


## Biodata

### Personal Details

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|-------------------|--|---|
| Name              | Mr. Sachin Samadhan Sagar  |  |
| Designation       | Assistant Professor  |   |
| Qualification     | M.Sc. NET  |   |
| Department        | Chemistry  |   |
| Date of Birth     | 03.06.1985   |   |
| Permanent Address | Chintamani Apartment Flat-02, Sant Sena Nagar, Khed, Dist –Ratnagiri, 415709 |   |
| Emai ID           | <a href="mailto:ssssachin1984@gmail.com">ssssachin1984@gmail.com</a>         |   |
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### Educational Qualification

| Examinations                  | Name of the Board/University                      | Year of Passing | Percentage of marks Obtained | Division / Class / Grade      |
|-------------------------------|---|-----------------|------------------------------|-------------------------------|
| High School / Matric / S.S.C. | Nashik  | 2000            | 77.33                        | Ist division with Distinction |
| Intermediate / (10+2)         | Nashik  | 2003            | 60.33                        | First Division                |
| B.Sc.                         | Pune University, Pune                             | 2006            | 75.33                        | Ist division with Distinction |
| M.Sc.                         | Pune University, Pune                             | 2008            | 67.85                        | Ist division                  |
| NET                           | CSIR, Human Resource Development Group, New Delhi | 2010            | -                            | Pass                          |

**Teaching Experience:** 10 Years

**Research Experience:** 06 Years

**Total Research Paper Published in Journal** -10

**Area of Research interest-** Material Science, Environmental Science

## List of Research Publications

- 1) **S. S. Sagar**, R. P. Chavan, D. N. Shinde, C. L. Patil, S. S. Kekane, Physicochemical Parameters for testing of water-A Review, International Journal of Chemical Studies, Vol. 03, No. 04, 92-102 (2015)
- 2) **S. S. Sagar**, R. P. Chavan, D. N. Shinde, S. S. Kekane, Physico chemical parameters for testing of Soil- A Review, Universal Research Ground, Vol. 03 No. 01, 24-28 (2015)
- 3) S. S. Kekane, R. P. Chavan, C. L. Patil, **S. S. Sagar**, Physicochemical Parameters for testing of water-A Review, Universal Research Ground, Vol. 03 No. 01, 84-91 (2015)
- 4) S. S. Kekane, R. P. Chavan, D. N. Shinde, C. L. Patil, **S. S. Sagar**, International Journal of Chemical Studies, Vol. 03, No. 04, 29-32 (2015)
- 5) Srikant Kekane, **Sachin sagar**, R. P. Chavan, Hydrochemical characterization and quality assessment of Jagbudi river from khed Tahsil, Ratnagiri, Vol. 07, No. 01, (2017)
- 6) **S. S. Sagar**, K. B. Gangurde, Physico- Chemical Analysis of Commercial and Wild Honey from Konkan Region of Maharashtra, Research Journey, 118, 32-37 (2019)
- 7) **S. S. Sagar**, S. K. Ghumbre, K. B. Gangurde, D. M. Sirsat, A study of some Physico-chemical Parameters and Heavy Metals in Adulsa (Adhatoda Vasica) With Medicinal Point of View, Infokara Research, Vol. 01 No. 01, 695-700 (2020)
- 8) **S. S. Sagar**, R. P. Chavan,  $\text{SiO}_2\text{:MgMnO}_3$  catalyst used as an efficient heterogeneous catalyst for one pot synthesis of 1-H pyrazolo [1, 2-b] phthalazine -5,10 dione derivative, Asian Journal of chemistry, Vol. 32(1), 2489-2494 (2020)
- 9) **S. S. Sagar**, R. P. Chavan, An efficient one pot synthesis of 2-aryl Benzoxazole by using  $\text{SiO}_2\text{: MgSnO}_3$  as a Heterogeneous recyclable catalyst, Rasayan Journal of chemistry, Vol. 14(01) (2020), 186-193

## Book Chapter

Dr. D. A. Shanbag, Dr. R. D. Pandit, Dr. M. D. Karad, Dr. M. P. Desai, B. T. Shinde, D. M. Sirsat, Dr. Sagar T. Sankpal, Sachin S. Sagar, **Pathways of Synthetic Drugs & Dyes** T.Y.BSc Saujanya Publication, Mumbai, **ISBN-978-93-88671-05-7**

## Paper presentation in International Level Conference

- 1) **S. S. Sagar**, R. P. Chavan International Conference on **Environment Development and Sustainability** organized by Athalye Sapre, Pitre College, Devrukh, Dist- Ratnagiri Maharashtra on 15 December 2018.

