

Resume



Name:- Dr. Sagar Tanaji Sankpal
Qualification:- M.Sc. Ph.D. SET
Position :- Associate Professor and Head Department of Chemistry
College:- Nya. Tatyasaheb Athalye Arts, Ved. S.R.Sapre
Commerec and Vid. Dadasaheb Pitre Science College, Devrukh.
Address: A/p- Devrukh, Tal: Sangmeshwar, Dist- Ratnagiri, Pin-415804
Permanent Address : Mauli Nivas, Vasundhara Colony, Ozare Khurd, Devrukh.

Teaching Experience: - 19 Years

Ph. D. thesis submitted to Mumbai University-02

Professional recognition, awards, fellowship received:

- **Recognized Ph.D guide** of Mumbai University
- **Gold Medalist** of the Shivaji University, Kolhapur for securing highest marks in the M.Sc. Chemistry degree.
- Approved Post graduate teacher for M.Sc. (by papers) in Organic chemistry of the University of Mumbai
- Member of Editorial Board of ‘Research Journal of Agriculture Sciences- An International Journal’- Head office: Bhat Complex, Opp. SBI, Near Gurdwara N/H 1-A, Awantipora – 192 122 (J & K), INDIA (Reg No. RNI 00796/10) (Print ISSN -0976-1675, Online ISSN-2229- 4538).
- A chief editor of the proceeding of the national conference on “Renewable Enrgy and Environment” organized by Department of Chemistry, Athalye sapre Pitre College, Devrukh on 25-27 September, 2014.
- A Member of Editorial Board of the Souvenir of the National Conference on Population, Environment and Tourism organized by Athalye-Sapre-Pitre College, Devrukh on 3-5th March, 2011.

- A Member of Editorial Board of the proceeding of the National Conference on "Population, Environment and Tourism" organized by Athalye-Sapre-Pitre College, Devrukh between 3 and 5 March, 2011.
- A Member of Editorial Board of the Souvenir of the National Seminar on 'Human Rights and Social Justice' organized by Athalye-Sapre-Pitre College, Devrukh on 2-3 March, 2012.
- Prof. S. H. Jagadale Memorial Prize for securing highest marks in M.sc. degree Course.
- Shivaji University Merit Scholarship at B.Sc. part II, 2001-2002. (Rs.10, 000/-).
- Shivaji University Merit Scholarship at B.Sc. part III, 2002-2003. (amount Rs. 10,000).
- Maharashtra State Eklavya Merit Scholarship (amounting Rs.10, 000).
- S. J. Jindal Trust, Bangalore, merit scholarship for higher studies (M.Sc. degree) amount Rs. 12000/- in the year 2002-2004.

RESEARCH PROJECT COMPLETED-

1. Minor research Project on "Assessment of pollution of Ratnagiri Coast, Maharashtra, India" funded by University of Mumbai, amount- 30,000/-
2. Minor research project on bioaccumulation of some heavy metals in fish species of Ratnagiri Coast, Maharashtra. Funded by UGC, WRO Pune, amount- 65,000/-

CONTRIBUTION IN THE DEVELOPMENT OF COLLEGE

1. Head, Department of Chemistry
2. Chairman of Publicity Committee
3. Member of Science Association
4. Member of Research Committee
5. Member of Department of Lifelong learning and extension activity
6. Member of Library Committee
7. Member of Cultural committee
8. Member of Examination Committee
9. Member of Admission Committee
10. Member of discipline Committee

11. Member of UGC scheme for development of local based curriculum

List of significant publications (Research Papers and Books) during last five years (with details)

A) In International and national Journals:

