

Department of Microbiology



Name: Dr. Dhanraj Nakade

Designation: Professor

Date of Birth: 05/07/1971

Contact Number: 9326622026

E-mail address: nakadedhanraj@gmail.com

Qualification: M.Sc., Ph.D.

Subject Specialization: Agricultural, Medical, Environmental Microbiology

Experience:

Teaching: Undergraduate: 27 Post graduate: 1 year

Research: 18 Years

Publications:

International: 1. Author(s) name, year of publication, Title of paper, Journal, volume, page no.

Sr. No.	Author(s) name	Title of paper	Journal Name, Page nos., Vol. no., Issue no., Year of publication
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1	Dr.Nakade D.B.	Biodiversity of actinomycetes in hypersaline soils of Kolhapur district and their screening as potential antibiotic producer, India	International Research Journal of Recent Sciences-(01), (2012) pp317-319 ONLINE
2	Dr.Nakade D.B.	Production of an antifungal Compound by halophilic Bacillus subtilis NA-17.	International Journal of Multidisciplinary Research and Advances in

			Engg. 4,II(April 2012) pp117-130 ONLINE
3	Dr.Nakade D.B.	Halophilic nitrogen fixing <i>Azotobacter chroococcum</i> N-21 And its use as a biofertilizer For saline soils.	Journal of Microbiology Biotechnology Research. April,2012,2(2):319-326 ONLINE
4	Dr.Nakade D.B.	Antibiotic sensitivity of Common bacterial pathogens Against selected quinolones.	International jo Journal Of biological sciences May(2012) 1(1), 77-79
5	Dr.Chonde SG Dr.Bhosale P. Dr.Nakade D.B.	Studies on physic-chemical Characteristics of waxed and Dewaxed pressmud and its Effect on waterholding capacity Of soil.	International jo Journal Of biological Sciences May(2012) 1(1), 77-79
6	Dr.Nakade D.B.	Studies on actinomycetes in Rankala lake of Kolhapur City and their screening as Potential antibiotic producer.	Journal of Pure and Applied microbiology 6(2) June 2012
7	Dr.Chonde SG Dr.Bhosale P. Dr.Nakade D.B.	Studies on degradation of Synthetic polymer Nylon 6 by Fungus <i>Trametes versicolor</i>	International Journal of Environmental

		NCIM 1086.	Sciences. 2(3)2012
8	Dr.Nakade D.B.	Assessment of Bacteriological Quality of Water in Kolhapur City of, Maharashtra, India	International Research Journal of Environment Sciences, Vol. 2(2), 63-65, February (2013)
9	Dr.Nakade D.B.	Potential halotolerant <i>Azospirillum brasilense</i> N-30 as a biofertilizer for saline soils	Acta Biologica Indica 2012, 1(2):225-230
10	Dr.Nakade D.B.	Diversity in Sugarcane (<i>Saccharum Officinarum</i>) Rhizosphere of Saline Soil,	<i>International Research Journal of Biological Sciences</i> , Vol. 2(2), 60-64, February (2013).
11	Dr.Nakade D.B.	Halotolerant <i>Azospirillum lipoferum</i> n-29 as a biofertilizer for saline soils	Journal of Pure and Applied microbiology, Vol.(6) 4 March (2013).
12	Dr.Nakade D.B.	Plant growth promoting potential of bacteria from Wheat rhizosphere of saline soils	Central European journal of experimental biology, 2013, 2 (1):1-6
13	Dr.Nakade D.B.	Phytochemical screening and Antibacterial Activity of Western Region wild leaf <i>Colocasia esculenta</i>	<i>International Research Journal of Biological Sciences</i> , Vol. 2(10), 1-6, October (2013)

