

Permanent Address:71, Pimpal Galli,
A/P- Anala Tal- Paranda,
Dist.-Osmanabad – 413505
Maharashtra
INDIA**Contact Address:**Department of Chemistry,
Rayat Shikshan Sanstha's
Dada Patil Mahavidyalaya, Karjat
Dist. Ahmednagar - 414402
Maharashtra
INDIAMobile: +91-9890159483
Email: sksantosh84@gmail.com**PERSONAL PROFILE:**

Citizen : INDIAN

Date of Birth : April 04, 1984

Marital Status : Married

Blood Group : A^{+ve}

Languages : Can read, write and speak English, Hindi and Marathi

**RESEARCH INTEREST:**

Chemical kinetic study of organic reactions, Heterocyclic chemistry, Thermodynamic study of organic reactions. Green chemistry, Nanotechnology, Method development and Validation, Biochemistry, Solvent extraction Techniques.

SUBJECTS TAUGHT:

Fundamentals of Spectroscopy, Thermodynamics, Electrochemistry, Crystal Structure, Chemical Kinetics, Quantum Chemistry, Nuclear Chemistry, Surface chemistry, Solid State chemistry, Analytical chemistry, Mathematical chemistry, Statical thermodynamics.

EDUCATION:

Degree	Board/University	Subjects	Passing Year	College/ Institute	Percentage	Class
S. S. C.	Latur Board	All	2000	New High School Anala	58.00	Second Class
H. S. C.	Latur Board	All	2002	New College Paranda	56.00	Second Class
B. Sc.	Shivaji University	Chemistry	2005	Shivaji College Barshi	79.69	First Class with Distinction
M. Sc.	Shivaji University	Physical Chemistry	2007	Dept. of Chemistry Shivaji University Kolhapur	63.92	First Class
Ph. D.	BAMU, Aurangabad	Chemical Kinetics	2018	Dept. of Chemistry, Milind College, Aurangabad	Registered	---

Special Qualifications:

1. CSIR-UGC-NET (LS) National Eligibility Test [027/970 rank].
2. Qualified SET Examination held in Sept. 2021

PROJECTS SANCTIONED:

Sr. No.	Project Scheme	Title	Agency	Amount (Rs.)	Year
1	Seed Money Project	One Pot Green Method For synthesis of 1, 3 Oxazine derivatives under aqueous medium (Completed)	Dada Patil Mahavidyalaya Karjat, Ahmednagar 414402	15000/-	2020

EXPERIENCE DETAILS: (Starting with Recent)**Total Research and Teaching: 12 Years**

Sr. No.	Designation	Organization	Duration	
			From	To
1.	Assistant Professor	Dada Patil Mahavidyalaya, Karjat	06.01.20	Till date
2.	Assistant Professor	R. B. N. B. College, Shrirampur	05.07.14	05.01.20
3.	Assistant Professor	Dada Patil Mahavidyalaya, Karjat	01.07.12	30.04.14
4.	Assistant Professor	New Arts, Commerce & Science College Parner	14.09.08	30.04.12
5.	Assistant Professor	P.V. P. College Pravaranagar, Loni	01.01.08	13.09.08
Doctoral: 2.5 years				
1.	Ph.D.	BAMU University, Aurangabad	15.06.18	Till today

As a guest lecturer:

Delivered the lectures at various institutes for U.G. and P.G. Students in Physical chemistry.

OTHER EXPERTISE:**Computer Knowledge:**

- 1) completed MSCIT Certificate Course and comfortable with computer operations.
- 2) Chem-Draw and ISI-Draw
- 3) Window XP Operating System, MS Office (MS Word, Excel, PowerPoint), Adobe (Photoshop).
- 4) Working on internet

