**Faculty Profile**

|  |  |
| --- | --- |
| **Dr. Ashish G. Sarap**  Assistant Professor  Department of Chemistry,  Shri R.L.T.College of Science Akola  **Contact Info:**  **9823166556, 7972116864**  **Sarap.aashish1@gmail.com** |  |

|  |  |  |
| --- | --- | --- |
| 1 | Name | DR. Ashish Govindrao Sarap |
| 2 | Designation | Assistant Professor |
| 3 | Department | Chemistry |
| 4 | Educational Qualification | M.Sc. Chemistry., Ph.D |
| 5 | Specialization | Organic Chemistry |
| 6 | Area of Research | Nanotechnology, Drug Designing |
| 7 | Date of Birth | 19th April 1983 |
| 8 | Date of joining | 10th June 2014 |
| 9 | Teaching Experience | UG- 09 years PG-09 years |
| 10 | Email. Address | Sarap.aashish1@gmail.com |

1. **Academic Qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.No. | Degree | Name of University/Board | **Year** | **Division** |
| 1 | Ph.D. | Sant Gadge Baba Amravati Univrersity, Amravati | 2011 | NA |
| 3 | M.Sc. | Sant Gadge Baba Amravati Univrersity, Amravati | 2006 | I |
| 4 | B.Sc. | Sant Gadge Baba Amravati Univrersity, Amravati | 2004 | I |
| 5 | H.S.S.C. | Amravati Board | 2001 | II |
| 6 | S.S.C. | Amravati Board | 1999 | II |

1. **Teaching and Research Experience**

|  |  |
| --- | --- |
| **Teaching Experience** | **Experience in Years** |
| Teaching Experience at Degree Level | 09 yrs. |
| Teaching Experience at Post-Graduate Level | 09 yrs. |
| Research Experience | 09 yrs. |

1. **Membership of professional bodies**

|  |  |
| --- | --- |
| 1 | The Indian Science Congress Association, Kolkata |
| 2  3 | Member of Amravati University Chemistry Teachers Association, Amravati  3. Member of Association of Chemistry Teacher Homi Bhabha Center for Science Education M Mumbai |

1. **Research degree (s) particulars**

|  |  |  |
| --- | --- | --- |
| Degrees | Title | Date of award |
| M. Phil. | NA |  |
| Ph.D. | Synthesis and Structural Studies of N-Glucosylated Amides and Related Compounds | 2011 |

1. **Recognition**

Recognized as Ph. D. Supervisor in Chemistry of Sant Gadge Baba Amravati University, Amravati

1. **Books Published**

|  |  |  |  |
| --- | --- | --- | --- |
| S  N | Title of Book, Publisher, Year, Page Nos. and Author: | Local / National / International  Publisher | ISBN No. |
| 1. | Chemistry Practical Book of B.Sc, I Year. | National | 978-93-8815-1-00-9 |
| 2 | A Text Book of Organic Chemistry for B.Sc. I year (Semester-I) | National | 978-93-5457-896-0 |

1. **Research Project:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S  N | Title | Agency | Period | Grant (Rs. In Lakhs) |
| 1. | Special Distrubution of Uranium and associate water quality parameter in Ground water/Drinking water | BRNS Board | 2016-2018 | 24,49,000 |

1. **Research Guidance**

|  |  |  |  |
| --- | --- | --- | --- |
| Degree | Number Enrolled | Thesis Submitted | Degree Awards |
| M.Sc. Project | 26 | 26 | 26 |
| M.Phil. | -- | -- | -- |
| Ph.D. | -- | -- | -- |

