

CURRICULUMVITAE

- 1) Name :Dr. Shrikrishna T. Salunke
2) Educational Qualification :MSc, SET, PhD
3) Present Designation :Associate Professor, Head, Department of Chemistry
4) Date of Birth :01st June 1968
5) Contact No. :+91-9421079771
6) Email ID : stsalunke@gmail.com
7) Date of Appointment : 1stAugust1994
8) Teaching Experience : 30 Years
9) Date of joining in present college :1stAugust 1994

10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1.	M.Sc.	KBC NMU, Jalgaon	October-1993	Organic Chemistry	Higher Second Class
2.	B.Sc.	University of SPPU Pune	June-1991	Chemistry	Higher Second Class

11) Total Research Publications: 14

a. M.Phil./ Ph.D./Research

Sr. No.	M.Phil./ Ph.D.Thesis Title	Name of The Univ.	Year of award	Name of Guide
1	Synthesis and Characterization of BODIPY-Based Near IR Molecular Probes	University of Mumbai Vidyayagari, Santacruz (E) Mumbai- 400098, India	14July-2023	Dr. Sudesh Manjare Department of Chemistry, University of Mumbai, Mumbai

b. Book:

Sr. No.	Title of Book	Year of publication	ISBN	Name&Placeof Publisher
	-			

c. Chapter in Book:

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher
	-				

Research Paper:

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISSN	UGC. No./Impact Factor/ Citation Details
1.	Synthesis of Selenium-containing quinoline probe for superoxide sensing and its anticancer activity study	Main Group Chemistry	2024	ISSN 1024-1221 (P) ISSN1745-1167 (E)	1.3IF International Journal
2.	Heterostructured NiMo-sulfidemicropillararrays for advanced alkaline electrocatalytic clean hydrogen production via overallwater splitting	Applied Surface Science, 2024, 661,160081	2024	Online ISSN: 1873-5584 Print ISSN: 0169-4332	6.3IF International Journal
3.	Iron-hydroxide Controlled by cobalt and aluminium as an advanced electrocatalysts forover all water splitting and its temperature dependence	Journal of Alloys and Compounds, 2024, 989: 174334.	2024	Print ISSN: 0925-8388 Online ISSN: 1873-4669	5.8IF International Journal
4.	Organo selenium-based quinoline sensor for Superoxide detection and its antitumor activities	Journal of Chemical Sciences,2024, 136: 51	2024	Electronic ISSN : 0973-7103	1.7IF International Journal
5.	Production, Characterization of Biosurfactant And Its Application In Nano Vesicle Synthesis	Plasma Science and Technology, 2024,25(1):69-84	2024	ISSN: 1009-0630	International Journal (UGC Care Journal)
6.	Cellulose/silicasupported SchiffbasePd(II)catalyst for copper-free Sonogashira cross-coupling	Research on Chemical Intermediates, 2024, 50: 551-573.	2024	Electronic ISSN 1568-5675 Print ISSN 0922-6168	2.8IF International Journal
7.	PIPES-ZnO NPs coupled catalyst for the synthesis of 2-((1H-indol-3-yl)(phenyl)methyl)-5,5-dimethylcyclohexane-1,3-diones	Results in Chemistry,2023, 6:101074.	2023	Online ISSN: 2211-7156	2.5IF International Journal
8.	Synthesis and Photophysical Study of Tetraphenyl Substituted	Journal of Fluorescence, 2023, 33: 434-	2023	Electronic ISSN 1573-4994	2.6IF International Journal

	BODIPY-Based Phenyl-Monoselenide Probe for Selective Detection of Superoxide	444		Print ISSN 1053-0509	
9.	Tuning of photoluminescence behavior of gold-coated chitosan-polyvinyl alcohol binding with graphene quantumdots	Materials Today: Proceedings, 2022,62 (4): 1752-1757	2022	Online ISSN: 2214-7853	International Journal
10.	A review on molecular orbital of diatomic molecules	Vidyabharati International Interdisciplinary Research Journal, 2021: 412-417	2021	ISSN 2319-4979	Peer Review Journal
11.	In Vitro Evaluation of Antibacterial Potential of Cocciniagrandis Against Human Pathogens	International Journal of Pharmacy and Biological Sciences,2019 9(2):91-98	2019	Print ISSN: 2321-3272 Online ISSN: 2230-7605	UGC Care Journal
12.	Studies on the biological and characterization of Schiff bases antifungal activity of some bryophytes from Lohagad.	International conference on plant research and resource management, (page no.224-231)Feb2016	2016	978-81-924850-2-7	UGCC are Journal
13.	An analytical study of synthesis and characterization of Schiff bases by using microwave	Review of research international recognition multidisciplinary research journal, Oct2015,5(1)	2015	2249-894X	UGC Care Journal
14.	Synthesis of Xanthene Using chlorosulphonic acid as an efficient catalyst.	Der Pharma, 2014	2014	0975-413X	UGC Care Journal

d. Research Project:

