology*, 2020; 18:31
16. Correlation of p53 expression with Clinical Presentation and Prognosis of Oral Squamous Cell Carcinoma Patients: A Pilot Study. *Indian Journal Otolaryngology Head Neck Surgery*, 2020
17. Expression of CD34, PCNA and VEGF in CIN-3 and Invasive Squamous Cell Carcinoma Cervix: A Pilot Study. *Indian J Gynecology Oncology*, 2020; 18:60
18. An incidental finding of Rapunzel syndrome in a case of perforated appendix in a young girl. *Medical Journal Armed Forces India*, 2020; <https://doi.org/10.1016/j.mjafi.2020.04.009>.
19. Expression of ER/PR receptor, Her-2/neu, Ki67 and p53 in endometrial carcinoma: Clinicopathological implication and prognostic value. *Indian J Gynecology Oncology*, 2020; 18:1-9
20. P-53 expression in complex and/or atypical endometrial hyperplasia and endometrial adenocarcinoma. *International Journal of Clinical and Diagnostic Pathology*, 2020; 3(1): 166-171
21. Progesterone receptors in complex and/or atypical endometrial hyperplasia and endometrial adenocarcinoma. *International Journal of Clinical and Diagnostic Pathology*, 2020; 3(1): 161-165
22. Estrogen receptor expression in complex and/or atypical endometrial hyperplasia and endometrial adenocarcinoma. *International Journal of Clinical and Diagnostic Pathology*, 2020; 3(1): 155-160
23. Cytomorphological profile of lymphadenopathy in HIV-infected persons. *Indian Journal of Pathology and Oncology*, 2019; 6(3):343-347
24. Utility of MOC-31 monoclonal antibody in differentiating metastatic adenocarcinoma cells and reactive mesothelial cells in effusion cytology. *Indian J Pathol Microbiol*, 2018; 61(1):90-93
25. Correlation of endothelial cell proliferation with vascular endothelial growth factor in endometrium of women with menorrhagia. *International Journal of Research in Medical Sciences*, 2017; 5(5):2034
26. Dedifferentiated chondrosarcoma of right proximal femur. *Medical Journal of Dr. D.Y. Patil University*, 2016; 9(2):261-265
27. Epithelial myoepithelial carcinoma of the parotid gland. *Medical Journal of Dr. D.Y. Patil University*. 2015; 8(6):772-774
28. Molecular Genetic study of Complete Hydatidiform Moles. *Indian Journal of Anatomy*, 2016; 5(3):325-328
29. Changing trends of syphilis among blood donors in Bastar region, Chhattisgarh: A retrospective study. *Community Acquired Infections*, 2015; 2:2;51-56
30. Analysis of reasons for discarding blood and blood components in a blood bank of tertiary care hospital in central India: A prospective study. *International Journal*

of Medicine and Public Health, 2014; 4(1)