1. **Participation in Conferences / seminars /workshops /conventions/webinars**
2. 99th Session of the Indian Science Congress at KIIT University, Bhubaneswar
3. 100th Session of the Indian Science Congress at Kolkata University, Kolkata
4. 16th Annual Convention & One Day Seminar on ‘Role of Chemistry in Rural Industrialization’ Dr. R. G. Rathod Arts & Science College, Murtizapur (2015).
5. Workshop on “Career Opportunity for Graduates” Shri R. L. T. College of Science, Akola (2015).
6. Workshop on “Role of Stakeholders in IQAC and NAAC” Shri R. L. T. College of Science, Akola (2015).
7. Workshop on “MANUS NAVA GHADVU YA” Shri R. L. T. College of Science, Akola (2015).
8. Workshop on “Spectroscopic and Stereospecific Perspectives of Chemistry” Shri R. L. T. College of Science, Akola (2015).
9. University level workshop on, “Encouraging Environment Awareness” at Smt. R. D. G. College for women, Akola on 30/07/2015
10. District level Workshop on “Protection of women against the sexual harassment at working place Low-2013” on 08/10/2015
11. 17th Annual Convention & One Day Regional Seminar on ‘Restructuring of Chemistry Syllabi: Challenges and Opportunities’ Organised by Vidharbha Youth Welfare Society, Amravati And R. D. I. K. & N. K. D. College, Badnera on 04/10/2015.
12. 18th Annual Convention & One Day Seminar on ‘Recent Advances in Electrochemistry” at Shri R. L. T. College of Science, Akola (dt. 21/08/2016).
13. One day Workshop on “NAAC Assessment & Accrediation process At Shri R. L. T. College of Science, Akola (dt. 23/07/2017)
14. **Contribution in Organization of National/ International seminar, workshop and conferences**

|  |  |  |  |
| --- | --- | --- | --- |
| ,,S.No. | Seminar/Workshop/Conferences | Level | Post Held |
| 1. | Organized one month add on course on’ Digital Skill for creative teachers’, for the Teacher-students of Government B.Ed. College Akola and Yawatmal (10th July 2021-8th August 2021) | University | Organizing Member |
| 2. | Organized one day workshop on Hazardous waste Management and training of fire Extinguisher on 16th sept. 2021. | District | Organizing Member |
| 3. | Organized one day workshop on Drug Designing and Drug Discovery on 4th October 2021. | District | Organizing Member |
| 4. | Organized Add-On Course on Personality Development in collaboration with Career counseling Cell, Arts, Comm, Science college Chikhaldhara and S.G.B.A. U. from 6th December to 11th Dec. 2021 | University | Member |
| 5. | Organized Soft Skill Development Workshop from 5th Jan.2022 to 8th Jan. 2022 in collaboration with Student development Cell S.G.B. A.U. | College | Organizing Member |
| 6. | Organized hands-on- workshop on Perfume and Air Freshner (Herbal Product Making) on 28th February 2022 | College | Organizing Member |
| 7. | Organized Elocution and Rangoli Competition on the topic Gender Equality on occasion of women’s Day, 8th March 2022. | College |  |
| 8. | Organizing Hands-on Workshop under the theme of Make-In- India for the women’s of Adopted Village on Herbal Product Preparation. | District | Organizing Member |
| 9. | Organized Online Faculty Development Programme on E-content Development from 8th June To 13th June 2020. | National | Organizing Member |
| 10. | Coordinated Online training course on Geospatial Inputs for Enabling Master Plan Formulation’ conducted by Indian Institute of Remote sensing, Dehradun, ISRO & Department of Space Govt. of India from 27th July – 31st July 2020. | National | Organizing Member |
| 11. | Organized Online Short Term Course on Research Methodology’ in Collaboration with Ph.D. Cell S.G.B.Amravati university Amravati, AUCTA and MIS. 13th July to 16th July 2020. | National | Organizing Member |
| 12. | Organized soft skill development Programme in collaboration with Student development cell, S.G.B.A.U, 03.10.2019-08.10.2019 | College | Organizing Member |
| 13. | Organized workshop for college coordinators of AVISHKAR.19th September 2019.  2. Organized District level AVISHKAR Competition for college students. 10th Jan 2020. | District | Organizing Member |
| 14. | Organized National Conference on multidisciplinary Research in Science and Technology for Healthy Life. 24th Jan 2020. | National | Organizing Member |
| 15. | Organized National Level Workshop Cum Seminar on Art of Perfume and Soap Making, at Shri R.L.T.College of Science, Akola Dated on 8th Sept. 2018. | National | Organizing Member |
| 16. | Organized Workshop on Spectroscopy and stereospecific Perspective of Chemistry at Shri R.L.T. College, Akola(14-15) | University | Organizing Member |
| 17. | Organized District Level workshop of Avishkar- A Research Festival on 10th of December 2022. | University | Organizing Member |

