



**Dr. V. D. Nanoty (Principal)**

- Qualification: M.Sc. (Microbiology), PhD
- Designation: Principal
- Teaching Experience:
  - UG: 32 Years
  - PG: 16 years
- Ph.D. student supervised : 8
- Memberships of Academic Organizations:
  - Member of Board of Studies in Biochemistry and Microbiology in Amravati University.
  - Member of Indian Science Congress.
  - Member of National Centre for Science Communication, Amravati University.
  - Life member of Association of Microbiologists of India.
- Recognized PhD guide in SGB Amravati University, Amravati.
- Guiding Projects of PG students.
- Research Profile
- Paper publications : 26
- Paper presentations : 63
- Special Achievements:
  - Honoured with “Rashtriya Vidya Saraswati Puraskar” by International Institute of Education & Management, New Delhi for year 2009.
  - Thirty five M. Sc students completed dissertation / project work.
  - Through NSS activities help coordinate with NGO's for community development.
  - One minor Research Project on going.
- Academic Affiliation
- Appointed as subject expert for selection of Lecturer in Microbiology by SGB Amravati University, Amravati.
- Appointed as paper setter, in charge of various examinations by SGB Amravati University, Amravati.



**Dr. Vijay D. Nanoty receiving  
“Rashtriya Vidya Saraswati  
Puraskar” by International  
Institute of Education &  
Management, New Delhi for year  
2009.**

**Research Contributions:  
A) Paper publications: 26**

• **In Journals of National & International Repute: 21**

1. **Nanoty V. D.**, Garode A. M. (1994); *Environment impact of Micro organisms in slums on Human Health*; Eco-Environmental impact and organism response; 15.1-15.4
2. Garode A. M., **Nanoty V. D.** (1997); *Some observation on Bacteriological pollution of Ground Water*; Poll Res.; 16 (1): 23-24
3. Garode A. M., **Nanoty V. D.**, Bodhankar M. G. (1998); *Bacteriological status of drinking water in and around Chikhli Town of Buldana Dist. Maharashtra.*; Poll Res.; 17 (3): 293-294
4. **Nanoty V. D.**, Bodhankar M. G. (2001); *Communication Media as a Tool for Prevention of Communication Diseases – A case study of few villages in Akola Distt. Of Maharashtra, India*; J. Environment Pollution 8(1): 35-38
5. Garode A. M., **Nanoty V. D.**, Kulkarni N. S., Musaddiq M., Bodhankar M. G. (2001); *A Bacteriological profile of Drinking Water Pollution in Rural Maharashtra State of India*; Environment and Agriculture Bio diversity , Agriculture and pollution In south Asia; 547-594
6. **Nanoty V. D.**, Garode A. M., Kulkarni N. S., Musaddiq M., Bodhankar M. G. (2001); *Water quality on Morna rivers of Akola (MS) India*; Environment and Agriculture Bio diversity , Agriculture and pollution In south Asia; 543-546
7. **Nanoty V. D.**, Musaddiq M., Ahale M. A. (2003); *Microbiological studies on air in hospital Environment*; J. Microb. World; 5(2): 91-94
8. **Nanoty V. D.**, Garode A. M. (2003); *Watershed management through mass awareness for sustainable development*; Nature Environment and pollution technology; 2 (3): 369-371