SUMMARY OF PUBLICATIONS:**Total publication : 12**

Sr. No.	Title of the Paper	Journal Name	ISSN No.	Year of Publication	Volume/ Page no.	UGC CARE/ Peer Reviewed
1	Performance of Polyaniline Nanofibers (PANI NFs) as PANI NFs-Silver (Ag) Nanocomposites (NCs) for Energy Storage and Antibacterial Applications	<i>ACS Omega</i>	0474-9030	2019	4 (3), 5741-5749	UGC CARE-II
2	One-Pot Green Method for the Synthesis of Oxazine Derivatives Under Aqueous Medium	International Journal of Scientific Research in Science and Technology	2395-6011	Aug 2020	Volume 7, Issue 4 Page Number: 264-270	Peer-Reviewed
3	Green approach to Chemo-Selective N-Boc Protection of Amines using Catalytic amount of Lithium Hydroxide Monohydrate under Solvent Free Condition	International Journal of Scientific Research in Science and Technology	2395-6011	Oct. 2020	Volume 7, Issue 5 Page Number: 06-12	Peer-Reviewed
4	Antioxidant, antibacterial and shelf-life extension of chitosan extracted from the shells of shrimp (<i>Fenneropenaeus indicus</i> and <i>Litopenaeus vannamei</i>)	Annals of the Romanian Society for Cell Biology.	1583-6258	April 2021	Vol. 25, Issue 4, 2021, Pages. 21004-21013	UGC Care List - II (SCOPUS)
5	Predicting ADME and Molecular Docking Analysis of <i>Murraya paniculata</i> Chemical Constituents against Antidiabetic Molecular Targets	Turkish Online Journal of Qualitative Inquiry (TOJQI)	10941 - 10951	July 2021	Volume 12, Issue 7, July 2021	UGC Care List - II (SCOPUS)
6	Analysis Of Water Quality Using Physico-Chemical Characters, Lower Terna Reservoir, Near Makani, Dist. Osmanabad, Maharashtra, India.	Wesleyan Journal of Research	0975-1386	September 2021	Vol.14 No.26 9-16	UGC CARE-I
7	Synthesis, characterization and QSAR Study of 2-(5- methyl-4- phenylthiazol-2-yl)-4-oxothiazolidine-5- carboxylic acid derivatives	Wesleyan Journal of Research	0975-1386	September 2021	Vol.14 No.26 , 56-88	UGC CARE-I
8	Plant mediated synthesis of zinc oxide nanoparticles using <i>acalypha fruticosa</i> forssk	International Journal of Biology,	2277-4998	Nov. 2021	10(11): 1308-1318	UGC Care List - II

	combined with special reference to antibacterial	Pharmacy and Allied Sciences				(Web of Science)
9	Synthesize and analyze pure and myrtaceae doped K_2PO_4 crystals.	International Journal of Health Sciences	ISSN 2550-6978 E-ISSN 2550-66X © 2022.	March 2022	6(S3), 592-603	UGC CARE II (SCOPUS)
10	Anti-bacterial, Anti-inflammatory and Anti-cancer activity of green Synthesized Copper Metal Nanoparticles	Bulletin of Environment, Pharmacology and Life Sciences Bull. Env. Pharmacol. Life Sci., Special Issue	2277-1808	April 2022	Special Issue [1] 2022: 772-777	UGC CARE II
11	Synthesis, Characterization and antioxidant/anti-cancer activity of palladium Nanoparticles using Cassia absus seed extract	Bulletin of Environment, Pharmacology and Life Sciences Bull. Env. Pharmacol. Life Sci., Special Issue	2277-1808	April 2022	Special Issue [1] 2022 :526-531	UGC CARE II (Web of Science)
12	Green Synthesis of Silver Oxide Nanoparticles by using Clerodendrum bracteatum Leaf Extract and Their Antibacterial Activity	International Journal of Zoological Investigations	ISSN: 2454-3055	Aug. 2022	Vol. 8, Special Issue 46-51(2022)	UGC Care List - II (Web of Science)

Patent Publication: Method for manufacturing biodegradable polymeric Nanoparticle

Application No.202241007582 A

Date of filing of Application :13/02/2022 Publication Date: 04/03/2022

Book Contribution:

Sr. No.	Title of the Book	Class	ISBN No.	Type of Book	Year of Publication
1.	CH-510 B POLYMER CHEMISTRY	T.Y.B.Sc. CBCS PATTERN	978-93-91391-98-0	Text Book	2021

2.	Introductory Basics of Chemistry	-	978-93-5509-928-0	Reference Book	2022
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Book Chapter Contribution:

