

M.S.P ARTS, SCIENCE &K.P.T COMMERCE COLLEGE MANORA

DIST.WASHIM

DEPARTMENT OF CHEMISTRY

FACULTY PROFILE

- 1) Name : **Dr. Swapnil D. Bhagat**
2) Designation : Assistant Professor
3) Department: : Department of Chemistry
4) Date of Joining : 01/01/2020
5) Date of Retirement : 31/03/2048
6) Teaching Experience : 07 Year (C.H.B.) UG and 1.5 Y
7) Date of Birth: : 5th March 1988
8) Email Address : swapnil9388@gmail.com
9) Educational Qualification: M.Sc, (CHEM.), B.Ed. & Ph.D



Specialization: Organic Chemistry

Subject taught: Organic Chemistry, Inorganic Chemistry, Coordination Chemistry, Spectroscopy

Teaching methods applied:

- Questions are asked in the classes during and after the completion of lecture and relevant answers are encouraged.
- Some topics from the syllabus and some related advance topics are announced in advance for group discussion.
- Students are asked to deliver the seminars on different topics from the syllabus.
- If necessary overhead projectors, transparencies, different models related to chemistry and LCD projector and internet facilities are used.
- ICT, Video lectures of expert, PPT slides are used.

A) Research papers published: (08)

1. N.S.Thakare, **S.D.Bhagat**, “Determination of Physicochemical Properties and Organochlorine pesticide residues in water from Adan dam reservoir of KaranjaTahesil” *Multilogics in Sciece*.**2015**, Volume IV, issue XI.
2. N.S.Thakare, **S.D.Bhagat**, R.M. Jumle “Seasonal variations in Physico-chemical parameters and Incidence of Pesticide residues of Poha dam reservoir of Karanja (Lad), Dist- Washim (M.S.)” *International Journal of Physical and Chemical Sciences*, IJCPS Vol.4 , Special Issue- NCSC Jan-**2015**.
3. **Swapnil D. Bhagat**, Nandkishor S. Thakare and Sopan D. Ingole, “Synthesis and spectral analysis of some new phenolic azo dyes”, *International Journal of ChemTechesearch*, **2017**, 10(9): 160-163.
4. **Swapnil D. Bhagat** and Nandkishor S. Thakare, “Synthesis, Spectral Characterization And Antimicrobial Activity Of Some Azo Dyes Derived From P-Cresol”, *IJPRET*, **2017**; Volume 6 (2): 510-516.
5. **Swapnil D. Bhagat** and Nandkishor S. Thakare, “Synthesis and antimicrobial activity of some new 2-nitrophenol incorporated azo dyes”, *Journal of Advanced & Innovative Research*. **2017**, Volume 4, Issue 4 (I): October – December: 18-24.
6. Ingole, S.D., Thakare, N.S. & **Bhagat, S. D**, “Assessment Of Physiochemical Parameters And Organochlorine Pesticides Of Drinking Water From Manora Tehsil Dist. Washim” *Aayushi International Interdisciplinary Research Journal (AIIRJ)*, Special Issue No. 26, Proceedings of the International Conference on Recent Trends in Science & Technology ICRTST 2018.
7. Tathe, V.W., Deshmukh, A.Y. & **Bhagat, S.D**, “Analysis Of Drinking Water Quality Of Karanja Tehsil, Dist. Washim”, *Aayushi International Interdisciplinary Research Journal (AIIRJ)*, Special Issue No. 26, Proceedings of the International Conference on Recent Trends in Science & Technology ICRTST 2018.
8. N.S.Thakare*, S.D. Ingole, & S.D. Bhagat, “Investigation of organochlorine Pesticide Residues in Water Samples from Sonal Dam Mangrulpir, Washim”, *RESEARCH JOURNEY’ International E- Research Journal*, Special Issue 110 (B), **2019**, 415-418.

B) Papers presented in Conferences, Seminars, Workshops, Symposia.

Research Papers Presented in Conferences:

International

1. “One pot synthesis of Coumarins using Eco-friendly Catalyst and study of their of their Biological Activity”, International conference on “Advanced Polymers for Science and Technology”, (APST-2016) organized by Department of Chemistry, School of Advanced Sciences, VIT University, Vellore, INDIA during 24-26, October 2016. **(Poster Presentation)**
2. “Synthesis, Spectral Characterization and antimicrobial activity of some Azo dyes derived from p-cresol”, International Conference on “Advances in Sciences, Technology & Management” (IC-ASTM) organized by College of Engineering & Technology, Akola, INDIA on October 10th, 2017. **Poster Presentation)**
3. “Assessment Of Physicochemical Parameters And Organochlorine Pesticides Of Drinking Water From Manora Tehsil Dist. Washim” International Conference on “Recent Trends in Science & Technology (ICRTST 2018)” organized by S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad), Dist. Washim (M.S.) India on March 22-23, 2018. **(Poster Presentation)**
4. “Analysis Of Drinking Water Quality Of Karanja Tehsil, Dist. Washim”, International Conference on “Recent Trends in Science & Technology (ICRTST 2018)” organized by S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad), Dist. Washim (M.S.) India on March 22-23, 2018. **(Poster Presentation)**