9. **Nanoty V. D.**, Bodhankar M. G. (2003); *Development of scales for measuring knowledge and attitude towards communicable diseases*; Muktaavidya research magazine YCMOU; 2 (1): 34-37
10. Khandare S. A., **Nanoty V. D.**, Musaddiq M. (2004); *Studies on Chlorine and Antibiotic Resistance in Coliforms isolated from drinking water from various places in Akola city*; J. Microb. World; 6 (2): 187-190
11. Domale V., **Nanoty V. D.**, Musaddiq M. (2005); *Microbial studies on Nosocomial infections due to environmental contamination in hospitals*; Nature Environment and pollution technology; 4 (1): 61-64
12. Bijwe P. P., **Nanoty V. D.**, Musaddiq M. (2006); *Studies on Pathogenic isolates from Pediatric patients with Acute Diarrheal Diseases*; J. Microb. World; 8 (1): 42-45
13. **Nanoty V. D.**, Banole A. (2009); *Antibiotic resistance pattern of some clinical isolates in the hospitals of Akola*; J. Microb. World; 11 (1): 37-41
14. Khanzode P. U., **Nanoty V. D.**, Musaddiq M. (2010); *Resistance pattern of clinical isolates from skin infections against Beta-Lactam antibiotics*; J. Microb. World; 12 (1): 1-4
15. Paraskar D. R., **Nanoty V. D.**, Musaddiq M. (2010); *Study of root nodulation efficiency of different Rhizobium strains found in different regions of Akola district and developing Rhizobia based biofertilizer*; Nature Environment and pollution technology; 9 (1): 123-127
16. Malpani H. S., **Nanoty V. D.** (2011); *Studies on environmental monitoring of pathogenic bacterial flora of hospital air & threat of antibiotic resistance*; Nature Environment and pollution technology; 10 (2): 309-311
17. **Nanoty V. D.**, Anupama Banole (2012); *A comparative study of Microbial load in government, private and charitable hospitals in Akola city* ; Nature Environment and pollution technology; 11 (2): 329-330
18. Gawali A. A., **Nanoty V. D.**, Bhalekar U. K. (2012); *Determination of Susceptibility patterns in Pseudomonas aeruginosa related with nosocomial infection*; J. Microb. World; 14 (1): 39-43
19. Virwani V. D., Sharma P. M., Bhalekar U. K., **Nanoty V. D.** (2013); *Assay and characterization of extracellular lipases comprising the discrete optimization of hypolytic bacteria isolated from oil spilled soil*; J. Microb. World; 15 (2): 47-60
20. Banole A. M., **Nanoty V. D.** (2014); *Antibiotic resistance pattern of some clinical isolates of Staphylococcus aureus in the hospitals of Akola, Maharashtra, India*; Asian Jr. Microbiol. Biotech. Env. Sc.; 16 (1): 175-177
21. Gawali A. A., **Nanoty V. D.**, Bhalekar U. K. (2014); *Studies on Biosorption process for removing heavy metals from aqueous effluent by a bacterial extracellular polymeric substance*; Indian Journal of Applied Research; 4 (1): 17-19
22. Removal of heavy metals from industrial waste water using bacterial biomass. International Journal of Pharmaceutical Biological and Chemical Sciences; 2014 vol 3 (4) pp 44-48

- **In National & International Conference proceedings: 05**

19. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2012); Drug sensitivities of *Pseudomonas aeruginosa* isolated from primary and secondary wound infections; UGC sponsored National Conference on Recent Trends in Biosciences; 27-28 July 2012; 79-82
20. Gawali A. A., **Nanoty V. D.**, Bhalekar U. K. (2012); Removal of heavy metals from industrial effluent using bacterial biomass; UGC sponsored National Conference on Recent Trends in Biosciences; 27-28 July 2012; 59-64
21. Paraskar D. R., **Nanoty V. D.** (2012); Variations of PSB isolates from saline soil of Akola District at different pH and salt concentration level; UGC sponsored National Conference on Innovative Research Trends in Biological sciences; 8-9 September 2012; 201-204
22. Gawali A. A., **Nanoty V. D.**, Bhalekar U. K. (2012); Removal of heavy metals from industrial waste using bacterial biomass; UGC sponsored National Conference on Innovative Research Trends in Biological sciences; 8-9 September 2012; 609-613
23. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2012); Antimicrobial susceptibilities of *Pseudomonas aeruginosa* isolated from primary and secondary wound infections; UGC sponsored National Conference on Innovative Research Trends in Biological sciences; 8-9 September 2012; 630-633

