CURRICULUM-VITAE

Name Surabhi Nikhil Shintre

Date of Birth 17-02-1978

Address C-13, Shreeniwas Park, Opposite IDBI Bank, Baner, Pune 411045

Place of Work Department of Chemistry, Abasaheb Garware College of Arts and Science, Pune

Present Position Assistant Professor, Chemistry

Academic Qualifications M.Sc., NET - CSIR, M.Phil, Ph.D

Degree	Year	Institute	Class
B.Sc. (Chemistry)	1998	LAD College, Nagpur	I
M.Sc. (Organic Chemistry)	2000	Dept. of Chemistry, Nagpur	I
M.Phil. (Chemistry)	2008	University of Pune, Pune	A
Ph.D (Chemistry)	2017	Savitribai Phule Pune University, Pune	

Broad Area of Research: Advanced Oxidation Processes, Nanomaterials for environmental applications

Teaching Experience: 24 Years

Coordinator and In-charge

1. Certificate course on Scientific Writing and Science Communication at MES Abasaheb Garware College, Pune
2. TY B.Sc. Chemistry (2022-24)
3. FY B.Sc. (2013-2016)

Resource Person

1. Ph.D. Course work in Abeda Inamdar Senior College, Pune.
2. UGC sponsored Refresher Course – IKS Based Chemistry and Metallurgy for teachers.
3. Ph.D. Course work in C-Met, Pune.
4. Ph.D. Course work in Bharati Vidyapeeth College, Pune.
5. Ph.D. Course work in B.G. College, Sangvi, Pune.
6. Ph.D. Course work in Prof. Ramakrishna More Arts, Commerce and Science College, Pune.
7. B.J.S. Wagholi College, Pune.
8. NET-SET workshop organized by MES Abasaheb Garware College, Pune.
9. Online Workshop Series: M.Sc. II Experiments in Organic Chemistry organized by SPPU Chemistry Teachers.

LIST OF PUBLICATIONS

Papers Published

1. Surabhi N. Shintre, Sachin Wadhai and Pragati Thakur (2022) Synthesis of Ag/ZnO-AC composite photocatalyst: spectroscopic investigation, parameter optimization, synergistic effect and performance enhancement for cost-effective photocatalytic degradation of phenols and dyes Water Science & Technology Vol 85 No 9, 2663 doi: 10.2166/wst.2022.137
2. Surabhi Shintre and Pragati Thakur (2016) Influence of Operational parameters on photomineralization of Evans Blue by Ag-TiO_2 Composite, Indian Journal of Chemical Technology 23, 232-236.
3. Surabhi N. Shintre and Pragati Thakur (2016) Synthesis and characterization of titania–magnetic activated carbon composite for Photocatalytic Degradation and mineralization of p-Nitrophenol, Indian Journal of Chemistry 55A, 429-434.
4. Surabhi Shintre and Pragati Thakur (2014) Synergistic Effects of Activated Carbon on ZnO for Improved Photocatalytic Degradation of p-Nitrophenol Journal of Environmental Science & Engineering, 56, 4, 463-470.
5. Surabhi Shintre and Pragati Thakur (2012) Environmental Applications of Nanocrystalline TiO_2 in combination with H_2O_2 International Journal of Green Nanotechnology 4, 4, 430-439.
6. Surabhi Shintre and Pragati Thakur (2008) Photo-catalyzed Degradation of p-Nitrophenol Employing TiO_2 and UV Radiations Journal of Environmental Science & Engineering, 50, 4, 299-302.