14	Dr.Nakade D.B.	Cost effective method for production of ethanol from sugarbeet and its estimation by modified dichromate method.	Central European Journal of Experimental Microbiology , March 2014. Vol.3(1) pp 9-12
15	Dr.Nakade D.B.	Bioleaching of metals from waste printed circuit boards using halophilic Pseudomonas dechromaticans N-29	The International reviewer Vol.1(1),pp-12-14
16	Dr.Nakade D.B.	Detoxification of caffeine by halotolerant pseudomonas alcaligenes-n58	Central European Journal of Experimental Biology, 2020, 8 (1): 1-7
17	Dr.Nakade D.B.	Biodegradation and decolorization of reactive blue mr, using aspergillus and penicillium species isolated from textile effluent	Central European Journal of Experimental Biology, 2020, 8 (1): 20-36
18	Dr.Nakade D.B.	Recovery of Metal from Electronic Scrap (E-Waste) By Halotolerant Thiobacillus Cuprinus N-57	International Journal of Recent Scientific Research Research Vol. 11, Issue, 03 (C), pp. 37811-37814, March, 2020
19	Dr.Nakade D.B.	Biodiversity and Plant Growth Promoting Potential of Bacteria from Soybean Rhizosphere of Saline Soil	American Journal of Agriculture and Forestry 2020; 8(3): 77-80
20	Dr.Nakade D.B.	Antimicrobial Activity Of Trigonella Foenum-Graecum Seed Extract And Curd Against against common fungal pathogens Candida Albicans, Malassezia, And Aspergillus Niger.	JETIR April 2020, Volume 7, Issue 4
21	Dr.Nakade D.B.	Plant growth promoting potential and diversity of bacteria from rice rhizosphere of saline soil	IJETIR Jan.2021,Volume 8,Issue 1
22	Dr.Nakade D.B.	BIOREMEDIATION AND DECOLOURIZATION OF DISTILLERY SPENT WASH BY LACTOBACILLUS PLANTARUM ABSOS11	IJBPAS, March, 2021, 10(3): 1044-1057

23	Shinde Abjijit Dr.Nakade D.B.	SCREENING, ISOLATION AND IDENTIFICATION OF DISTILLERY SPENT WASH DECOLOURIZING BACTERIA FROM SOIL	BIOINFOLET 18 (1 A) : 90 - 94, 2021
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National: Nil

State level: Nil

Papers Presented in Conferences

Sr. No.	Name of Author/s	Title of Paper	Name of Symposia / Conference	Sponsoring Agency and Organizer.Level	Date and Level
1	Dr. D.B. Nakade	Vermicomposting and role of Microorganisms	Biotechnology for Rural Development	Shivaji University, Kolhapur MBSK college, Kadegao n,	29 th & 30 th Dec.2004. (State level)
2	Dr. D.B. Nakade	Studies on antibacterial pattern of Quinolones against common pathogens from Kolhapur city.	Microbiology Biotechnology for Sustainable Development,	Association of Microbiologists of India and Punjab University, Chandigarh	3 rd to 6 th Nov.2011. (International Level)
3	Dr. D.B. Nakade	Production and Characterization of antifungal compound from halophilic Bacillus subtilis NA-17	International congress on environmental research	ICER and SVNIT, Surat	15 th to 17 th Dec.2011 (International Level)
4	Dr. D.B. Nakade	Biodiversity of Actinomycetes in hypersaline soils of Kolhapur District and their screening as antibiotic producer	1 st International science congress association 2012	International Sci. Congress Association, Indore.	24 th to 25 th Dec.2011. (International Level)
5	Dr. D.B. Nakade	Bio-mining of copper using Halophilic Thiobacillus spp.N-9	Multi disciplinary approaches in applied Geology	UGC and Dept. of Earth Science, Govt. of India GKG Kolhapur and NIO Goa, from	20 th and 21 st Jan.2012. (International Level)
6		Halophilic Nitrogen fixing	Agro-Biotechnology	Ministry of	12 th and 13 th