### **23 Paper presentations in Conferences/ Symposiums/ Workshops: 63**

1. **Nanoty V. D.**, Garode A. M. (1994); *Environment impact of Micro organisms in slums on Human Health*; Eco-Environmental impact and organism response; Amravati
2. Garode A. M., **Nanoty V. D.**, Kulkarni K. M. (1995); *Some observation on Bacteriological pollution of Ground Water*; National Symposium on Recent advances in Bio-Sciences; Rohtak
3. **Nanoty V. D.**, Garode A. M., Bodhankar M. G. (1996); *Bacteriological quality of raw & pasteurized milk of Akola city and Chikhli Town, Maharashtra.*; 37th Annual conference of The Association Of Microbiologists of India; Chennai
4. Bodhankar M. G., **Nanoty V. D.**, Kulkarni N. S. (1996); *Studies on antibacterial activity of *Elaeocarpus Gantirus* Roxb. on clinical isolates from GI and UTI patients.*; 37th Annual conference of The Association Of Microbiologists of India; Chennai
5. Garode A. M., **Nanoty V. D.**, Bodhankar M. G. (1996); *Bacteriological status of drinking water in and around Chikhli Town of Buldana Dist. Maharashtra.*; 37th Annual conference of The Association Of Microbiologists of India; Chennai
6. **Nanoty V. D.** (1998); *Antibacterial Properties of *Allium Sativum**; 85th Indian Science Congress Association; Hyderabad
7. Garode A. M., **Nanoty V. D.**, Kulkarni N. S., Musaddiq M., Bodhankar M. G. (1998); *Drinking water pollution in rural Maharashtra: Bacteriological profile*; International conference on Environment and Agriculture; Kathmandu, Nepal
8. Garode A. M., **Nanoty V. D.**, Kulkarni N. S., Musaddiq M., Bodhankar M. G. (1998); *Water quality on Morna rivers at Akola District, Maharashtra*; International conference on Environment and Agriculture; Kathmandu, Nepal

9. Kulkarni N. S., **Nanoty V. D.**, Garode A. M., Musaddiq M., Bodhankar M. G. (1998); *Effect of bioinoculations as influenced by fertilizers on seed germination of cole crops*; International conference on Environment and Agriculture; Kathmandu, Nepal
10. **Nanoty V. D.**, Garode A. M., Kulkarni N. S., Bodhankar M. G. (1999); *Role of College youth in Wetland conservation Programmes*; National Conference Cum Workshop on Wetland conservation; Washim
11. Garode A. M., Agarkar S. V., **Nanoty V. D.**, Kulkarni N. S., Bodhankar M. G. (1999); *Water quality of Mahimal reservoir: Study on Microbiological & physico-chemical parameters*; National Conference Cum Workshop on Wetland conservation; Washim
12. Kulkarni N. S., Bodhankar M. G., **Nanoty V. D.**, Garode A. M. (1999); *Studies on removal of heavy metals from waste water using saw dust & spent beds of mushrooms*; National Conference Cum Workshop on Wetland conservation; Washim
13. Garode A. M., Agarkar S. V., **Nanoty V. D.** (1999); *Biofertilizers: Microbial seed inoculants for increasing output of Agricultural products*; State Level conference on Seed technology-2000; Aurangabad
14. Garode A. M., Agarkar S. V., **Nanoty V. D.** (1999); *Bacteriological Status of Drinking Water: A Case Study of Buldana Dist. Of Maharashtra*; National Seminar on Pollution, its Control and Disaster Planning; Aurangabad
15. Garode A. M., **Nanoty V. D.** (2000); *Biotechnology for All*; National Conference on Recent Trends in Biotechnology; Amravati
16. **Nanoty V. D.**, Garode A. M., Bodhankar M. G. (2000); *Role of communication media in creating environment awareness for prevention of water borne diseases*; 2nd International conference on Environment and Health; Bangalore
17. Garode A. M., Agarkar S. V., **Nanoty V. D.**, Bodhankar M. G. (2000); *Supply of drinking water, water pollution and water borne diseases & role of local government*; 2nd International conference on Environment and Health; Bangalore
18. Vyawahare P. A., **Nanoty V. D.**, Musaddiq M. (2001); *Studies on pathogenic isolates from Hospital Waste*; Microbial biotechnology Millennium's New Vision. A.M.I, 42<sup>nd</sup> Annual Conference; Gulbarga, Karnataka
19. **Nanoty V. D.**, Garode A. M., Bodhankar M. G. (2001); *Studies on some communicable diseases and people awareness programmes in selected villages of Akola District. (M.S.)*; VI Global conference on Environment Education; New Delhi
20. Garode A. M., **Nanoty V. D.**, Bodhankar M. G. (2001); *Water Pollution, health-hygiene and sanitation: Rural awareness for improved environmental status of life*; VI Global conference on Environment Education; New Delhi
21. Vyawahare P. A., **Nanoty V. D.**, Musaddiq M. (2001); *Studies on Pathogenic strain of Staphylococcus from Hospital Waste*; International Conference of SAARC countries on Biotechnology in Agriculture Industry and Environment; Karad
22. Ahale M. A., **Nanoty V. D.**, Musaddiq M. (2001); *Microbiological studies on Air in Hospital Environment*; International Conference of SAARC countries on Biotechnology in Agriculture Industry and Environment; Karad
23. Domle V., **Nanoty V. D.**, Musaddiq M. (2002); *Microbial studies on Nosocomial Infection in Hospital*; 43rd Annual Conference of A.M.I.; Hisar