Sr. No.	Name of the Book	Name of the chapter	ISBN Number
1	Recent Research Trends in Chemistry Volume – I (2021)	Green Approach to Chemo-Selective N-Boc Protection of Amines using Catalytic amount of Lithium Hydroxide Monohydrate under Solvent Free Condition 23-33	978-93-90471-74-4
2	Modern Trends in Chemical Sciences Volume – II (2022)	Antioxidant, Antibacterial and Shelf-Life Extension of Chitosan Extracted from the Shells of Shrimp (<i>Fenneropenaeus Indicus</i> and <i>Litopenaeus Vannamei</i>) 99-112	978-93-5570-183-1
3	Recent Trends in Nano chemistry and Nanotechnology Volume – I (2022)	Synthesis of Palladium nanoparticles using <i>Cassia absus</i> seed extract and Evaluation of its Biological Activity 01-12	978-93-5570-298-2
4	Innovative Research in Chemical Sciences Volume – I (2022)	Plant Mediated Synthesis of Zinc Oxide Nanoparticles using <i>Acalypha Fruticosa</i> Forssk Combined with Curcumin with Special Reference to Antibacterial and Anticancer 01-13	978-1-913482-01-5
5	Recent Research Trends in Chemistry Volume – I (2021)	One-Pot Green Method for the Synthesis of Oxazine Derivatives under Aqueous Medium 35-47	978-93-90471-74-4
6	Modern Trends in Chemical Sciences Volume – II (2022)	Kinetics and Mechanism of Oxidation of 3-Hydroxy Benzoic acid Hydrazide by Bromate Catalyzed by Vanadium (IV) in Aqueous Acidic Medium (59-70)	978-93-5570-306-4

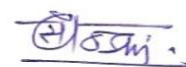
Conferences, seminars, Symposia, Workshops etc. attended:

Sr. No.	Name of Conferences, Seminars, Symposia, workshops etc.	Name of sponsoring agency	Place
1.	“Application of Spectroscopic Method in Chemical Science”	UGC-New Delhi	NACS college, Parner
2.	Integrated pest management and organic farming’	B.C.U.D., University of Pune	NACS college, Parner
3.	“Recent Trends in Material Science”	UGC-New Delhi	NACS college, Parner
4.	“NET-SET Preparation Workshop	B.C.U.D., University of Pune	NACS college, Parner

5.	'Recent Trends in Biotechnology, Biodiversity and Environmental Aspects'	B.C.U.D., University of Pune	NACS college, Parner
6.	'Recent Trends in Analytical Chemistry'	UGC-New Delhi	A.C.& S college Satral
7.	"Recent Trends in Material Science"	UGC-New Delhi	C.T. Bora College of Art's, Commerce & Science,
8.	"Application of Spectroscopy in Chemistry"	S.P.P. U	Radhabai Kale Mahila Mahavidyalaya
9	"Role of Chemistry in Environmental Protection"	UGC-New Delhi	S. N. Art, s, D.J. M. Commerce & B.N.S. Science college
10	"Green approach in applied sciences"	UGC-New Delhi	Dada Patil Mahavidyalaya, Karjat
11	"Disaster management and safety awareness in laboratories."	B.C.U.D., University of Pune	Dada Patil Mahavidyalaya, Karjat
12	"Interface between Colleges and Industry with Reference to Synthetic Organic Chemistry and Spectroscopy"	B.C.U.D., University of Pune	R. B. N. B. College, Shrirampur
13	"NET/ SET Workshop"	SDB, University of Pune	R. B. N. B. College, Shrirampur
14	"Green Approaches in Chemical Sciences"	B.C.U.D., University of Pune	R. B. N. B. College, Shrirampur
15	"Advances in Spectroscopic Methods and its Applications in Pharmaceutical Industries"	UGC-New Delhi	R. B. N. B. College, Shrirampur
16	"Recent Challenges in Nano basic Sciences"	Self-Funded	R. B. N. B. College, Shrirampur
17	"Emerging Trends in Chemical Sciences"	UGC-New Delhi	N.E.P. Science College, Nanded
18	"Interdisciplinary Research in Chemical and Life Sciences"	B.O.D. SPPU Pune	M.J.S. College Shrigonda
19	"Applications of Green Catalysts and Green Solvents for sustainable development"	B.O.D. SPPU Pune	Dada Patil Mahavidyalaya, Karjat
20	"# Nano-Bio20 International Twitter Conference"	Self-Funded	New College Kolhapur
21			

PAPERS / POSTERS PRESENTED IN CONFERENCES/SEMINARS:**Total #: 02****Organized: #04.****REFRESHER COURSE: #0.****INDUCTION / ORIENTATION COURSE #01.**

I hereby declare that the information provided in the CV is true.

**Place:** Karjat, Ahmednagar**Date:** 31.01.2023**Mr. Santosh Ramchandra Kshirsagar**