

Teacher Profile



Sopan Karbhari Kushare

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Personal Information:

- Name : **Sopan Karbhari Kushare**
- Date of Birth : **02/06/1964**
- Nationality : **Indian**
- Present Position : **Principal**
- Experience : **33Years**
- Marital Status : **Married**
- Area of Research : **Physical Chemistry**
- Vidwan ID : **346179**
- Orchid ID : **0000-0002-7905-9595**

Educational Details:

Degree / Diploma	College/University	Year of Passing	Percentage Marks/CGPA	Class
Ph. D	Shivaji University, Kolhapur	2007	Awarded	
M. Sc (Physical Chemistry)	Savitribai Phule Pune University	1988	64.50	First Class
B.Sc. (Chemistry)	Savitribai Phule Pune University	1986	72.50	Distinction

Thesis / dissertation / Project:

Degree	Name of the Guide	Title
Ph.D.	Dr. K. J. Patil	Volumetric & Compressibility Studies of Water Dissolved in Polar and Non-polar Solvents at 298.15K

Teaching Experience (32Years):

Organization	Duration	Designation	Total Experience
Maratha Vidya Prasarak Samaj Nashik	08 Dec.1988 to 16 May 2022	Associate Professor	32Year
	17 May 2022 till date	Principal	1 Year

Research Paper Publications:

- SK Kushare**, VR Shaikh, DH Dagade, KJ Patil, Studies of the Effect of Urea on PEG-4000 Polymer–Water Interactions at 298.15 K., *Journal of Chemical & Engineering Data* 64 (6), 2341-2349, [2019]
- SK Kushare** , KJ Patil , Behavior of water in primary glycols at T = 298.15K., *IJRAR*, Volume 6, Issue 1, [2018]
- Ramhari V. Rote, Manohar K. Jopale, Bhausaheb K. Ghotekar, Balasaheb P. Pagar, **Sopan K. Kushare**,
Chemospecific Alkylation of 4-Amino Cytosine at N-1 Position by Using Lewis Acid Catalysts. *Scholarly Research Journal for Interdisciplinary Studies.*, ISSN: 2319-4766, Vol-6 Issue - 11, P-216-219, [2017]
- Ravindra R. Zoman, **Sopan. K. Kushare**, The Effect of Ajinomoto (MSG) on Thermodynamic Properties of Aqueous Solutions of Dextrose at Various Concentrations at 303.15 K. *Scholarly Research Journal for Interdisciplinary Studies .*, ISSN: 2319-4766, Vol-6 Issue - 11, P-204-208, [2017]
- Bhausaheb K. Ghotekar, Balasaheb P. Pagar, **Sopan K. Kushare**, Ramhari V. Rote, Manohar K. Jopale, 4-amino-3-benzyl-2-oxo-2, 3-dihydropyrimidine-5-carbaldehyde: the first example of tautomerism and it's alkylation by a simple method., *Scholarly Research Journal for Interdisciplinary Studies .*, ISSN: 2319-4766, Vol-6 Issue - 11, P-22-31, [2017]
- Sopan K. Kushare**, B. K. Ghotekar, R. R. Zoman, Interaction of Glycolic solutions in some solvents at 298.15 K *Scholarly Research Journal for Interdisciplinary Studies .*, ISSN: 2319-4766, Vol-6 Issue - 11, P-11-14, [2017]
- SK Kushare** , KJ Patil , Studies of Polyethylene–Glycols in Aqueous and Methanolic Solutions at 298.15 K., *104th Indian Science Congress Association, University of Tirupati*, [2017]
- SK Kushare** , KJ Patil , Interaction Of Water As A Solute With Organic Solvents., *Pursuit, Half Yearly International Peer Reviewed Multi Disciplinary Research Journal* Vol. 3, ISSN : 2394-2649, P 69-71. [2016]
- Ravindra R. Zoman, **Sopan. K. Kushare**, The Effect Of Commercial Synthetic Food Colour On Thermodynamic Properties Of Aqueous Solution Of Dextrose At Various Concentration At 303.15K, *Pursuit, Half Yearly International Peer Reviewed Multi Disciplinary Research Journal* Vol. 3, ISSN : 2394-2649, P 23-32. [2016]

10. **SK Kushare** , KJ Patil , Properties of Liquid water as a solute in Glycolic solutions at T = 298.15K., *103th Indian Science Congress Association, University of Mysore*, [2016]
11. **SK Kushare** , KJ Patil ,Compressibility and Volumetric Studies of Polyethylene–Glycols in Aqueous Solutions at 298.15 K., *101th Indian Science Congress Association, Jammu University of Jammu*. [2014]
12. **SK Kushare**, VR Shaikh, SS Terdale, DH Dagade, RR Kolhapurkar, Thermodynamics of aqueous polyethylene-glycol (PEG) solutions at 298.15 K: Activity, activity coefficients and application of molecular theories., *Journal of Molecular Liquids* 187, 129-136 [2013]
13. **SK Kushare** , KJ Patil ,Volumetric and Compressibility properties of Liquid water as a solute in Glycolic solutions at T = 298.15K., *100th Indian Science Congress Association, Kolkata University Calcutta.(WB)*,[2013]
14. **SK Kushare** , KJ Patil ,Volumetric & Compressibility Properties of Water as a Solute in Propylene Carbonate & Tetra methyl Urea Solutions at 298.15K., *98th Indian Science Congress Association, SRM University Chennai (TN)*, [2011]
15. **SK Kushare**, DH Dagade, KJ Patil, Volumetric and compressibility properties of liquid water as a solute in glycolic, propylene carbonate, and tetramethylurea solutions at T= 298.15 K, *The Journal of Chemical Thermodynamics* 40 (1), 78-83 [2008]
16. **SK Kushare**, SS Terdale, DH Dagade, KJ Patil, Compressibility Studies of Binary solutions involving Water as Solute in Non-Aqueous Solvents at 298.15K *The Journal of Chemical Thermodynamics* 39 (8), 1125-1131 [2007]
17. **SK Kushare**, RR Kolhapurkar, DH Dagade, KJ Patil, Compressibility Studies of Binary Solutions Involving Water as a Solute in Non-aqueous Solvents at T = 298.15 K *Journal of Chemical & Engineering Data* 51 (5), 1617-1623 [2006]