Conferences

1. Surabhi Shintre and Pragati Thakur “Comparative study of different advanced processes for the photocatalytic degradation of hazardous dye safranin” in International conference on Futuristic Materials and Emerging trends in Forensic and Life Sciences organized by RTMNU, Nagpur during 5th-7th February 2015 pp 91.
2. Surabhi Shintre and Pragati Thakur ‘A Simple route for the preparation of Metal Oxide Activated Carbon Composite with Enhanced Photocatalytic Activity’ in First National Conference on ‘Advanced Oxidation Processes’ organized by Department of Chemical Engineering and School of Energy & Environment, Thapar University, Patiala during 21st – 23rd November 2013 pp 37.
3. Surabhi Shintre and Pragati Thakur ‘Synthesis, Characterization and Photocatalytic Activity of Metal Oxide Semiconductor and their Composite with Activated Carbon’ in National Conference on ‘Frontiers in Physical, Chemical and Biological Sciences’ organized by Department of Chemistry, University of Pune, during 4th – 6th October 2013 pp 81 .
4. Surabhi Shintre and Pragati Thakur “Photoctalytic degradation of p-Nitrophenols using TiO_2 nanocrystals supported on magnetic activated carbon” in International workshop on ‘Nanotechnology & Advanced Functional Materials’ organized by MRSI (Pune Chapter), held at NCL, Pune during 24th – 25th July 2013, pp 119.
5. Surabhi Shintre and Pragati Thakur ‘Synthesis of Novel Composite for Wastewater Treatment’ in AVISHKAR , the 7th Maharashtra State Inter University Research Convention held at Dapoli during 7th – 9th January, 2013.

6. Surabhi Shintre and Pragati Thakur “Synthesis of Magnetically Separable Photocatalyst with Enhanced Activity for Removal of Phenols from Wastewater” at “4th Interdisciptlinary Symposium on Materials Chemistry 2012”, organized by Society for Materials Chemistry, Mumbai and Chemistry Division, Bhabha Atomic Research Centre Trombay, Mumbai, India, during 11-15th December 2012 pp 381.
7. Surabhi Shintre and Pragati Thakur “Photo-catalyzed Degradation of p-Nitrophenol employing ZnO and UV radiations”, proceedings of International “Trombay Symposium on Radiation and photochemistry (TSRP 2008)”, organized by BRNS, DAE in collaboration with Indian Society for Radiation and Photochemical Sciences, held at YASHADA, Pune, India, 2008 pp 213-214.
8. Surabhi Shintre and Pragati Thakur “Heterogeneous Photocatalytic Degradation of Organic Pollutant Present in Synthetic Wastewater” proceedings of Indo-Italian International Conference on Green and Clean Environment (GCE 2008), organized by MITCOE, Pune in association with MPCB, CSIR, AICTE and the Embassy of Italy, held at MITCOE, Pune, India, 2008 pp 329-335.
9. Surabhi Shintre and Pragati Thakur “Photocatalytic degradation of p-nitrophenol over UV irradiated TiO_2 and ZnO” presented in Innovation – 2007, first conference for Pune University Teachers, at University of Pune, during 19-20, 2007.
10. Surabhi Shintre and Pragati Thakur “The effect of UV absorption on the Photocatalytic Oxidation of Refractory Organic Pollutants” at Advances in Chemistry, organized by Department of Chemistry, University of Pune, during 20-21 March 2008.
11. Surabhi Shintre and Pragati Thakur, “Photo-catalytic Degradation of p-Nitrophenol in TiO_2 and ZnO Water Suspension”, 95th Indian Science Congress Association, organized by Indian Science Congress Association, during 3-7 th January 2008 at Vishakapatnam 2008.
12. Surabhi Shintre, Ovhal S.D. and Pragati Thakur, “The effect of UV Absorption on the Photocatalytic Oxidation of Refractory Organic Pollutants”, Seminar on Advances in Chemistry, organized by Department of Chemistry, University of Pune, during 20-21st March 2008.
13. Surabhi Shintre, Hamdan H., Pragati Thakur, “Photo-catalyzed Degradation of p- Nitrophenol Employing TiO_2 and UV Radiations”, ISCAS 2007, organized by R.T.M. Nagpur University, in association with Indian Association of Solid State Chemists and Allied Scientists, during 28-30th November at Nagpur 2007 pp 95.