1. Suhas G Patil, Jagannath S. Jadhav, Hemant V. Chavan, **Sagar T. Sankpal (2023)**, Ultrasound –assisted efficient synthesis of Azomethine derivatives of 1- Phenylimidazole[1,5-a] Pyridine. *Polycyclic Aromatic Compounds (Taylor and Francis group)*, **43, 1-8**, Print ISSN: 1040-6638 Online ISSN: 1563-5333, IF- 2.15
2. Ghansham B. Sathe, Santosh S. Marathe, Digambar D. Kulkarni, Manoj Lad, **Sagar Sankpal, (2020)**, Synthesis and Characterization of Novel Manganese (II), Cobalt (II) and Nickel (II) Schiff bases complexes of salen ligand, *International journal of grid distributed computing (13)*, **141-146**, ISSN: 2005-4262
3. Karpe S.M., Sirsat D.M., Pakhare K.S., Jadhav S.S., Sankpal S.T. (2022), Synthesis and characterization of arrested precipitation assembled Cu₂Se thin film. *International Journal of Health Sciences*, **6(56), 764-773**, ISSN: **2550-696X**
4. Anil Nikam, Jagannath Jadhav and Sagar Sankpal, (2023), Microwave assisted, Cu-catalysed synthesis of sulfonamide using sodium sulfinates and amines, *Phosphorous, Sulfur, and silicon and related elements*, **198,32-37**, 0975-413X, IF- 1.052
5. S. T. Sankpal and R.R. Surve (2023), Synthesis And Evaluation Of Triazine Based Schiff Base Metal Complexes and Their Stability Constants and Biological Activity, *European Chemical Bulletin*, **12 (4)**, ISBN-9984-9991, **2063-5346, IF-0.40**
6. Shirke A. V., **Sankpal S.T.** and Surve R.R.(2023), Phytochemical screening and identification of spoiled fruits and vegetables, *Sustainability, Agri, Food and Environmental Research*,(2),1-5, ISSN: 0719-3726, UGC Care listed
7. R. M. Patil and **S. T. Sankpal, (2015)**, Seasonal variation in nutrient load of Water along the Ratnagiri coast, Maharashtra, India.. *Indian Journal of Applied Research*, 2249-555X, peer reviewed. Impact Factor 3.919
8. Shivkumar S. Jalde, R.M.Patil, H.V.Chavan and **S.T.sankpal (2015)**, Silicotungstic acid: an efficient and ecofriendly catalyst for synthesis of 12-aryl / alkyl-8,9,10,12-tetrahydrobenzo[a]xanthen-11-one derivative, *Indian Stream Research Journal*. 2230-7850, peer reviewed. Impact Factor 3.45

9. **S.T.Sankpal**, R.M.Patil, P.V.Naikwade, (2015), Studies on seasonal trend in sea water quality of Ratnagiri coast, Maharashtra India, *Bioscience discovery*, ISSN 2231-024x, Peer reviewed , IF 3.42
10. Bhale, Pravin S.; Chavan, Hemant V.; Dongare, Sakharam B.; **Sankpal, Sagar T.**; Bandgar, Babasaheb P.(2018), α -Aroylketene dithioacetal mediated synthesis of (E)-3-(benzo[d]thiazol-2-ylamino)-2-(1-methyl-1H-indole-3-carbonyl)-3-(methylthio) acrylonitrile derivatives and their biological evaluation. *Anti-Cancer Agents in Medicinal Chem.* 2018, 18, 757-764 **1875-5992**, Peer Reviewed, **2.722**, (Bentham Science)
11. Hemant V Chavan¹, Raju M Patil, Shriram D Ganapure, Shivkumar S Jalde, Sagar T Sankpal, (2018), Identification and Synthesis of New Process Related Impurity in Brimonidine Tartarate, *Der Pharma Chemica*, 2017, 9, 32-37, **0975-413X**, Peer Reviewed**Sagar Sankpal** and Pratap Naikwade, (2012), Heavy metal concentration in effluent discharge of pharmaceutical industries., *International Journal- Science Research Reporter*, 2(1): 88–90, ISBN(2249-7846 Online) And 2249-2321 (print), Peer Reviewed And Indexed.
12. **Sagar Sankpal**, Pratap Naikwade and Raju Patil, (2012), Quantification and nutritional value of bycatch of Ratnagiri coast, Maharashtra, India. *International Journal- Asian Journal of Biology and biotechnology*, 1(1):1-11, ISBN-2278-9537, Peer Reviewed And Indexed.
13. **Sagar Sankpal** and Pratap Naikwade, Physicochemical analysis of effluent discharge of fish processing industries in Ratnagiri, India.(2012), *International Journal- Bioscience Discovery*, 3(1): 107-111, ISBN-2229-3469, Impact factor-3.42
14. Pratap Naikwade, Umesh Mogale and **Sagar Sankpal**, (2012), Phyloplane mycoflora associated with mangrove plant *Ceriops tagal* (Perr.), *International Journal- Science Research Reporter*, 1(1): 85-87, ISBN- 2249-7846 (Online) And 2249-2321 (print), Impact factor- 2.83.
15. Pratap Naikwade and **Sagar Sankpal**, (2012), Fungi associated with leaf decomposition of mangrove plant *Aegiceras corniculatum*, *International Journal-Life Sciences leaflet*, 10: 24-29, ISBN-2277-4297 (print) 0976-1098 (online), Peer Reviewed and Indexed.

