


Name of the faculty member	Date of Joining	Teaching experience	Photo
Dr. Sandip Balkrishna Nahire	21/11/2011	13 yrs	

Faculty Member Profile:

Name of the Faculty: Dr. Sandip Balkrishna Nahire

Designation: Assistant Professor

Name of the department: Chemistry

Email: nahiresandip@gmail.com

Qualification: M.Sc. NET SET Ph.D.

Administrative Experience: Paper setter and Moderator of M.Sc. Physical Chemistry

Teaching Experience: 13 yrs

Awards/ Recognitions: PG teacher and Ph.D. Guide recognition

Research Guidance for M. Phil/Ph.D/ Project: - 4 M.Sc. projects

Contribution as referee: Nil

Research projects: Nil

Reviewer of Journals: Nil

Member of Editorial Board: Nil

Research paper published:

Sr. No	Name of the Author	Title of the paper	Name of the Journal	ISSN No.	Vol., Issue , Year	National/ International / State/ Other
1	Ranjith Vellacheria , Sreekuttan	Pt–MoOx-carbon nanotube redox couple based	Electrochimica Acta	0013 - 4686	55, 8 (2010)	International

	M. Unnia, <b>Sandip Nahire</b> , Ulhas K. Kharul	electrocatalyst as a potential partner with polybenzimidazole membrane for high temperature Polymer Electrolyte Membrane Fuel Cell applications				
2	Ramesh R. Pawar, <b>Sandip B. Nahire</b> , and Mehdi Hasan	Solubility and Density of Potassium Iodide in Binary Ethanol-Water Solvent Mixture at (298.15, 303.15, 308.15, and 313.15) K	J. Chem. Eng. Data	0021 - 9568	54, 2009	International
3	Rupesh S. Bhavsar, <b>Sandip B. Nahire</b> , Mrunali S. Kale, Shubhangi G. Patil, Pradnya P. Aher, Ritesh A. Bhavsar, Ulhas K. Kharul	Polybenzimidazole s Based on 3,30-Diaminobenzidine and Aliphatic Dicarboxylic Acids: Synthesis and Evaluation of Physicochemical Properties Toward Their Applicability as Proton Exchange and Gas Separation Membrane Material	Journal of Applied Polymer Science	1097 - 4628	120, 2011	International
4	<b>Sandip B. Nahire</b> , Ramesh R.Pawar	Measurements of Solubility of potassium iodide in mixed water + methanol binary mixtures and study of solution thermodynamics and solvation parameters at 298.15.303.15, 308.15, and 313.15 K	Scholar World	2319 - 5789	2015	International

5	Satish A. Ahire, <b>Sandip B. Nahire</b> R R Pawar	Measurement on solubility and density of benzoic acid in water, ethanol and their solvent mixtures at various temperatures and its thermodynamics parameter	Researchers world	2229 - 4686	7, 4(4), 2016	International
6	Kiran S. Bachhav, <b>Sandip B. Nahire</b> & Ramesh R.Pawar	Solution Thermodynamics of Potassium Bromide in Water, Ethanol and their Binary Mixtures at Various Temperatures	Researchers world	2229 - 4686	7, 4(4), 2016	International
7	<b>Ramesh R. Pawar,</b> Sachin S. Kale, Atul S. Kale and <b>Sandip B. Nahire</b>	Density and excess molar volumes of water-methanol binary mixtures at (293.15 to 313.15) k	International journal of current advanced research	2319 - 6475	6,(10), 2017	International
8	<b>S. B. Nahire,</b> R. R. Pawar	Solubility, Solution Thermodynamics And Dft Study Of Glutaric Acid In Water, Methanol And Their Binary Mixtures At Various Temperatures	International Journal of Research and Analytical Reviews	2348 - 1269	6 (2) 2019	International
9	<b>R. R. Pawar,</b> <b>S. B. Nahire</b>	Solubility correlation and thermodynamic analysis of glutaric acid in binary solvents	Journal of Advanced Scientific Research	0976 - 9595	10 (3) 2019	International
10	R. R. Pawar <b>S. B. Nahire</b>	Measurement, Correlation and DFT study for Solubility of Glutaric acid in Water+Ethanol	Asian J. Research Chem	0974 - 4169	13(3) 2020	International