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1.	T.C.Collge, Baramati	Synthesis, Characterization of Mxenes and it's application in water purification	1.15 Lakh	June 2023	One Year	Completed
2.	UGC	Synthesis and characterization of Aryl-14H-Dibenzo	1.5 Lakh	2012-2014	Two years	Completed

		xanthene under solvent-free conditions.				
3.	BCUD	Synthesis Characterization And biological activity of Schiff bases.2012-2014	1.5Lakh	2012-2014	Two years	Completed
4.	BCUD	Green chemistry approach towards the synthesis of biologically active heterocyclic compounds. 2016-2018	2.0Lakh	2016-2018	Two years	Completed

e. Papers presented in Seminar/ Conference:

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1.	International Conference on sustainability integrated and science approach held on 4th to 6th August 2022 organized by Dept. Of Chemistry, University of Mumbai on 4 th -6 th August 2022	Synthesis of Monoselenide-Based Phenyl Substituted BODIPY Probe for Selective Detection of Superoxide	4-6 August 2022	International Level	University of Mumbai
2.	International Conference on "Novels wings in chemical Sciences (nscs-2022)" held on 23 rd December 2022 organized by Thakur College of Science and Commerce, Kandivali East, Maharashtra India	Synthesis and photophysical study of Monophenyl selenide-based Bodipy probe for selective detection of superoxide Species inside the cancer cells	23 December 2022	International Level	Thakur College of Science and Commerce, Kandivali East, Maharashtra India
3.	Resource Management Organized by	Activity of some bryophytes from Lohagad.	11 - 13 Feb. 2016	International Level	Tuljaram Chaturchand College Baramati

	Tuljaram Chaturchand College Baramati on 11 th -13 th Feb. 2016				
4.	International Conference On Recent Trends in Physical, Chemical, Biological Nano science Organized by Lal Bahadur Shastri College of Arts, Science and Commerce Satara On 17 th -18 th May 2022	Synthesis and Photophysical Study of Monophenyl Selenide-Based BODIPY Probe for Selective Detection of Superoxide	17 - 18 May 2022	International Level	Lal Bahadur Shastri College of Arts, Science and Commerce Satara
5.	UGC & university of Pune sponsored National conference on Recent development in mathematics and statistics, organized by dept. Statistics, Tuljaram Chaturchand College, Baramati held on 14 th -16 th February 2013	Statistical analysis of various known complex	14-16 February 2013	National Level	Tuljaram Chaturchand College, Baramati
6.	Department of Chemistry, Shivaji University, Kolhapur 22-23 rd Jan. 2013	Structural and Optical Properties of Chemically Deposited CdSe Thin Film	22-23 Jan. 2013	National Level	Department of Chemistry, Shivaji University, Kolhapur
7.	Department of Physics, Shivaji University, Kolhapur on 4-5 th Jan. 2013	Chemical Bath Deposition of CdO Thin Film for LPG Sensor Application	4-5 Jan. 2013	National Level	Department of Physics, Shivaji University, Kolhapur
8.	International Conference on Herbal and synthetic drug studies [HSDS-2014] Organized by Abeda Inamdar senior college of Arts, Science & Commerce, Pune On 10-12 th Feb.	Microwave Assisted for the Synthesis of 14-aryl or alkyl-14H Dibenzo Xanthene	10-12 Feb. 2014	International Level	Abeda Inamdar senior college of Arts, Science & Commerce, Pune

	2014				
9.	International Conference on sustainability integrated and science approach held on 4th to 6th August 22 Organized by Dept. Of Chemistry, University of Mumbai on 4th to 26 th -28 th Nov. 2015	Efficient Protocols for the synthesis And Application for Schiff Bases	26 - 28 Nov. 2015	International Level	Dept. Of Chemistry, University of Mumbai
10.	INNOVATION-2017 BCUD Sponsored Regional Research Conference organized by C.T. Bora College Shirur On 21 st Nov. 2017.	Green and Efficient Synthesis of Benzimidazole and their Derivative Application as Antimicrobial Activity	21 Nov. 2017.	University Level	C.T. Bora College Shirur
11.	National Conference on Advanced perspective in chemical material and life science Organized by E.S Divekar college Varvand Tal. Daund On Jan. 18-19 th 2019	Nanocatalytic Chemo selective Reduction of Phosphine Oxide	Jan. 18-19 2019	National level	E.S Divekar college Varvand
12.	National Conference on Frontiers of Chemistry and Materials Organized by T.C. College, Baramati On 12 th -14 th March 2015	Isolation, Purification and Semi-synthesis of Natural Product from Sena Plants, Taxus-brevifolia, Debosia	12-14 March 2015	National level	Tuljaram Chaturchand College, Baramati
	National-level Seminar on Emerging Trends in Organic Chemistry	An Efficient Protocol for the Synthesis And Application of Some Schiff Bases	26 - 27	National level	University