24. **Nanoty V. D.**, Garode A. M. (2002); *Youth for sustainable Development with focus on water management*; National conference on management innovations for conservation of fresh water resources, forest & wild life with special emphasis on tribal areas; Umarkhed
25. Garode A. M., Agarkar S. V., **Nanoty V. D.** (2002); *Evaluation of drinking water quality of Chandai reservoir water*; National conference on management innovations for conservation of fresh water resources, forest & wild life with special emphasis on tribal areas; Umarkhed
26. **Nanoty V. D.**, Garode A. M. (2003); *Watershed management –Need for Sustainable Development*; National conference on management of water Resources: Emerging challenges, trends and solutions; Nanded
27. Garode A. M., **Nanoty V. D.**, Agarkar S. V. (2003); *Bacteriological status of drinking water in some villages of Buldhana district, Maharashtra*; National conference on management of water Resources: Emerging challenges, trends and solutions; Nanded
28. **Nanoty V. D.**, (2003); *Studies on Antibiotic and chlorine resistance in coliforms isolated from drinking water from various public places in Akola*; Microbes & human sustenance, 44<sup>th</sup> Annual Conference of A.M.I.; Dharwad
29. Bijwe P. P., **Nanoty V. D.**, Musaddiq M. (2004); *Studies on pathogenic isolates from pediatric patients with acute diarrheal disease*; National symposium on Developments in Biotechnology: Emerging trends and challenges and First BRSI Convention; Jalgaon
30. Ubale S., **Nanoty V. D.**, Musaddiq M. (2005); *Effect of Cow Urine distillate on few bacterial pathogens*; Micro-Biotech 2005, 46<sup>th</sup> Annual conference of AMI; Hyderabad
31. **Nanoty V. D.** (2006); *Health Communication*; national Conference on Vision 2026- Challenges in Science Communication; New Delhi
32. Banole A. M., **Nanoty V. D.**, Patel R. A. (2007); *Bacterial pathogens in different hospital environment: Alarming to critical situation*; National conference on Modern approaches & innovation in Biotechnology & Biodiversity conservation; Amravati
33. Pajia R. G., **Nanoty V. D.**, Musaddiq M. (2007); *Studies of different herbal extracts on Staphylococcus aureus isolated from pyogenic wound*; National conference on Modern approaches & innovation in Biotechnology & Biodiversity conservation; Amravati
34. Pajai R. G., **Nanoty V. D.**, Bhalekar U. K. (2007); *Effect of herbal extracts on clinical isolates of pyogenic wound*; National conference on Emerging trends in medical plants & their biotechnological advances; Nagpur
35. Khanzode. P. U., **Nanoty V. D.**, Musaddiq M. (2007); *Studies on Resistance pattern of clinical isolates from skin infections against beta-Lactum Antibiotics*; National seminar on Microbiological Developments and Biochemical Research; Nagpur
36. Paraskar D. R., **Nanoty V. D.**, Bhalekar U. K., Musaddiq M. (2009); *Isolation, Characterization & Comparison on root nodulation efficiency of different Rhizobium species found in different regions of Akola District & developing Rhizobium based biofertilizer*; 96<sup>th</sup> Indian Science Congress; Shillong
37. **Nanoty V. D.**, Banole A. (2010); *Study on Microbial load in the hospitals of Akola*; National Conference on Biotechnology for Better tomorrow; Akola
38. Malpani H. S., Bhalekar U. K., **Nanoty V. D.** (2010); *Antibiotic resistance: A matter of concern*; National Conference on Biotechnology for Better tomorrow; Akola