31. Correlation of endothelial cell proliferation with vascular endothelial growth factor in endometrium of women with menorrhagia. *Int J Res Med Sci*, 2017; 5(5):2034-2039
32. Impact of counseling on temporarily deferred donor in a tertiary care hospital, central India: A prospective study. *International Journal of Medicine and Public Health*, 2014; 4(4)
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38. Hemangiomas versus arterio-venous malformations: role of elastic stains and mast cell density. *Indian J Pathol Microbiol*, 2014; 57(2):191-5.
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43. Scrofuloderma- a case series from rural India. *Indian J Tuberc*, 2011; 58(4):189-95
44. A Cytological Study of Leuko Plastic Lesions in Oral Cavity. *J MGIMS*, 2010; 15(II):49.
45. Oxidants and antioxidants in Lymph node tuberculosis. *J MGIMS*, 2008;13(2):35-41
46. Utility of microwave processed cell blocks as a complement to cervico-vaginal. *J Vector Borne Dis*, 2008; 45:328-30
47. Acinic Cell Carcinoma of Parotid Presenting as a Fungating Mass in an Adolescent Female. *J MGIMS*, 2007; 12 (II):51
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53. Osteochondroma of the Sacrum with a Correlative Radiographic and Histological Evaluation. Pediatric Neurosurgery, 2005; 41(1):46-8
54. Aplastic anemia in pregnancy: fatal outcome. J MGIMS, 2004; 9(2):37
55. Intramedullary diffuse tubercular lesion resembling glioma. Indian J Med Sci, 2004; 58(12):527-8
56. Study of haemoglobin S percentage and haematological parameters in sickle cell trait. Indian J Pathol Microbiol, 2003; 46(3):420-4
57. An unusual case of endometrial Stromal sarcoma. J MGIMS, 2002; 7(2):31
58. Endometriosis of fallopian tube simulating ectopic pregnancy. Obstetrics - Gynecology, 2002; 7(7):400-1
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60. Correlative study of post sterilization menstrual disorders and hysterectomy. J Obstet Gynaecol India, 2002; 52(3):97-9
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62. Cytodiagnosis of histoplasmosis of lymph node: a case report. J MGIMS, 2002; 7(2):25-7
63. Study of histopathological spectrum of chronic gastritis in reference to helicobacter pylori infection. Indian Pract, 2002; 55(9):576-84
64. Desmoplastic small round cell tumour: diagnosis by FNAC, J MGIMS, 2001; 5:34-6
65. Juvenile papillomatosis of the breast. J MGIMS, 2001; 6:41-2
66. Vaginal metastasis of chorioadenomastromas. J Obstet Gynaecol India, 2000; 50 (1):106
67. Verrucous carcinoma of lower genital tract. Antiseptic, 2000; 99(4):125-6
68. Hepatic heterotopia in gall bladder. J MGIMS, 2000; 5:40-3
69. Hematological profile in patients of sickle cell anemia and sickle cell trait in relation to blood gas analysis . IndJ Hemat Blood Transf, 2000; 18(2):28-9.
70. Ck positive reticulum cell sarcoma in intra parotid lymph node - a case report. J MGIMS, 1999; 2:39
71. Carcinoid tumour in Meckel's diverticulum: a case report with review of literature. Antiseptic, 1999; 96:58-9

72. Cytokeratin positive reticulum cell sarcoma in intraparotid node. J MGIMS, 1999; 4(1)
73. Aberrant adrenal cortical tissue in the spermatic cord. J MGIMS, 1999; 5(2):31
74. A study of breast cancer in rural population. Indian Pract, 1998; 51:184
75. Primary squamous cell carcinoma of renal pelvis. Indian Pract. 1998; 51:184-90
76. Myospherulosis of maxillary sinus--a case report with review of literature. Indian J Pathol Microbiol, 1998; 41(4):491-3
77. Unsuspected primary carcinoma of fallopian tubes. Indian Pract, 1997; 50:1073-5.
78. Granular cell tumour - a case report. Indian Pract, 1997; 50(10):913-4
79. Study of benign breast diseases in rural population. Indian Pract, 1997; 50(9):775-8
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81. Evaluation of vitamin a status by conjunctival impression cytology among school aged population. Indian Pediatr, 1993; 30(9):1085-9. PMID:8125593
82. Nuclear groove: a useful nuclear morphological feature for cytodiagnosis of papillary carcinoma of the thyroid of fine needle aspiration cytology. Ind Med Gaz, 1993; 27:122-6
83. Diagnosis of Chlamydia trachomatis infection by Papanicolaou stain. Antiseptic, 1992; 89(1):197-8
84. Fine needle aspiration cytology of parathyroid adenoma. Ind Med Gaz, 1992; 126:276-7
85. Intramuscular myxoma- a report of two cases with review of literature. Indian J Pathol Microbiol. 1992; 35(4):375-7
86. Aspiration cytology of solitary schwannoma. Indian Pract, 1992; 45(7):593-5
87. Ceroid granulomas of gall bladder. Indian Pract, 1991; 44:295-6
88. Leukemia among children in a rural community. Indian Pract, 1991; 44:16
89. Arias stella phenomenon in diagnosis of early intrauterine pregnancy. J Obstet Gynaecol India, 1990; 40(5):653
90. Reactive erythrophagocytosis in axillary lymph nodes - an unusual finding in carcinoma of breast. Ind Med Gaz, 1990; 74:1
91. Filarial lymphadenitis: a histopathological study. Ind Med Gaz, 1990; 124:301-4
92. Diagnostic utility of white blood cell and differential cell counts in sickle cell disease. Antiseptic, 1990; 88(2):87
93. Fibronectin in disease and health. Ind Med Gaz, 1989; 44(12):973-6
94. Primary bone tumours in rural central India. SDMH J, 1989; 13:191

