

## BIO-DATA

1. Name and full correspondence address  
**Dr. Wankhede Nilesh Namdeorao,  
Technical & Applied Chemistry Department,  
VJTI, Matunga, Mumbai, 400 019**

2. Email(s) and contact number(s)  
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3. Institution  
**VJTI, Matunga, Mumbai, 400 019**

4. Date of Birth : 05/03/1978

5. Gender (M/F/T) : Male

6. Category Gen/SC/ST/OBC : SC

7. Whether differently abled (Yes/No) : No

8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	Bachelor's Degree	1999	Phys, Chem, Computer Science	Dr. B.A.M.University Aurangabad	65.14 %
2.	Master's Degree	2001	Inorganic Chemistry	Dr. B.A.M.University Aurangabad	60.83 %
3.	Doctor's Degree	2007	Chemistry	Dr. B.A.M.University Aurangabad	--
4.					

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.  
Ph.D thesis title "Studies on physico-chemical properties of liquid-liquid mixtures"  
under the supervision of Dr. B. R. Arbad, Professor, Dept. of Chemistry, Dr. Babasaheb  
Ambedkar Marathwada University, Aurangabad,  
Year of award:2007

10. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1	Lecturer	VJTI, Mumbai	11/01/2008	Till date	15600-39100(5000)

11. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No	Name of Award	Awarding Agency	Year
1	University Junior Research Fellowship (UJRF)	Dr. B.A.M.University Aurangabad	<b>Two years 2002-03, 2003-04</b>

12. Publications (*List of papers published in SCI Journals, in year wise descending order*).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	D. S. Wankhede, N. N. Wankhede, M. K. Lande, B. R. Arbad	Viscosity behaviour of some oxygen containing compounds,	Int. J. Thermophys	31	2239	<b>2010</b>
2	D. S. Wankhede, N. N. Wankhede, M. K. Lande, B. R. Arbad	Densities and ultrasonic velocities of some oxygen containing compounds,	J. Mol. Liquids	138	124	<b>2008.</b>
3	Dnyaneshwar Wankhede, Nilesh Wankhede, Machhindra Lande And Balasaheb Arbad	Densities and viscosities of propylene carbonate with aromatic hydrocarbons (benzene, 1,4-dimethylbenzene and ethylbenzene) at 288.15, 298.15 and 308.15 K.,	Phys. Chem. Liq.	46	319	<b>2008.</b>
4	D. S. Wankhede, N. N. Wankhede, M. K. Lande and B. R. Arbad	Ultrasonic velocities and refractive indices of binary mixtures of propylene carbonate + n-alkanols at 298.15, 303.15 and 308.15 K.,	Indian J. Pure & Appl. Phys	44	917	<b>2006</b>
5	N. N. Wankhede, D. S. Wankhede, M. K. Lande and B. R. Arbad	Molecular interactions in (2,4,6-Trimethyl-1,3,5-trioxane + n-alkyl acetates) at T = 298.15, 303.15 and 308.15 K.,	J. Chem. Thermodyn	12	<b>1664</b>	2006.
6	N. N. Wankhede, D. S. Wankhede, M.	Densities and ultrasonic velocities of binary mixtures of 2, 4, 6-Trimethyl-1, 3, 5-trioxane + n-alcohols at	Ind. J. Chem. Tech.	13	149	<b>2006.</b>

	K. Lande and B. R. Arbad	298.15, 303.15 and 308.15 K.,				
7	Balasaheb R. Arbad, Machhindra K. Lande, <b>Nilesh N. Wankhede</b> and Dnyaneshwar S. Wankhede	Viscosities, Ultrasonic Velocities at (288.15 and 298.15) K and Refractive Indices at 298.15 K of Binary Mixtures of 2, 4, 6-Trimethyl-1, 3, 5-trioxane with Dimethyl Carbonate, Diethyl Carbonate and Propylene Carbonate,	J. Chem. Eng. Data	51	68	<b>2006.</b>
8	D. S. Wankhede, <b>N. N. Wankhede</b> , M. K. Lande and B. R. Arbad	Molecular interactions in Propylene carbonate + n-alkanols at 25 <sup>0</sup> C,	J. Sol. Chem	34	233	<b>2005.</b>
9	<b>Nilesh N. Wankhede</b> , Machhindra K. Lande and Balasaheb R. Arbad	Excess Molar Volume And Viscosity Deviations Of Binary Mixtures Of 2, 4, 6-Trimethyl-1, 3, 5-Trioxane + Ethanol, 1-Propanol And 1-Butanol At (298.15, 303.15 And 308.15) K.,	J. Chem. Eng. Data	50	969	<b>2005</b>
10	Agale, P., <b>Wankhede, N.</b> , Bhave, P., and Mhaske, S.	Environmental and Water Resources in Developing Countries: Development of Micro Irrigation Facility at Parsoda Village,	Proceeding <b>World Environmental and Water Resources Congress 2009, Kansas City, Missouri, USA May 2009</b> , Sponsored by the Environmental and Water Resources Institute of ASCE	Vol, 6'	3852	<b>2009</b>
11	Vibhavari Jadhav*, Sujatha Parmeshwaran, Y. R. Suryawanshi, <b>N. N. Wankhede</b>	Phytochemical screening of crude extract from Indian medicinal plants: preliminary study.	Proceeding <b>Virtual International Conference on Advances in Chemistry and Chemical Engineering 2021 Sardar Vallabhbhai National Institute of</b>	Vol 1	205	<b>2021</b>