**Title of Paper-** "Synthesis, Characterization of  $\text{CuZrO}_3$  photocatalyst: Their applications for the degradation of Methyl Orange Dye"

- 2) **S. S. Sagar**, R. P. Chavan International Conference on **Smart Materials and Nanotechnology** organized by SKN Sinhgad College of Engineering, Pandharpur, Dist- Solapur, Maharashtra on 02-04 January 2020.

**Title of paper-** “ $\text{SiO}_2$ :  $\text{MgMnO}_3$ : catalyst used as an efficient Heterogeneous Catalyst for one pot synthesis of 1H- Pyrazolo [1, 2-b] phthalazine -5-10-dione derivatives”

### **Paper presentation in National Level Conference**

- 1) **S. S. Sagar**, R. P. Chavan National Conference on **Multi- Disciplinary Research and Pracices-2020** organised by G. M. Vedak College of Science, Tala – Raigad on 15 Feb. 2020

**Title of paper-**“Synthesis, Characterization of  $\text{MgSnO}_3$ , Photocatalyst: Their application for degradation of methyl orange dye “

- 2) **S. S. Sagar**, R. P. Chavan National Conference on **Recent Advances in Chemical and Allied Sciences** organized by B. K. Birla College, Kalyan on 18 January 2020.

**Title of Paper-** “Green chemistry approach for the synthesis of  $\text{MgZrO}_3$  and their photocatalytic study”

- 3) **S. S. Sagar**, National Conference on “**Frontiers in Chemical Sciences**” organized by Shri Vyanktesh Arts, commerce & Sci. College Deulgaon Raja, Dist – Buldhana on 23.12. 2017

- 4) **S. S. Sagar**, National Conference on “ **Redefining the role of Chemistry in Modern Science**” organized by V. N. Naik College, Nashik on 13-14 Feb 2014

### **Other conferences/symposia/winter school/workshop attended**

- 1) One day Workshop on Revised Syllabus with Credit Based Semester and Grading System for the F.Y.BSc organized by University of Mumbai and Dept. of Chemistry, D.B.J. College Chiplun on 10.04.2014S.
- 2) One day Workshop on Avishkar Research Convention organized by organized by Dnyandeep College, Khed on 28.07.2014
- 3) One day State Level Seminar on Importance and Application of Green Chemistry” organized by R. N. Chandak College Nashik Road, in chemistry on 26 .12. 2014
- 4) One day State Level workshop on Laboratory Safety Convention organized by Dept. of Chemistry, G. M. Vedak College, Tala, Dist- Raigad on 29.08.2016
- 5) A state level Conference on New Research Trends in chemistry and its application in Environmental chemistry organized by K. S. S. College Chandwad, Dist –Nashik on 26-27. 02.2016

- 6) One day Workshop on Fire and Safety organized by organized by Dapoli Urban Bank Senior Science College, Dapoli on 11.03.2017
- 7) One day Workshop on Revised Syllabus of Chemistry for T. Y. BSc organized by IQAC board of studies in chemistry, University of Mumbai and Dept. of Chemistry, S.P.K College Sawantwadi on 06 .08.2018
- 8) One day Workshop on Intellectual Property Rights and Art of Writing Research Proposals organized by Athalye, Sapre, Pitre College, Devrukh, Ratnagiri on 11.02.2019
- 9) Five- day online Faculty Development Programme on “Evolution from Offline to Online Teaching” organized by Satish Pradhan Dnyanasadhana College, Thane on 30.05.2020 to 03.06.2020.