95. Hemangiomas versus arterio-venous malformations: role of elastic stains and mast cell density. Indian J Pathol Microbiol. 2014; 57(2):191-5
96. Limb Body Wall Complex. Indian Pediatrics, 2003; 40:891-894
97. Unilateral pulmonary agenesis and renal anomalies associated with in situ neuroblastoma of the adrenal gland. Indian J Pediatr, 2004; 71(6):545-7.
98. Primary cutaneous diffuse large B cell lymphoma, leg type. Indian J Dermatol Venereol Leprol, 2011; 77(2):212-4.
99. Rising trends of HCV infection over a period of 4 years among blood donors in central India: A retrospective study. International J. of Medicine and Public Health, 2014; 3 (4)

Guest Lectures and presentation in Scientific Meetings:

- Guest speaker at VAMP annual meet in June 2017 at Nagpur on “Pathology of Leprosy”
- Guest speaker at International symposium on Breast cancer at JNMC, Sawangi in Jan 2017 on “Breast cancer: Interpretation of Pathology report and prognosis”

- Presentation of report on PBCR of Wardha District at Annual Review Meeting of National Cancer Registry Program at Kohima in December 2016.
- Guest speaker on Symposium on Oral cancer at Sharad Pawar dental College, Sawangi in December 2013
- Presentation of report on PBCR of Wardha District at Annual Review Meeting of National Cancer Registry Program at Patiala in December 2013.
- Guest speaker on “Acute leukemia” at Leukemia and Lymphoma workshop at JNMC, Sawangi on 26th and 27th of January 2013
- Presentation of report on PBCR of Wardha District at Annual Review Meeting of National Cancer Registry Program at Trivendrum in November 2012.
- Guest speaker at Workshop on Immunohistochemistry at JNMC, Sawangi in December 2012
- Presentation at Kick off meeting of HPV ahead project at Trivandrum on 12th November 2011
- Presentation of report on PBCR of Wardha District at Annual Review Meeting of National Cancer Registry Program at Gauwhati in November 2011.
- Presentation of Proposal under FIST program of DST at Bangalore in August 2011
- Presentation of final Group research proposal at Cancer Epidemiology Workshop at IARC, Lyon, France, July 2011
- Lecture on “Pathology of Leprosy” at CME on Dermatology at JNMS, Sawangi in

February 2011

- Presentation of report on PBCR of Wardha District at Annual Review Meeting of National Cancer Registry Program at Bangalore in December 2010.
- Presentation of Proposal under FIST program of DST at New Delhi in December 2010
- Presentation of report on PBCR of Wardha District at Annual Review Meeting of National Cancer Registry Program at Bangalore in December 2009.
 - Symposium on Role of Autopsies in postgraduate curriculum in Pathology at State Chapter conference at Navi Mumbai in October 2007
- Presentation on PBCR of Wardha District at National Workshop on “Population based cancer registry” at Bangalore August 2002.
- Presentation on PBCR of Wardha District at National Workshop on “Population based cancer registry” at Bangalore in March 2002