16. Pratap Naikwade, **Sagar Sankpal** and Bharati Jadhav, (2013), Preservation of spinach by using improved traditional techniques, *International Journal- Bioinfolet*, 9(2): 3-36, ISBN-0976-4755, Peer Reviewed and Indexed.
17. P.V. Naikwade, **S. T. Sankpal** and Jadhav B. B., Management of waste by composting, vermicomposting and its use for improvement of growth, yield and quality of fodder maize, *International Journal- ARPN journal of science and technology*, (2), Special Issue, ICESR 2012 184-194, ISBN- 2305-493X, Peer Reviewed and Indexed.
18. Pratap Naikwade, Ranjit Bansode and **Sagar Sankpal**, (2012), Biofuels: Potential, current issues and Future Trends, *Journal of Today's Biological Sciences: research and Review*, 1(1): 186-198, ISBN-2220-1444, Peer Reviewed and Indexed.
19. Pratap Naikwade, **Sagar Sankpal** and Bharati Jadhav, (2013), Effect of drying methods on nutrient value of vegetables, *International journal- Bioinfolet*, 9(2): 48-56, ISBN- 0976-4755, Peer Reviewed and Indexed.
20. Pratap Naikwade and **Sagar Sankpal**,(2013), Study on cultivation of biofuel crop *Jatropha curcas* Linn., *International Journal of Scientific & Engineering Research*, 4(12): 54-58, ISBN- 229-5518, Impact factor-1.4.
21. **Sagar Sankpal** and Pratap Naikwade, Important biofuel crops; Advantages and Disadvantages, (2013), *International Journal of Scientific & Engineering Research*, 4(12): 1-5, ISBN- 2229-5518, Impact factor-1.4..
22. Nilesh Rokade, **Sagar Sankpal** and Pratap Naikwade, Drinking water quality index of Avashi village of Lote Parshuram Industrial Area (LPIA) of (MS) India, (2014), *International journal of Science Research reporter-* 4(1): 94-100, ISBN- 2249-7846, Impact factor-2.83.
23. N.P. Tendolkar, M.R. Kale and **S.T. Sankpal**, Systematic study of structural, transportant Dielectric properties of $Ba_{(1-x)} Sr_x TiO_3$ synthesized by Chemical method, (2014), *International Journal of Chemical and Physical Sciences*.(3), *Special Issue – NCRTSM*, ISBN- 2319-6602, Impact Factor- 3.76.
24. Raju Patil, **Sagar Sankpal** and Pratap Naikwade, Bioaccumulation of heavy metals in fish species of Ratnagiri Coast, Maharashtra, (2014), *Indian Journal of Applied Research*, 4(7), 393-394, ISBN- 2249-555X, Impact Factor- 3.919.