13.	Sponsored by University Grant Commission, New Delhi, Organized by the Department of Chemistry During 26 th -27 th December 2014		December 2014		Grant Commission
14.	National Seminar on Advanced Syntheses of Nanomaterial and Their Application Organized by Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur, Dist. Solapur on 17-18 th Sept. 2012	Synthesis of Some Chalcone Pyrazolines	17-18 Sept. 2012	National level	Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur
15.	National Conference on Trends and Challenges in Chemistry Organized by T.C. College, Baramati On 10 th -11 th March 2023	Participated	10-11 March 2023	National level	Tuljaram Chaturchand College, Baramati
16.	National Conference on Recent Trends in Physical, Chemical and Bioscience Organized by V.P. Arts, Commerce, and Science College Baramati On 16 th -17 th Dec. 2016	Green Chemistry Approach Towards Synthesis of Biologically Active Heterocyclic Compounds	16 - 17 Dec. 2016	National level	V.P. Arts, Commerce, and Science College Baramati
17.	National Conference on Nanoelectronics Circuits & Communication Systems (NCCS-2016) Organized by Sant Gadge Baba Amravati University on Jan. 2016	Kinetics and Mechanism of Scavenging the Stable Free Radical 2,2-Diphenyl-1-picrylhydrazyl (DPPH) by 2-((4-methoxy phenylimino)methyl) phenol (2,4 MPM)"	Jan. 2016	National level	Sant Gadge Baba Amravati University

f. Patents published/Register: _____ - _____

12) Research Guidance:

a) Guideship Details

Sr. No.	M.Phil./Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1	-				
2	-				

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1	-			
2	-			

13) Professional recognition/award/fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1			
2			

14) E-Content Development:

Sr. No.	Title of Content	Level (UG/PG/ ALL)	Platform	Link of E-Content
1	Organic Chemistry	F. Y.B.Sc. Sem I	Google Classroom	https://drive.google.com/file/d/1LO2Ye0ebcZj7fbIhrGdIRlu1znx7_i-4/view?usp=sharing
2	Organic Chemistry	F. Y.B.Sc. Sem-I	Google Classroom	https://drive.google.com/file/d/15jYjxAS1xVmW793N6UEZMS8pSDvFerdV/view?usp=sharing
3	Organic Chemistry	F. Y.B.Sc. Sem-II	Google Classroom	https://drive.google.com/file/d/1j1hYVqJbgC-wsR8rQJNmHS-BW6b_aNjE/view?usp=sharing
4	Organic Chemistry	F. Y.B.Sc. Sem-II	Google Classroom	https://drive.google.com/file/d/1ILa1SkJ4OzDeaxaQGtIPDj-79M4CLIOD/view?usp=sharing
5	Organic Chemistry	S.Y.B.Sc. Sem-I	Google Classroom	https://drive.google.com/file/d/1Xrx2nXNtPzreuMkscyOv0E7qmgWGQsX/view?usp=sharing

6	Organic Chemistry	S.Y.B.Sc. Sem-I	Google Classroom	https://drive.google.com/file/d/13YPYTkLT-kMeoZDgazcid6lfznW40_YF/view?usp=sharing
7	Organic Chemistry	T.Y.B.Sc. Sem-I	Google Classroom	https://drive.google.com/file/d/1Gd4LVsAn1QpmDRWMD3wxEegvw0DoqcIL/view?usp=sharing
8	Organic Chemistry	T.Y.B.Sc. Sem-I	Google Classroom	https://drive.google.com/file/d/1MB5gdK5zCTZoeD2GwHfN1H4ZndNVaFmy/view?usp=sharing

15) Work Experience on Academic Bodies and other:

Sr. No.	Designation/Position	Duration	Name of Institute/University	Details
1	Member of Academic Council	2023-2025	Tuljaram Chaturchand College, Baramati	
2	Member of BOS Chemistry	2019-2025	Tuljaram Chaturchand College, Baramati	
3	Academic Research Coordinator	2019-2025	Tuljaram Chaturchand College, Baramati	
4	SC/ST Committee Coordinator	2019-2025	Tuljaram Chaturchand College, Baramati	
5	Member of CIAR	2024-2025	Tuljaram Chaturchand College, Baramati	
6	Member of Ethics Committee	2024-2025	Tuljaram Chaturchand College, Baramati	
7	Member of DST-FIST Scheme	2024-2025	Tuljaram Chaturchand College, Baramati	
8	Member of Common Facility Center	2024-2025	Tuljaram Chaturchand College, Baramati	
9	BOS Chairman of Chemistry	2024-2025	Tuljaram Chaturchand College, Baramati	

16) Life Membership of Profession Bodies:

Sr. No.	Name of Professional Body
1	SPPUCTO Member