Presentations of research articles in conferences:

- 1) Metastasis of sebaceous carcinoma in submandibular salivary gland- A cytologist's dilemma. CYTOCON, Nagpur; 11/2016
- 2) Cytology of myxoid neurofibroma- A case report. CYTOCON, Nagpur; 11/2016
- 3) Diagnostic utility of ultrasonography guided fine needle aspiration cytology in retroperitoneal mass. CYTOCON, Nagpur; 11/2016
- 4) Breast metastases from a malignant peripheral nerve sheath tumour (MPNST) of the forearm: An unusual presentation. CYTOCON, Nagpur; 11/2016
- 5) Primary paraganglioma of thyroid gland mimicking Medullary carcinoma- A case report. CYTOCON, Nagpur; 11/2016
- 6) Utility of p16INK4a staining on cell blocks prepared from residual liquid based cervico-vaginal material. CYTOCON, Nagpur; 11/2016
- 7) Knowledge, attitude and practices regarding breast cancer in rural India. 2nd International public health conference at Colombo, Sri Lanka, September 2016
- 8) Use of monoclonal antibody MOC- 31 as an immunomarker for detecting metastatic adenocarcinoma effusion. 62nd Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2013, Aurangabad; 12/2013
- 9) Expression of CD34, PNA and VEGF in in-situ and invasive squamous cell carcinoma of cervix. 62nd Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2013, Aurangabad; 12/2013
- 10) Intracystic papillary carcinoma in male breast: a rare case report. 62nd Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2013, Aurangabad; 12/2013

- 11) Study of ethylene diamine tetra acetic acid (EDTA) dependent pseudothrombocytopenia (PTCP). 62nd Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2013, Aurangabad; 12/2013
- 12) Anaplastic carcinoma associated with Hashimoto's thyroiditis: a rare synchronization. 62nd Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2013, Aurangabad; 12/2013
- 13) Diagnostic utility of squash smears for rapid intraoperative diagnosis of lesions of the central nervous system. 62nd Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2013, Aurangabad; 12/2013
- 14) Cytologic clues to diagnosis of metastases to liver. CYTOCON 2013, Annual National Conference of the Indian Academy of Cytologists, Pondicherry; 10/2013
- 15) Cytological and clinical profile of gouty tophi: A report of nine cases. CYTOCON 2013, Annual National Conference of the Indian Academy of Cytologists, Pondicherry; 10/2013
- 16) Diagnostic dilemmas in cytodiagnosis of primary osteogenic sarcoma. CYTOCON 2013, Annual National Conference of the Indian Academy of Cytologists, Pondicherry; 10/2013
- 17) Cytomorphologic features in breast lesions diagnosed as 'papillary' on cytology. A logistic regression analysis study. CYTOCON 2013, Annual National Conference of the Indian Academy of Cytologists, Pondicherry; 10/2013
- 18) Diagnostic dilemmas in cytodiagnosis of chondroid lesions. CYTOCON 2012, Annual National Conference of the Indian Academy of Cytologists, Kalinga Institute of Medical Sciences, Bhubaneswar; 12/2012
- 19) Cytodiagnosis of Hodgkin's disease: Diagnostic pitfalls. CYTOCON 2012, Annual National Conference of the Indian Academy of Cytologists, Kalinga Institute of Medical Sciences, Bhubaneswar; 12/2012
- 20) Cytomorphologic profile of lymphadenopathy in HIV infected persons. CYTOCON 2012, Annual National Conference of the Indian Academy of Cytologists, Kalinga Institute of Medical Sciences, Bhubaneswar; 11/2012
- 21) Cytomorphological spectrum of subcutaneous and intramuscular cysticercosis: A report of 12 cases. MAPCON 2012, PDMC Amravati; 10/2012
- 22) An audit of blood bank services. MAPCON 2012, PDMC Amravati; 10/2012
- 23) Hemostatic alterations in liver diseases. MAPCON 2012, PDMC Amravati; 10/2012
- 24) Papillary variant of salivary duct carcinoma: cytological pitfall. MAPCON 2012, PDMC Amravati; 10/2012
- 25) Lobular granulomatous mastitis: a case report. APCON 2011, Government Medical College, Patiala; 12/2011
- 26) Comparative study of Auramine Rhodamine and Ziehl Neelson staining for