25. Raju Patil, **Sagar Sankpal** and Pratap Naikwade, Distribution of heavy metals in water and sediment of Ratnagiri coast, Maharashtra, (2014), *Indian Stream Research Journal*, 4(6), 1-6, ISBN- 2230-7850, Impact factor- 4.16.
26. Sagar Sankpal, Raju Patil and Pratap Naikwade, Studies on seasonal trend in sea water quality of Ratnagiri coast, Maharashtra, India, (2015), *International Journal- Bioscience discovery*, 6(1-I) Special,85-92, ISSN: 2231-024X (Online), Impact Factor- 3.42.
27. Raju Patil, **Sagar Sankpal**, Seasonal variation in nutrient load of Water along the Ratnagiri coast, Maharashtra, India, (2015), *Indian Journal of Applied Research*, 5(8), 718-719, ISBN-2249-555X, Impact Factor-3.919.
28. Shivkumar Jalade, Raju Patil Hemant Chavan and **Sagar Sankpal**, Silicotungstic acid: an efficient and ecofriendly catalyst for synthesis of 12-aryl/alkyl-8,9,10,12-tetrahydrobenzo[a]xanthen-11-one derivative, (2015), *Indian Stream Research Journal*, 5(8),515-517, ISBN- 2230-7850, Impact factor-3.45.
29. Pratap Naikwae and **Sagar Sankpal**, Importance of basics in composting, (2015), *International Journal of recent biotechnology*, ISBN- 2322-0392, Impact factor-3.008

B) In the Proceeding of the conference:

1. Pratap Naikwade and **Sagar Sankpal**, (2014) Ethanobotanical study of some plants belonging to Acanthaceae family in konkan Maharashtra.(2014) *National conference on New Viastas in Plant Scienc and biotechnology* organized by New Arts Commerce and science college, Shevgaon.
2. Hemant Chavan and **Sagar Sankpal**, (2015), A grinding induced, efficient and green synthesis of 4,4'-(arylmethylene)-bis-(1H-5-pyrazol-5-ols) by tandam Knoevengel-Michael reaction, (2015), *National conference on Renewable Energy and Environment* organized by ASP College, Devrukh, ISBN-978-93- 84663-07-7.
- 3.

Research Paper presented in International and National Conferences:

1. Paper Presented entitled “Physiochemical assessment of drinking water of Sadavali MIDC area in the *National Conference on Tourism Environment and Population on 3-5th March 2011*, Organized by ASP College Devrukh
2. Paper Presented entitled “Environmental impact assessment of mining in Reddi village, Sindhudurg in the *National Conference on Tourism Environment and Population, 3-5th March 2011*, Organized by ASP College Devrukh
3. Paper Presented entitled “Physicochemical analysis of effluent discharge and vegetable samples grown on effluent from Lote Pershram industrial area, Maharashtra, India in the *International Conference on Advances in Biological Sciences, 15-17 March 2012*, Organized by Kannur University Kerala
4. Paper Presented entitled “Vermicomposting Biotechnology for improvement of quality and yield of spinach in the *International Conference on Advances in Biological Sciences, 15-17 March 2012*, Organized by Kannur University Kerala
5. Paper Presented entitled “Science in the Service of Human Rights in the *National Conference Human Rights and Social Justice, 2-3 March 2012*, Organized by ASP College Devrukh
6. Paper Presented entitled “Studies on Alternatives to *Jatropha Curcus Linn.* As Biofuel crop in the *International Conference on Climate change and Sustainable management of Natural resources, 5-7 March 2012*, Organized by ITM University Gwalior
7. Paper Presented entitled “Basic research in heavy metal pollution of coastal water in the *National conference on Basic research and Applied research in life sciences., 5-6 october, 2012*, Organized by S.B.E.S. College, Aurangabad
8. Paper Presented entitled “Prachin Vimanshstra in the *National conference on Indian Science Literature, 21-22 Dec. 2012.*, Organized by Shri shiv Shahu Mahavidyalaya, Sarud.
9. Paper Presented entitled “Assessment of spatial and temporal fluctuation in water quality of Ratnagiri coast, Maharashtra, India, in the *International conference on Transfer of Biotechnology and Land use Management for sustainable development, 16-17 Feb. 2013*, Organized by Govt. College, Aron. M.P.