39. Joshi A. A., Musaddiq M., **Nanoty V. D.** (2010); *In vitro activity of Gatifloxacin against Pseudomonas aeruginosa from clinical isolates*; National Conference on Biotechnology for Better tomorrow; Akola
40. Citlange P. R., Bhalekar U. K., **Nanoty V. D.** (2010); *Bacterial cell phones-Do cell phones carry pathogenic organism*; National Seminar on Expanding Panorama of Microbiology; Mumbai
41. Malpani H. S., Bhalekar U. K., **Nanoty V. D.** (2010); *Multidrug resistant Pseudomonas aeruginosa & risk to the public health*; National Seminar on Expanding Panorama of Microbiology; Mumbai
42. Paraskar D. R., **Nanoty V. D.** (2010); *Comparative studies on root nodulation efficiency of Rhizobium strains found in soil & to find out effective strains that can be developed as biofertilizer*; National Seminar on Expanding Panorama of Microbiology; Mumbai
43. Banole A., **Nanoty V. D.** (2010); *Study in Microbial load & their antibiotic susceptibility pattern in the hospitals of Akola*; National Seminar on Expanding Panorama of Microbiology; Mumbai
44. Malpani H. S., **Nanoty V. D.** (2010); *Studies on aerobiological hospital monitoring & threat of antibiotic resistance*; 51<sup>st</sup> Annual Conference of Association of Microbiologists of India (AMI 2010); Ranchi
45. **Nanoty V. D.** (2011); *Presence of Pseudomonas on hospital equipments*; International Conference on Biotechnology for Better tomorrow; Osmanabad
46. Bhalekar U. K., **Nanoty V. D.**, Malpani H. S. (2011); *Antibiotic sensitivity pattern of Ofloxacin against non clinical isolates of Pseudomonas aeruginosa*; National Conference on Advances in Life sciences for sustainable rural development; Akola
47. Malpani H. S., **Nanoty V. D.**, Bhalekar U. K. (2011); *Surgical site infections: A matter of concern*; National Conference on Advances in Life sciences for sustainable rural development; Akola
48. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2011); *Oligodynamic attributes of Metal Nanoparticles in therapeutic development for bacterial cutaneous conditions*; National Conference on Advances in Life sciences for sustainable rural development; Akola
49. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2011); *Studies & applications of biomedical Nanoparticles as futuristic dermatological medication*; National Conference on Innovations in Bio-Sciences; Washim
50. Malpani H. S., **Nanoty V. D.**, Bhalekar U. K. (2011); *Operation theatres: A need to be operated*; National Conference on Innovations in Bio-Sciences; Washim
51. Budlani D. H., Musaddiq M., **Nanoty V. D.** (2011); *Physiochemical & Microbiological studies of water pollution in Bor river (Wardha river) of Amravati District from Maharashtra, India*; National Conference on Innovations in Bio-Sciences; Washim
52. Bhalekar U. K., **Nanoty V. D.**, Malpani H. S. (2011); *Prevalence of Pseudomonas in hospital air*; 52<sup>nd</sup> Annual Conference of AMI-2011, International Conference on Microbial Biotechnology for Sustainable Development; Chandigarh
53. Malpani H. S., **Nanoty V. D.**, Bhalekar U. K. (2011); *Intensive care units & pathogenic bacterial load*; 52<sup>nd</sup> Annual Conference of AMI-2011, International Conference on Microbial Biotechnology for Sustainable Development; Chandigarh

54. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2011); *In-vitro assessment of antibacterial susceptibilities of metal NPs: A nanomedical approach addressing challenges in treatment of primary & secondary bacterial skin diseases*; 52<sup>nd</sup> Annual Conference of AMI-2011, International Conference on Microbial Biotechnology for Sustainable Development; Chandigarh
55. Paraskar D. R., **Nanoty V. D.**, Bhalekar U. K. (2011); *Growth responses of Glycine Max L. inoculated with Rhizobium and phosphate solubilizer from saline belt of Akola District (India)*; 52<sup>nd</sup> Annual Conference of AMI-2011, International Conference on Microbial Biotechnology for Sustainable Development; Chandigarh
56. Gawali A. A., Musaddiq M., **Nanoty V. D.** (2012); *Determination of susceptibility rates and pattern in Pseudomonas aeruginosa related with nosocomial infection.*; 99<sup>th</sup> Indian Science Congress; Bhubaneswar
57. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2012); *Biomedical Implications of Metal Nanoparticles as key future therapeutic in treatment of bacterial skin treatment*; National Congress on “Stepping up with Bio scientific Technologies, Wardha
58. Sharma P. M., **Nanoty V. D.**, Bhalekar U. K. (2012); *Bactericidal effects of metal nanoparticles: A novel avenue in dermatological medication*; UGC sponsored International II<sup>nd</sup> World Congress for Man & Nature 2012 on Global change: Impact on Biodiversity, Culture & Technology; Nagpur, 3-5 November 2012
59. Paraskar D. R., **Nanoty V. D.** (2012); *To study effect of different salt concentration and pH on growth of PSB isolates from saline salt of Akola district*; UGC sponsored International II<sup>nd</sup> World Congress for Man & Nature 2012 on Global change: Impact on Biodiversity, Culture & Technology; Nagpur, 3-5 November 2012
60. Malpani H. S. , Bhalekar U. K., **Nanoty V. D** (2012); *Assessment of bacterial pathogens in hospital environments*; 53<sup>nd</sup> Annual Conference of AMI-2012, International Conference on Microbial world: Recent innovations and future trends; Bhubaneswar
61. Malpani H. S. , **Nanoty V. D** (2014); *Hospitals: A sick place which needs to be treated*; 55<sup>th</sup> Annual Conference of AMI-EMMT-2014;
62. Bhalekar U. K., **Nanoty V. D.**, Mhatre S. R. (2014); *Occurrence of multi-drug resistant Pseudomonas on hospital instruments*; 55<sup>th</sup> Annual Conference of AMI-EMMT-2014;
63. Mhatre S. R., **Nanoty V. D.**, Bhalekar U. K. (2014); *Studies on rhizospheric and non-rhizospheric bacterial flora around Ocimumtenuiflorum and Curcuma longa*; 55<sup>th</sup> Annual Conference of AMI-EMMT-2014;



# **BIO-DATA**

**Dr. Vijay Digambar Nanoty, Principal**  
**Shri R.L.T. College of Science, Akola**

- Dr. Vijay Digambar Nanoty Date of Birth 16<sup>th</sup> October, 1962
- Education Qualification M.Sc., Ph.D. (Microbiology)
- Teaching Experience 34 years U.G (20 years P.G.)
- Under his supervision 8 students awarded Ph.D.
- He completed one Minor and one Major Research Project funded by UGC
- Published 26 Research Paper
- Presented 60 papers in various conferences
- Besides this he was NSS Programme Officer for 12 years, NSS District co-ordinator for 6 years and presently he is a Member of NSS Advisory Committee of S.G.B.A.U., Amravati
- He is a Member of Board of Studies in the board of Microbiology from last 10 years. Also the Member of Examination Committee 32/5
- He was awarded with Best Programme Officer by SGBAU, Amravati.
- Got Rashtriya Vidya Saraswati Puraskar by International Institute of Education & Management, New Delhi
- Got Krutisheel Shikshak Puraskar
- Under his Principalship college has got 3 times "Swachh Bharat Swastha Bharat" award by S.G.B.A.U. Amravati.