demonstration of acid fast bacilli in FNAC smears of suspected tubercular lymphadenopathy cases. APCON 2010, Hyderabad; 12/2010

27) Adenomatoid tumor of the uterine corpus- A case report. 59th APCON 2010, Hyderabad; 12/2010

28) Ethanol free modification of Papanicolaou stain- a new protocol using iso-propyl alcohol. 40th Annual Conference of the Indian Academy of Cytologists, Kolkata; 11/2010

29) Anti-thyroid antibodies in Hashimoto's thyroiditis and other benign lesions of thyroid with cytomorphologic correlation. MAPCON 2010, Nagpur; 09/2010

30) Intra-dermal Nerve Inflammation - Clue to the diagnosis of early skin lesions of leprosy. MAPCON 2010, Nagpur; 09/2010

31) Combination of cytologic features which correctly predicts diagnosis of papillary carcinoma of thyroid on FNAC. 17th International Congress of Cytology, EICC, Edingburgh, Scotland; 05/2010

32) Mast cells in lymphangiomas. 58th Annual Conference of Indian Association of Pathologists and Microbiologists APCON 2009, Kolkata; 12/2009

33) Mean platelet volume as a risk factor for acute coronary syndrome. 58th Annual Conference of Indian Association of Pathologists and Microbiologists APCON 2009, Kolkata; 12/2009

34) Prevalance of Iron deficiency anaemia in school going adolescent females and its relation with cognitive function. 58th Annual Conference of Indian Association of Pathologists and Microbiologists APCON 2009, Kolkata; 12/2009

35) Morphological variants of pediatric renal tumours. 58th Annual Conference of Indian Association of Pathologists and Microbiologists APCON 2009, Kolkata; 12/2009

36) Hemostatic alterations in sickle cell hemoglobinopathies. 58th Annual Conference of Indian Association of Pathologists and Microbiologists APCON 2009, Kolkata; 12/2009

37) Cytological diagnosis of SLE in pleural effusion. MAPCON 2009, Loni; 09/2009

38) Cytomorphology of infiltrating micropapillary carcinoma of breast: a 9-year study. MAPCON 2009, Loni; 09/2009

39) Cytomorphology of colloid goiter. MAPCON 2009, Loni; 09/2009

40) Clinicopathological characteristics of infiltrating duct carcinoma of breast with micropapillary carcinoma component. APCON 2008, Annual National Conference of Indian Association of Pathologists and Microbiologists, Kattankulathur, Chennai; 12/2008

41) Mammary fibromatosis as a mimic of carcinoma on Fine Needle Aspiration Cytology. APCON 2008, Annual National Conference of Indian Association of Pathologists and Microbiologists, Kattankulathur, Chennai; 12/2008

42) Increasing thrombocytopenia as an early marker of septicemia in burn cases.

APCON 2008, Annual National Conference of Indian Association of Pathologists and Microbiologists, Kattankulathur, Chennai; 12/2008

43) Analysis of Predictive value of Cytologic Features in Diagnosis of Papillary Carcinoma of Thyroid. APCON 2008, Annual National Conference of Indian Association of Pathologists and Microbiologists, Kattankulathur; 12/2008

44) Leukocyte alkaline phosphatase activity in non- haematological malignancies and its utility as a probable predictor of metastasis with emphasis on breast and colon cancer. APCON 2008, Annual National Conference of Indian Association of Pathologists and Microbiologists, Kattankulathur, Chennai; 12/2008