	Dr. D.B. Nakade, Chonde S.G., Bhosale P.R.Raut P.D.	<i>Azotobacter chroococcum</i> and its use as a biofertilizer for saline soils	for sustainable development	Higher education, University of Ruhuna, University of Peradenia, University of Colombo	March2012. (International Level)
7	Chonde S.G., Bhosale P. R. Dr. D.B. Nakade, Raut P.D.	Degradation of synthetic polymer nylon-6 by fungus <i>Trametes versicolor</i> NCIM 1086'	Agro-Biotechnology for sustainable development	Ministry of Higher education, University of Ruhuna, University of Peradenia, University of Colombo	12 th and 13 th March2012. (International Level)
8	Bhosale P. R. Chonde S.G., Dr. D.B. Nakade, Raut P.D.	Studies on Physico-Chemical Characteristics of Waxed and Dewaxed Pressmud and its effect on Water Holding Capacity of Soil	Agro-Biotechnology for sustainable development	Ministry of Higher education, University of Ruhuna, University of Peradenia, University of Colombo	12 th and 13 th March2012. (International Level)
9	Dr. D.B. Nakade	Bioleaching of copper from low grade ore bornite using halophillic <i>Thiobacillus ferrooxidans</i> N-11	2 nd International science congress association2013	International Science Association and Bon College, Vrindavan, UtterPradesh	8 th and 9 th Dec. 2012. (International Level)
10	Dr. D.B. Nakade	Enumeration of total and fecal coliform in drinking water of Kolhapur city	Sustainable water resource development and management	Department of Environmental science, Shivaji University, Kolhapur and UGC, New Delhi,	20 th and 21 st Dec.2012. (International Level)
11	Dr. D.B. Nakade	Studies on plant growth promoting bacteria from Wheat rhizosphere of saline soils	Recent trends and future prospects in life sciences	UGC, New Delhi. and MGM college, Ahmedpur	27 th and 28 th Dec. 2012. (National Level)
12	Dr. D.B. Nakade	Biotransformation of a drug Albendazole using halotolerent <i>Bacillus subtilis</i> N-18	Current research in Chemical sciences	Department of Chemistry, Shivaji	22 nd and 23 rd Jan. 2013. (National Level)

				University, Kolhapur and UGC, New Delhi.	(Level)
13	Dr. D.B. Nakade	Detoxification of caffeine by halotolerant <i>Pseudomonas</i> spp- N53		DBF Dayanand college, Solapur and UGC, New Delhi.	30 th and 31 st Jan.2013. (National Level)
14	Dr. D.B. Nakade	” Studies on microbial transformation of a drug Albendazole using halotolerant <i>Arthrobacterspp</i> N-36	Challenges and opportunities in life sciences	UGC-SAP, DST-PURSE, New Delhi, Department of Microbiology, Shivaji University, Kolhapur and	8 th and 9 th Feb. 2013. (National Level)
15	Dr. D.B. Nakade	Studies on biodiversity of bacteria from Soybean rhizosphere of saline soils	Sacred grooves as repository for ethnomedicinal plants	UGC, New Delhi and Rajaram college, Kolhapur	1 st and 2 nd Feb 2013. (National Level)
16	Dr. D.B. Nakade	Studies on microbial transformation of a drug Albendazole using halotolerant <i>Brevibacterium</i> spp N- 76	Drug Designing and Discovery	UGC New Delhi and Devchand College, Arjunnagar, MS, India	6 th and 7 th Sept.2013 (National Level)
17	Dr. D.B. Nakade	Biotransformation of a drug Albendazole using halotolerant <i>Bacillus megaterium</i> N-71	Frontiers in Chemical and Biological Research	UGC New Delhi and PDVP college, Tasgaon, Dist. Sangli	23 rd and 24 th Sept.2013 (National Level)
18	Dr. D.B. Nakade	Plant growth potential and Diversity of Bacteria from Rice rhizosphere of saline soil	Biotechnology for better tomorrow-2013	Rajiv Gandhi Science center Mauritius and Microbiologist Society, India.	11 th and 12 th Nov.2013 (International Level)
19	Dr. D.B. Nakade	Biobleaching Of Copper From Low Grade Ore Covellite Using Halophillic <i>Thiobacillus Ferrooxidans</i> N- 13.	Innovations for human welfare-2013	International Science Association and Karunya	8 th and 9 th Dec.2013 (International Level)