		binary solvents at T = (293.15 to 313.15)K				
11	R. R. Pawar <b>S. B. Nahire</b>	Investigation, Correlation and DFT study for solubility of Malonic acid in water + methanol and water + ethanol binary solvents at T = 293.15 to 313.15 K	Research J. Pharm. and Tech.	0974 - 3618	14(3) 2021	International
12	<b>Sandip B. Nahire</b>	Solubility, Molecular Interactions Through Dft Study Of Malonic Acid In Water, 1-Propanol And Their Binary Mixtures At T= 293.15- 313.15K	Journal of Advanced Scientific Research	0976 - 9595	12(2) 2021	International
13	<b>S.B.Nahire</b> and R.K.Pawar	Pimelic Acid Solubility in Pure and Mixed Solvent (Water + Methanol): Experimental Data, Correlation and Thermodynamic Analysis	Asian Journal of Organic & Medicinal Chemistry	2456 - 8937	7(2) 2022	International
14	<b>Sandip B. Nahire</b>	Solubility Study and Thermodynamic Analysis of Pimelic acid in water	Research J. Science and Tech.	2349 - 2988	14 (4) 2022	International
15	<b>Sandip B. Nahire</b>	The study of Vedic culture	International Journal of Advance and Applied Research	75- 76	Oct. 2023	International

16	<b>S.B.Nahire</b> , <b>R.K.Pawar</b>	Solubility measurements, correlations, DFT and thermodynamic study of Succinic acid in water, methanol and water-methanol binary mixtures at 293.15 K to 303.15 K	Journal of Technology	278-291	12 (9) 2024	International
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Book/ Chapter in Book/ Editor:

Sr. No.	Name of the Author	Title of the Book	Name of the Chapter	ISBN No.	Year	National/ International / State/ Other	Name of the Publisher
1	Dr.Pankaj Pawar, Dr Narendra Dokhe, Dr Sandip Pathade, <b>Dr.Sandip Balkrishna Nahire</b>	Research trends in multidisciplinary research	Research Methodology	978-93-5570-307-1	2022	National	AkiNik Publication
2	Dr.Pankaj Pawar, Dr Narendra Dokhe, Dr Sandip Pathade, <b>Dr.Sandip Balkrishna Nahire</b>	"Advances in Chemical Sciences (Volume - 7)	"The Potent Pharmacological Profile of Pyrazoline Derivatives"	978-93-5834-356-4.	2024	International	Integrated Publications

Research paper Presented:

Sr. No.	Title of the paper	Title of Conference/ Seminar	Duration	Place	National/ International/ State/ Other
1	Measurement and correlation for solubility of glutaric acid in	National conference on multidisciplinary research and	5-6 Jan 2020	SPDM Arts science com	National

	water-ethanol binary solvent	innovation in science and technology-2020		college, Shirpur	
2	Pimelic acid solubility in pure and mixed solvent (water + methanol): Experimental data, correlation and thermodynamic analysis	International e-conference on Current Research in Chemistry and Nanosciences (CRCNS-2022)	10-20 Jan 2022	LVH Arts science college, Panchavati, Nashik	International
3	Molecular interaction and solubility study of Pimelic acid in water, ethanol and their binary mixture	International Conference on 'Advanced Materials for Physical, chemical and biological applications	3-4 March 2023	Karmaveer Bhaurao Patil College Vashi, Navi Mumbai	International

Confereference / Seminar/ Workshop attended:

Sr. No.	Title of Conference/ Seminar/ Workshop	Name of organization	Seminar/Conference / Workshop/ Symposium	Duration	Place	National/ International / State/ Other
1	Innovations in chemistry- Laboratory to society	School of chemical science, NMU Jalgaon	Conference	11/03/2023	Jalgaon	National
2	Resent Trends in spectroscopy	Arts Science commerce college Surgana	Seminar	16/01/2015	Surgana	State

**E-content Developed and YouTube link:** <https://youtube.com/@dr.sandipbnahire6522>

**Social Media Links:**

Google Scholar ID: <https://scholar.google.com/citations?user=CF7ttFoAAAAJ&hl=en>

Research gate ID: <https://www.researchgate.net/profile/Sandip-Nahire>

Orcid ID: <https://orcid.org/0000-0001-9274-2594>