45) Prevalance, trend and co-infection of infectious disease markers in blood donors. TRANSCON, SGPGI Lucknow; 12/2008

46) Worm in the eye of a child: A case report. 32nd National conference of Indian Association of Medical Microbiologists, AFMC, Pune; 10/2008

47) Eumycotic mycetoma- Report of four cases. MAPCON 2008, Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Sawangi Meghe; 09/2008

48) Cytomorphological features of mixed invasive papillary carcinoma and cribriform carcinoma breast: A case report. MAPCON 2008, Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Sawangi Meghe; 09/2008

49) Cardiac Paraganglioma associated with Pentalogy of Fallot: A case report. MAPCON 2008, Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Sawangi Meghe; 09/2008

50) A histomorphological study of benign vascular lesions with special reference to elastin staining and mast cell density. MAPCON 2008, Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Sawangi Meghe; 09/2008

51) Cytodiagnosis of amyloidosis of liver in a patient of multiple myeloma: A case report. MAPCON 2008, Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Sawangi Meghe; 09/2008

52) Role of oxidative stress and antioxidant levels in tubercular, reactive and metastatic lymphadenopathy. MAPCON 2008, Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Sawangi Meghe; 09/2008

53) Accuracy of cerebrospinal fluid cell counts, cytology and chemistry in diagnosis of adult viral meningo-encephalitis. APCON 2007, PGIMER Chandigarh; 11/2007

54) Cytological diagnosis of malignant eccrine tumours: report of two cases. APCON 2007, PGIMER Chandigarh; 11/2007

55) Cytomorphological diagnosis of basaloid squamous cell carcinoma: a case report. Maharashtra State Chapter of Indian Association of Pathologists and Microbiologists,

MAPCON 2007, Mumbai; 10/2007

56) Role of modified bleach method in staining of acid fast bacilli in lymph node aspirates. Maharashtra State Chapter of Indian Association of Pathologists and Microbiologists, MAPCON 2007, Mumbai; 10/2007

57) Unusual histological presentation in neurofibroma: A report of two cases. 55th Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2006, Bangalore; 12/2006

58) Accuracy and pitfalls in cytodiagnosis of pleomorphic adenoma. 55th Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2006, Bangalore; 12/2006

59) Mast cell density in various histopathological lesions of leprosy. 27th Maharashtra State Chapter Conference of Indian Association of Pathologists and Microbiologists, MAPCON 2006, Nashik; 09/2006

60) Chrug- Strauss Syndrome. Slide Seminar organized by Vidarbha Association of Pathologists and Microbiologists, Nagpur; 06/2006

61) Bone metastases of clear cell sarcoma of kidney diagnosed by FNAC. 54th Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2005, Indore; 12/2005

62) Cytohistologic discrepancy in carcinoma cervix. 54th Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2005, Indore; 12/2005

63) Study of epidemiological factors in oesophageal cancer. 54th Annual Conference of Indian Association of Pathologists and Microbiologists, APCON 2005, Indore; 12/2005

64) Fine needle aspiration in diagnosis of nodal and extranodal Langerhans cell histiocytosis. MAPCON 2005, Karad; 09/2005

65) Cytomorphological profile of Hashimoto's thyroiditis. 34th Annual Conference of the Indian Academy of Cytologists, CYTOCON, Bhopal; 12/2004

66) Is Indian file a reliable criterion to identify lobular carcinoma in fine needle aspirates? 34th Annual Conference of the Indian Academy of Cytologists, CYTOCON, Bhopal; 12/2004

67) Erythrocyte Sedimentation Rate in health and disease. XXV Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, MAPCON, Mumbai; 09/2004

68) Population Based Cancer Registry of Wardha District. XXV Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, MAPCON, Mumbai; 09/2004

69) Hemoglobin S percentage and hematological parameters in sickle cell trait. XXIII Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Pune; 09/2002

70) Mucinous cystadenoma arising in renal pelvis. XXIII Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Pune;