				University, Tamilnadu	
20	1) Dr. D.B. Nakade 2) Jadhav P 3)Waghela V.	Antifungal Activity Of Trigonella Foenum-Graecum Seed Extract And Curd Against <i>Candida Albicans</i> , <i>Malassezia</i> ,And <i>Aspergillus Niger</i> .	Innovations for human welfare-2013	International Science Association and Karunya University, Tamilnadu	8 th and 9 th Dec.2013(International)
21	Dr. D.B. Nakade	Plant Growth Promoting Potential And Diversity Of Bacteria From Vigna Mungo (Black Gram) Rhizosphere Of Saline Soil	Plant biotechnology for agricultural development and human welfare-2013	C.B. Khedgis Science college, Akkalkot	18 th and 19 th Dec.2013 National
22	1.Dr.D.B.Nakade 2.Shah S. 3.Gulawani 4.S.Dhavale P.	Production of ethanol from <i>Beta Vulgaris</i> and its estimation by modified dichromate method	Modern Analytical Techniques in Microbiology-2014	DBT Govt. of India and Fergusson college, Pune	17 th and 18 th Jan.2014 National
23	1)Dr.D.B.Nakade 2) Khot S. 3) Kulkarni P.	Method for detection and Prevention of EPEC in common vegetables from retail market in Kolhapur city of India	Modern Analytical Techniques in Microbiology-2014	DBT Govt. of India and Fergusson college, Pune	17 th and 18 th Jan.2014 National
24	Dr. Nakade D.B.	Recovery of Metals from Electronic Scrap (E-Waste) By Halotolerent <i>Thiobacillus cuprinus</i> N-57”	National Conference on Sustainability, Society &Environment (SSE-2014)	University of Mumbai, Ratnagiri Sub-Center In association with ICSSR	14 th March-2014 National
25	Dr.D.B.Nakade	Convener and organizing secretary	National conference on Recent Trends and future prospects in multidisciplinary approaches in Microbiology	Rajaram college,Kolhapur.	4 th and 5 th October 2014. National
26.	Dr.D.B.Nakade	BIORECOVERY OF METALS FROM WASTE PRINTED CIRCUIT BOARDS (E-WASTE) USING HALOPHILLIC <i>Pseudomonas dechromaticans</i> N-18	National conference on Materials for future technology	Rajaram college,Kolhapur.	26 th and 27 th September 2014 National
27	Dr.D.B.Nakade	Studies on production and	National conference on Recent Trends and future	Rajaram college,Kolhapur.	4 th and 5 th October

		chacterization of grape wine.	prospects in multidisciplinary approaches in Microbiology		2014. National
28	Dr.D.B.Nakade	Azotobacter spp from lonar lake of India as a potential candidate for biofertilizer production	National conference on Recent Trends and future prospects in multidisciplinary approaches in Microbiology	Rajaram college,Kolhapur.	4 th and 5 th October 2014. National
29	Dr. D.B.Nakade	Micobial degradation and decolourization of reactive blue,MR	National conference on Recent Trends and future prospects in multidisciplinary approaches in Microbiology	Rajaram college,Kolhapur.	4 th and 5 th October 2014. National
30	Dr.D.B.Nakade	Studies on Nattokinase from halotolerent <i>Bacillus subtilis</i> NBP-2	National conference on Recent Trends and future prospects in multidisciplinary approaches in Microbiology	Rajaram college,Kolhapur.	4 th and 5 th October 2014. National
31	Dr.D.B.Nakade	Microbial degradation of synthetic polymer nylon6,6	National conference on Recent Trends and future prospects in multidisciplinary approaches in Microbiology	Rajaram college,Kolhapur.	4 th and 5 th October 2014. National
32	Dr.D.B.Nakade	Isolation and Characterization of <i>B. stearothermophilus</i> from compost pit for amylase production	National conference on Recent Trends and future prospects in multidisciplinary approaches in Microbiology	Rajaram college,Kolhapur.	4 th and 5 th October 2014. National
33	Dr.D.B.Nakade	Production and Characterization of Pullulan from Halotolerent <i>Aureobasidium Pullulans</i> -N 5.	International conference on Biotechnology and Bioengineering.	BITS-Dubai	29 th and 30 th October 2014
34	Dr.D.B.Nakade	Microbial transformation of a drug Albendazole using halotolerent <i>Arthrobacter</i> spp N-79.	International conference on Biotechnology and Bioengineering.	BITS-Dubai	29 th and 30 th October 2014
35	Dr.D.B.Nakade	Convener	International conference on Biotechnology and Bioengineering.	BITS-Dubai	29 th and 30 th October 2014
36	Dr.D.B.Nakade	Chair person	International conference on Biotechnology and Bioengineering.	BITS-Dubai	29 th and 30 th October 2014
37	Dr.D.B.Nakade	Microbial leaching of copper from low grade ore chalcocite using halotolerent	International conference on Global Research: Enhancement, Reforms	International ScienceCongress Association Pacific University,	8 th and 9 th December 2014