			<b>Technology, Surat (Gujarat) India, 16-17 April 2021</b>			
12	<b>N. N. Wankhede</b>	<b>Book Title: Advances in Science and Technology</b>	Nex Gen Publications <b>ISBN: 978-81- 19477-08-01</b>	Vol 1	112	<b>2023</b>

### Consultancy Projects Completed

Sr. No.	Title	Agency	Year of completion	Whether CO-PI	Grant /Amount Mobilized (Rs. Lakh)
1	Quality Assurance of materials: Bitumen, Mastic, Lime stone and APP Membrane	Laybond Construction Pvt. Ltd	2018-20	CO investigator	19,09,114
2	Quality Assurance of materials: Textile, polymeric, PVC material	G. S. N. Associates	2018-20	CO investigator	19,51,700
3	Quality Assurance of materials: Epoxy Paints, CPCC Chemicals and CPCC rods	Mahavir Chemicals	2018-20	CO investigator	19,17,864
4	Quality analysis and quality assurance for establishing correct identity of construction chemicals and their rightful classification for excise	Perma Constructions Aids Pvt ltd	2018-20	CO investigator	19,15,500

13. Any other Information (maximum 500 words)

Sl. No.	Type of Activity	Details
1	Co Guide for PhD degree course.	<b>Student name :</b> Prabhakar Shetty <b>Title of research:</b> Design and Synthesis of Sulphur and Oxygen-containing heterocyclic chalcones as a Antiproliferative and Anticancer agents on the different cancer cell
		<b>Student name :</b> Vibhavari Rathod <b>Title of research:</b> To study the medicinal effects of phytochemicals on chronic diseases
2	Conferences and workshops	Conferences: National = 12; International = 02 Workshops/FDP: TEQIP/AICTE=08 CEP/GIAN=02
3	Lectures Delivered/Papers presented	Conferences: National = 06; International = 01 Workshops/FDP: TEQIP/AICTE=03
4	Current Activities	Currently working as Head of Diploma Course, Diploma in Chemical Engineering, Technical & Applied Chemistry Department, VJTI
5	Teaching activities	FY Engineering Degree and Diploma: Applied Chemistry; SY Engineering Diploma: Inorganic & Phy Chemistry; FY M Tech Environmental Engineering: Environmental Chemistry
6	Contribution to Educational innovation	Created and Used Computer aided methods like Power point and Multimedia in delivering lectures for PG, UG, Diploma courses

7	<b>Contribution to designing of new courses</b>	Currently worked as member in revision of syllabus of Chemistry/applied Chemistry of FY Degree & Diploma Engineering Course.
		Worked as committee member in design of New Syllabus for Interdisciplinary course in Nanotechnology for M Tech course.
8	<b>Contribution to Institutes Administration</b>	Worked as Chairmain/Admission Incharge of Institute and Application Receiving Centre (ARC) Coordinator for State level FY Diploma Centralised Admission process (CAP) by Directorate of Technical Education (DTE) Maharashtra State.
		Working as a Departmental Coordinator for Diploma Convocation
9	<b>Co-curricular and extra-curricular activities carried out</b>	Working as President of CHEMSA (Chemistry student Association) an organisation having members from present and past batches of various courses at Technical & Applied Chemistry Department(Courses: Technical Chemistry, Food Drugs & Cosmetics, Paint Technology), VJTI.
		Working as a Advisory member for NGO ECO NEED'S FOUNDATION for Environmental Awareness
		Working as member of Bhujan Karmachari va Vidhyarthi Welfare Association, VJTI.
10	<b>Consultancy work carried out</b>	Involved in testing of samples such as cement, polymers /paints, wood composites etc from various industries for their commercialisation leading to generation of annual Rs. 10, 00,000 revenue to the Institute.