10. Paper Presented entitled “New credit and grading system and quality in higher education in the *National conference on the prospectus and Paradigms of quality enhancement in HEI, 5-6 April 2013*, Organized by ASP College Devrukh
11. Paper Presented entitled “Seasonal variation in nutrient load of water along the Ratnagiri Coast, Maharashtra, India in the *International conference on Ecosystem conservation, climate change and sustainable development, 3-5 Oct. 2013*, Organized by University of Kerala, Thiruvananthapuram, Kerala
12. Paper Presented entitled “Important biofuel crops; Advantages and Disadvantages, in the *International conference on Emerging trends in renewable energy, 27-28 Dec. 2013*, Organized by C.V.Raman College of Engineering, Bhubaneswar, Odisha.
13. Paper Presented entitled “Environmental impact assessment of tourism on Ratnagiri coast, in the *National seminar on New vistas in Plant Science and Biotechnology, 2-3 Aug., 2013*, Organized by New Arts, Commerce and Science College, Shevgaon
14. Paper Presented entitled “Potential of coastal area for ecotourism in Ratnagiri district, Maharashtra in the *National conference on Environment Management and Biodiversity Conservation, 17th to 18th January, 2014*, Organized by Abasaheb Marathe Arts and new Commerce, Science college, Rajapur.
15. Paper Presented entitled “Distribution of heavy metals in water and sediment of Ratnagiri Coast, Maharashtra, in the *National research Scholar Meet 2014, February, 21-22, 2014.*, Organized by CKT College Panvel
16. Paper Presented entitled “Review of Heavy metal analysis of Sea Water in the *National Conference on “Frontiers in Chemical Sciences., 30th June, 2014*, Organized by Solapur University, Solapur, Maharashtra
17. Paper Presented entitled “Geothermal Energy Resources for Power Generation in India in the *National conference on Reneable Energy and Environment, 25-27 Sep. 2014*, Organized by Athalye sapre Pitre College, Devrukh
18. Paper Presented entitled “Studies on Seasonal Trend in Sea Water Quality of Ratnagiri Coast, Maharashtra, India in the *National conference on Reneable Energy and Environment, 25-27 Sep. 2014*, Organized by Athalye sapre Pitre College, Devrukh

19. Paper Presented entitled "Drinking Water Quality Index of Avashi Village of Lote Parshuram Industrial Area of Maharashtra, in the *National conference on Reneable Energy and Environment, 25-27 Sep. 2014*, Organized by Athalye sapre Pitre College, Devrukh
20. Paper Presented entitled "Distribution of heavy metals in sea water and sediment of Ratnagiri coast in the *International Conference on Contemporary research in Chemical and Life Sciences, 22-23 April, 2015*, Sadguru Gadage Maharaj College, Karad
21. Paper Presented entitled "Efficient Solvent free synthesis of phthopyranopyrimidies using heteropoly acids as a catalyst, *National Conference on Recent Dvelopments in Chemical and material Sciences, 5-6 February, 2016*, Organized by Dapoli Urban Banks Science college, Dapoli
22. Paper Presented entitled "Desigh, synthesis and structural correlation of novel methoxylated pyrazole scaffolds by 2D spectroscopic methods in the *National Conference on Recent analytical techniques in quality control of food, bevareges and Natural products, 18-19 December, 2015*, Organized by S. H. Kelkar College, Devgad.

B) Organization of National Conference:

1. Organizing Secretary of UGC Sponsored National Conference on Renewable Energy and environment organized by department of Chemistry during 25-27 September, 2014.
2. Organizing Committee Member of the State Level Research Paper Presentation Competition organized by Department of Geography, Athalye - Sapre - Pitre College, Devrukh on January 14, 2011.
3. Organizing Committee Member of the National Conference on Population, Environment and Tourism organized by Athalye-Sapre-Pitre College, Devrukh on 3-5th March, 2011.
4. Organizing Committee Member of two-day National Level Workshop on 'Remote Sensing and GIS Applications in Geography, organized by Department of Geography, Athalye-Sapre-Pitre College, Devrukh between 9th and 10th January, 2011.
5. Organizing Committee Member of the National Seminar on 'Human Rights and Social Justice' organized by Athalye-Sapre-Pitre College, Devrukh on 2-3 March, 2012.