

Name of the Faculty: Dr. Atul Shivaji Kale

Designation: Assistant Professor

Name of the department: Chemistry

Email: atulkalemalegaon@gmail.com

Qualification: M.Sc, B.Ed., NET, SET, GATE, Ph.D.

Teaching Experience: 9 Years

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	Atul S.Kale, Sachin S. Kale, Ramesh R. Pawar	Imidazole, its derivatives and their importance: a review	International Journal of Current Advanced Research	2319-6475	5(5), pp 906-911, 2016	International
2	Atul S.Kale, Ramesh R. Pawar Sachin S. Kale	Solubility of Salicylamide in (n-Propanol, Water) and Their Binary Solvent Mixtures at T=(288.15 to 313.15)K	Research Journal of Pharmacy and Technology	0974-3618	14(1), pp 579-582, 2021, https://doi.org/10.5958/0974-360X.2021.00104.9	International
3	Atul S. Kale Sachin S. Kale	Aspirin: a review of its extensive medicinal importance	Journal of Interdisciplinary Cycle Research	0022-1945	XIII(III), pp 325-334, 2021	International
4	Atul S. Kale Sachin S. Kale	Qualitative determination of secondary metabolites of tridax procumbance Linn leaves	European Journal of Pharmaceutical and Medical Research	2394-3211	4(9), pp 470-473, 2017	International
5	Atul S. Kale, Ramesh R. Pawar Sachin S.	Density and Excess Molar Volumes of Water-	International Journal of Current Advanced	2319-6505	6(10), pp 6657-6659, 2017	International

	Kale Sandip B. Nahire	Methanol Binary Mixtures at (293.15 to 313.15)K	Research			
6	Atul S. Kale Ramesh R. Pawar Sachin S. Kale	Density, Excess Molar Volumes of Water-Ethanol Binary Mixtures at Various Temperatures	IJSRST	2395-602X	3(10), pp 96-100, 2017	International
7	Atul S. Kale Ramesh R. Pawar Sachin S. Kale	Solubility and Thermodynamic Functions of Imidazole in Pure Solvents and Their Binary Mixtures at (293.15 to 313..15)K	IJSRSET	2394-4099	4(4), pp 1554-1561, 2018	International
8	Ramesh R. Pawar Atul S.Kale Sachin S. Kale	Solubility and Thermodynamic Functions of Acetanilide in n-Propanol + Water Mixtures	IJRAR	2349-5138	6(2), pp 175-180, 2019	International
9	Ramesh R. Pawar Atul S.Kale Sachin S. Kale	Solubility of Salicylamide in Pure and Binary Solvent Mixtures of Water and Methanol	AMIERJ	2278-5655	VIII(XVII(A)), pp 118-121, 2019	International
10	Sachin S. Kale Ramesh R. Pawar Atul S.Kale	Impact of 1,2,4-triazole and their derivatives in medicinal chemistry: a review	Journal de Afrikana	2411-1376	4(1), pp 394-408, 2017	International
11	Ramesh R. Pawar	Solubility of Acetanilide in pure and mixed solvents at	IJSTR	2277-8616	9(2) pp 5404-5407. 2020	International

		288.15 to 313.15 K and its correlation with thermodynamic model				
12	Atul S. Kale, Sachin S. Kale	A Review on versatile applications of heterocyclic compounds	Mukt Shabd Journal	2347-3150	XI (V), pp 690-694, 2022	International
13	Atul S. Kale	A review on the significant role of chemistry during the covid-19	Vidyawarta peer reviewed international journal	2319-9318	Special Issue, August 2022	International

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	Atul S. Kale, Sachin S. Kale	Multidisciplinary Subjects for Research-X	A review on water quality estimation by physicochemical parameters	978-1-312-60839-9	2020	International	Red'shine publication

Research paper Presented:

Sr. No.	Title of the paper	Title of Conference/ Seminar	Duration	Place	National/ International/ State/ Other
1	Solubility of salicylamide in pure water, methanol and their binary solvent mixtures at (293.15 and 29.15) K	Multidisciplinary research & innovation in science & technology- 2020	5 th & 6 th January, 2020	Arts, Commerce & Science College, Shirpur	National
2	Solubility of acetanilide in pure water and octanol at various	Current Research in Chemistry and Nanosciences (CRCNS-2022)	18 th to 20 th January 2022	Loknete Vyankatrao Hiray Arts, Science and Commerce	International

	temperatures			College, Panchavati, Nashik- 422003	
3	Solubility Of Benzoic Acid In Pure And Water- Methanol Binary Mixed Solvent	Advances in science and technology	9 th & 10 th March 2022	Rajashri Chatrapati Shahu College, Kolhapur	International

Conference / Seminar/ Workshop attended:

Sr. No.	Title of Conference / Seminar/ Workshop	Name of organization	Seminar/Conference/ Workshop/ Symposium	Duration	Place	National/ International/ State/ Other
1	Innovation thinking in science and technology	Yashwantrao mohite college of Arts, Science and Comm., Pune	Conference	23 rd Feb. 2021	Online	International
2	ICT Tools for chemistry teachers	SGTB Khalsa College, under PMMMNMTT)	Workshop	22 nd Feb. 2021	Online	National
3	Emerging trends & Challenges in Chemical Sciences	Baburaoji Adaskar Mahavidyalaya , Kaij, Beed	Conference	10 th March 2021	Online	International
4	Recent Advances in Chemical, Physical and Biological Sciences	Nabira Mahavidyalaya , Katol	Conference	29 th & 30 th June 2021	Online	International
5	Echoes of COVID-19 on human health: present and future therapeutic landscape	S.S. Jain Subhod P.G. College, Jaipur	Conference	11 th & 12 th August 2021	Online	International

6	Advances in chemical sciences and sustainable development	B.N. Bandodkar College of science, Thane	Conference	6 th March 2021	Online	Natioanl
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Sr.No	Class	ppt link
1	F.Y.B.Sc.	https://classroom.google.com/c/NDUyMzgzOTEyODc1/m/NDc3ODE00T AwNDYz/details
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2	T.Y.B.Sc.	https://drive.google.com/file/d/1ExhK0ZfLSr8U3w3H3uswIawW_r0FVFZh/view?usp=sharing
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