Research Paper Papers presented in International/National Conferences:

1. **SK Kushare** , Behavior of water in primary glycols at T = 298.15K., *105th Indian Science Congress Association, Manipur University Imphal*, [2018]
2. **SK Kushare** , Various Interaction of Water in Primary Glycols at T = 298.15K., *International conference on Advances in Functional Materials (ICAFM) at KTHM College, Nashik*. [2018]
3. **Sopan K. Kushare**, Interaction of Glycolic solutions in some solvents at 298.15 K. *Scholarly Research Journal for Interdisciplinary Studies* .,KSKW College, CIDCO, Nashik. [2017]
4. **SK Kushare** , Studies of Polyethylene–Glycols in Aqueous and Methanolic Solutions at 298.15 K., *104th Indian Science Congress Association, University of Tirupati*, [2017]
5. **SK Kushare** , Interaction Of Water As A Solute With Organic Solvents., K. K. Wagh College Pimpalgaon (B). [2016]
6. **SK Kushare** , Properties of Liquid water as a solute in Glycolic solutions at T = 298.15K., *103th Indian Science Congress Association, University of Mysore*, [2016]

7. **SK Kushare** , Acoustic properties and interactions of water., *Recent Trends in Chemical Research, V. N. Naik College Nashik* [2015]
8. **SK Kushare** , Compressibility and Volumetric Studies of Polyethylene–Glycols in Aqueous Solutions at 298.15 K., *101th Indian Science Congress Association, Jammu University of Jammu.* [2014]
9. **SK Kushare** , Volumetric and Compressibility properties of Liquid water as a solute in Glycolic solutions at T = 298.15K., *100th Indian Science Congress Association, Kolkata University Calcutta.(WB,)*[2013]
10. **SK Kushare** , Volumetric & Compressibility Properties of Water as a Solute in Propylene Carbonate & Tetra methyl Urea Solutions at 298.15K., *98th Indian Science Congress Association, SRM University Chennai (TN),* [2011]
11. **SK Kushare** , Compressibility & Volumetric Studies of PEGs in Aqueous & Methanolic Solutions at 298.15K., *Veer Narmad South Gujrat University, Surat, Gujrat* [2006]

Books/Patent Publications:

Sr. No	Title with Page No.	Publisher	ISSN/ISBN
1	Acoustic Behaviour of Water	Lambert Academic Publishing	ISBN: 978-620-0-54946-4
2	Polyethylene Glycols In Aqueous & Non-Aqueous Solvents		ISBN: 978-620-0-56346-0
3	Interaction Theories and Kirkwood-Buff Integrals of PEG		ISBN: 978-620-0-56956-1

Refresher / Orientation / FDP / Trainings:

Sr. No	Name of the course	Organizing Institute	Duration
1.	Orientation Course	Rajasthan University, Jaipur	14/9/1992 to 12/10/1992
2.	Refresher Course	Panjab University, Chandigarh	16/3/1994 to 12/4/1994
3.	Refresher Course	Pune University, Pune	1/11/2000 to 28/11/2000
4.	Refresher Course	ASC, Rani Durgavati Vishwavidyalaya Jabalpur Madhyapradesh	24/12/2001 to 12/1/2002
5	Short Term Course	K. T. H. M. College, Nashik	5/8/2013 to 10/8/2013

Seminar/Conference Attended:

Sr. No.	Place	Date	Title	Type
1	Association of Chemistry Teachers and Homi bhabha Research Center TIFR , Mumbai	18 /03/2021	Sustainable Chemistry	International Webinar
2	Arts, Commerce and Science College Jalgaon	08 /06/ 2020	Soft Skills and Creative thinking in Chemical and Physical Science	National Webinar
3	Swami Muktnand College Yeola	26/11/ 2020	Green and Clean Chemistry	National Webinar
4	Manipur University, Imphal	16/03/2018 to 20/03/2018	105- Indian Science Congress Conference	National Conference
5	HPT RYC College Nashik	05/02/ 2018	Application of Material Science	District Level Conference
6	University of Mysore, Mysuru,	3/01/2016 to 07/01/2016	103- Indian Science Congress Conference	National Conference

Membership of Professional Institutions:

Member- Indian Science Congress Association-Kolkatta

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date: 6/04/2023

Prof. Dr. S. K. Kushare