09/2002

- 71) Epidemiological factors in oral and oropharyngeal malignancy. XXIII Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Pune; 09/2002
- 72) Multicystic nephroma arising in a supernumerary kidney. XXIII Annual Conference of Maharashtra Chapter of Indian Association of Pathologists and Microbiologists, Pune; 09/2002
- 73) A correlative study of histological grading with nuclear grading in FNAC smears of carcinoma breast. XXI Annual Conference of Indian Academy of Cytologists, Hyderabad; 11/2001
- 74) A correlative study of cytological, biochemical and microbiological parameters in benign body cavity effusions. XXI Annual conference of Indian Academy of Cytologists., Hyderabad; 11/2001
- 75) A cytological, microbiological and immunological correlative study of tubercular effusions. Annual conference of Maharashtra chapter of IAPM, Nagpur; 09/2001
- 76) Detection of Filarial Antigen and Antibody in hydrocele fluid and sera” in 1987 IAPM State chapter conference at Kolhapur
- 77) Diagnosis of Early skin lesions of Leprosy” at Maharashtra Chapter Conference of IAPM
- 78) Ceroid Granuloma of Gall Bladder” at Maharashtra Chapter Conference of IAPM.
- 79) Solid Variant of Aneurysmal bone cyst “at Maharashtra Chapter Conference of IAPM

Workshops attended:

1. Symposium of Haematology by Bombay Haematology group. 6th February to 9th February 1989
2. Workshop on “DNA Probes in Tropical Diseases” at Anna University, Madras, 6th March to 18th March 1989.
3. Workshop on “Renal Pathology Update” at LTMC, Mumbai. 4th August to 6th August 89.
4. CME on “Fine Needle Aspiration Cytology “at S.B. City Medical College, Cuttack. February 1993.
5. International CME and Workshop on “Categorisation of lymphoma” at TMH, Mumbai. February 1996

6. National Workshop on “Breast Pathology” at TMH, Mumbai in March 97.
7. Workshop on Lymphoma at SRT Cancer Hospital, Nagpur in November 98.
8. International CME on Surgical Pathology, Nizam’s Institute, Hyderabad Jan’2000.
9. International CME on Pediatric Tumour Pathology at TMH, Mumbai in Nov’2000.
10. Workshop on “Development of Postgraduate Curriculum” at MUHS, Nashik in Feb’2001.
11. Western Regional Workshop on “Development of Cancer Atlas of India” at Mumbai in Jan’ 2001
12. National Workshop on “Population based cancer registry” at Bangalore in March 2002 and August 2002.
13. Workshop on Tumour Behavior “from pre invasion to metastases” at TMH, Mumbai in Oct 2001
14. International CME on surgical Pathology and Cytopathology at Indore in 2006
15. International Workshop on Cancer Epidemiology at Gangtok in 2007
16. International CME on surgical Pathology and Cytopathology at Agra in 2009
17. International Course on Cancer Registration: Principles and methods at IARC, Lyon, France June 2011
18. Course on introduction to Cancer epidemiology, IARC, Lyon, France June 2011
19. International course on Research writing in English”, Umea University, Umea, February 2012
20. International course on Information retrieval, publication, application and lecture” Umea University, Umea April 2013
21. International course on Analyzing data in qualitative research Part 1”” Umea University, Umea, December 2012
22. International course on Research ethics, Umea University, Umea November 2013
23. International course on Research methodology and philosophy of science, Umea University, Umea May 2014
24. International course on Research methodology with biostatistics Umea University, Umea May 2016
25. International course on Advanced biostatistics: Logistic regression Umea University, Umea May 2016
26. Data collection, database management and quality control in quantitative studies Umea University, Umea May 2017

Computer competency:

- Maharashtra state Certificate course in Information Technology Certificate course in MS office 2010.
- Trained in statistical software's like Stata, R, Canreg.
- Training in Bio-informatics.