		thiobacillus ferroxidans, N-7	and Commercialization	Udaipur, Rajasthan	
38	Dr. Nakade D.B.	Biodegradation and Decolorization of Reactive Blue MR, using Pseudomonas luteola. species isolated from textile dye effluent contaminated soil	International conference on Global Research: Enhancement, Reforms and Commercialization	International Science Congress Association Pacific University, Udaipur, Rajasthan	8 th and 9 th December 2014
39	Dr. Nakade D.B.,	Biodegradation of degradation of synthetic polymer nylon 6 by pseudomonas putida	International conference on Global Research: Enhancement, Reforms and Commercialization	International Science Congress Association Pacific University, Udaipur, Rajasthan	8 th and 9 th December 2014
40	Dr. Nakade Dhanraj,	Production, purification and Characterization of nattokinase from bacillus subtilis, isolated from saline Soils of kolhapur district of maharashtra, india	International conference on Global Research: Enhancement, Reforms and Commercialization	International Science Congress Association Pacific University, Udaipur, Rajasthan	8 th and 9 th December 2014
41	Dr.D.B.Nakade	Sectional President	International conference on Global Research: Enhancement, Reforms and Commercialization	International Science Congress Association Pacific University, Udaipur, Rajasthan	8 th and 9 th December 2014
42	Dr.D.B.Nakade	Decolorization and Degradation of Reactive Blue using Bacillus subtilis isolated from textile dyeing industrial effluent	International conference on Emerging trends in Basic and Applied Sciences	Karmaveer Hire college and OEC research center Chonnam University South Korea.	10 th March 2015
43	Dr.D.B.Nakade	Degradation of Caffeine by halotolerant <i>Micrococcus luteus</i> N-48	International conference on Ethical prospects: Economy, Society and Environment	University of Mumbai Ratnagiri sub-centre and ICSSR-WRC Mumbai	13 th and 14 th March 2015
44	Dr.D.B.Nakade	Evaluation of Bacillus cereus as a potential candidate for Degradation and Decolorization of Reactive Blue dye used in textile industry.	International conference on Contemporary research in Chemical and Life sciences-2015	SGM College, Karad	22 nd and 23 rd April 2015
45	Dr.D.B.Nakade	Biofuel from Beta vulgaris - an alternate substrate to sugarcane and its estimation by modified dichromate method.	International science congress association	Hutatma Rajguru Mahavidyalaya, Pune, Maharashtra, India	8 th and 9 th Dec.2016

Text Books / Reference book:

Sr.No.	Name of the Book	Publisher	Year of Publication	ISBN Number
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1	Clinical Microbiology and Chemotherapy	PrarupPublications,Hatkanangale	2014	978-8192-7211-69
2	National Conference Proceeding Chief Editor	PrarupPublications,Hatkanangale	2014	978-81-9272-1192
3	Microbes of Hypersaline soils	PrarupPublications,Hatkanangale	2015	978-81-9272-1139

Projects:

Title Of Project	Funding Agency	Funds Received	Type	Supervisory Status
"Production and Characterization of Antifungal compound from Halophilic Bacillus subtilis NA-17"	UGC	Rs. 46,000/-	Minor Research Scheme	Principal Investigator

Awards:

1.	Fellow Award Of International Science Congress Association- 2011
2.	Excellence award for organization of State level competitions in Life Sciences, Organized by Science association of Rajaram College, Kolhapur,2013.
3.	Best Microbiologist Award , Microbiologist Society India,2014.
4.	Best Paper presentation award , ISCA-2014.

Dr.Nakade Dhanraj Bapurao