National :

1. “Seasonal variations in Physico-chemical parameters and Incidence of Pesticide residues of Poha dam reservoir of Karanja (Lad), Dist- Washim (M.S.)”, National Conference on “Sustainable Chemistry : Frontiers and Challenges” (NCSC-2015), organized by Department of Chemistry, BrijlalBiyani Science College, Amravati during January 30-31, 2015. **(Poster Presentation)**
2. “Studies on Physicochemical Properties of Kajaleshwar Dam”, One day National Conference on “Recent trends in Chemical Sciences” (RTCS-2015), organized by Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur (Jain), Tq-Malegaon, Dist. Washim, On April 26th 2015. **(Poster Presentation)**
3. “Occurrence of Organochlorine Pesticide Residues in water samples collected from Sonal dam Mangrupir, Washim (M.S.)”, National Conference on “Chemical Sciences: Emerging Scenario & Challenges” (NCCS-2016) organized by Department of Chemistry, Sant Gadge Baba Amravati University, Amravati, during January 29-30, 2016. **(Poster Presentation)**

4. “Contamination by Organochlorine Pesticides form surface water of Singdoh Dam Manora, Washim (M.S.)”, National Seminar on “Recent Trends in Life Sciences & Material Sciences”, organized by Rashtrapita Mahatma Gandhi Arts & Science College Nagbhid in Collaoration with Dept. of Forest, Bramhapuri Division (Govt. of Maharashtra) during March 14-15, 2016. **(Poster Presentation)**
5. “Synthesis and antimicrobial activity of some new 2-nitrophenol incorporated azo dyes”, National conference on **“Role of Researchers towards Green Economy”**(RRCE), organized by Shankarlal Agrawal Science college, Salekasa, Dist. Gondia in Collaboration with Indian Academicians and Researchers Association, on 16th November 2017. **(Poster Presentation)**

Conference/ Seminar Attended:

1. National Seminar on **“Use of ICT in Teaching, Learning and Evaluation”** organized by Internal Quality Assurance cell (IQAC), M.S.P. Arts, and Science& K.P.T. Commerce College Manora, on January 7-8, 2019.
2. National Conference on **“Recent advances in Science and Technology”** organized by GopikabaiSitaramGawandeMahavidyalayaUmarkhed, Dist. Yavatmal, on March 5-6, 2019.

Workshop Attended:

1. Workshop on **“Coalescence of Chemical Sciences to Comfort the Challenges of Sustainability”** jointly organized by Royal Society of Chemistry, UK-West India Section, Department of Chemistry, Sant Gadge Baba Amravati University, Amravati during September 19-20,2014.
2. National Workshop on **“Scientific Research Paper Writing”** jointly organized by the National Academy of Sciences, India and Dept. of Chemistry, Sant Gadge Baba Amravati University, Amravati during March 04-05, 2016.
3. One day Workshop on **“Research Methodology and Perspectives”** Organized by the Research Coordination Committee under IQAC of Vidyabharti Mahavidyalaya Amravati, on November 26, 2016.
4. One day Workshop on **“Patent and Its Global Perspectives”** organized by Department of Chemistry, Vidyabharti Mahavidyalaya Amravati, on April 18, 2017.
5. One day Workshop on **“Pursuing Research in New Contexts at SGBAU, Amravati”** organized by Department of Chemistry under IQAC of Vidyabharti Mahavidyalaya Amravati, on August, 12th 2017.
6. One day Workshop on **“NAAC: A concept and Related Aspects”** organized by S.S.S.K.R. InnaniMahavidyalaya, Karanja (Lad), Dist. Washim (M.S.) India, on December, 08th 2017.

7. One day Workshop on “**Patent Drafting, Filing & Processing**” organized by VidyabhartiMahavidyalaya Amravati, on November, 29th 2018.

Major Research Project:

Worked as Project Fellow in the UGC sponsored Major Research Project entitled, “**Studies on incidence and extent of pesticide residues in natural water reservoirs in washim district on vidarbha region.**” Under the supervision of Principal Investigator Dr. N.S. Thakare, Principal, M.S.P.Arts, Science & K.P.T. Commerce College, Manora.

Ph. D. Thesis Title:

“Synthesis, characterization and antimicrobial study of some new azo dyes from phenolic compounds.”

Dr. Swapnil D. Bhagat