1. **Administrative Responsibility**

|  |  |  |
| --- | --- | --- |
| Sr. No | Responsibility | Nature of work |
| 1 | Member | Prize Distribution Committee (Every 26Jan) |
| 2 | Member | Criterion-II Teaching Learning & Evaluation |
| 3 | Member | Achievement Committee (Every 24 Dec) |
| 4 | Member | Soft Skill Development Workshop |
| 5 | Member | Carrier Counselling & Placement Cell |
| 6 | Member | Remedial Coaching Class |
| 7 | Guardian Teacher | B5 batch B.Sc- I (120-Onwords ) |

1. **Use of Innovative Teaching Learning Methodology**

* YouTube videos,
* Live lecture by zoom & Google meet platform were conducted in pandemic situation.
* PPT, Notes, Question bank, Practical Manual were provided on Google Classrooms.
* Practice Exam was conducted by Google Form/ Testmoze

**13. Training Courses, Teaching-Learning-Evaluation Technology Programs, Development Programme**

|  |  |  |  |
| --- | --- | --- | --- |
| S. No. | Programme | Duration | Organized by |
| 1 | 36thOrientation Programme | 01/07/2016 to 28/07/2016 | Human Resource Development Center, S. G. B. Amravati University, Amravati |
| 2 | Refresher course in Chemistry | 9th November 2017 to 29th November 2017 | Human Resource centre Devi Ahilya Vishwavidyalaya Indore |
| 3. | Two Week Faculty Development Programm on Managing Online Classes &Co-Creating MOOCS 2.0 | 18/05/2020 to 03/06/2020 | TLC Ramanujan College University of Delhi |
| 4. | Two Week Inter- Disciplinary Refresher Course on Managing Online Classes &Co-Creating MOOCS 5.0 | 11/05/2021 to 25/05/2021 | TLC Ramanujan College University of Delhi |
| 5 | Online refresher course in Quality in Higher Education | 06/09/2021 to 19/09/2021 | HRDC Gujarat University, Ahmedabad |

**14.Research Publications:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. No | Title of Paper | Name of Author | Name of Journal | Publisher | Vol. No. (Issue No.) | Page No | Year | Impact Factor (If any) |
| **1.** | Comparative Studies of Microwave Assisted Synthesis with Convensonal Synthesis of some novel glucosylated thiobiurets | Dr. A. G. Sarap | International Journal Pure and Applied Research Engg & Tech |  | 5(2) | 429 | (2016) | Yes, 4.5 |
| 2. | A Novel Studies of Synthesis of Nanopartical of some Lactosylated Dithiobiurets and their XRD Studies | Dr. A. G. Sarap | International J. Pure and Applied Res. in Engg. and Tech., |  | 6(2) | 238-245 | (2017) | Yes, 4.5 |
| **3.** | A Novel Studies of synthesis of nanopartical of 2-S-Tetra-O-Acertyl –B-D-galactosyl-1aryl-5-Tetra-O-acetyl-B-D-glucosyl -2-isothiobiurets and their XRD studies | Dr. A. G. Sarap | Research Journey “International E-Research Journal ” |  | Special Issue 110(B) | 53-58 | 2019 | **--** |
| **4.** | A Novel Studies of synthesis of Nanopartical of some maltosyl thiobiurets and their XRD, SEM and microbial Studies | Dr. A. G. Sarap | Aayushi International Interdisciplinary Research Journal |  | Special Issue No. 70 | 168-172 | Jan-2020 | **----** |
| **5** | A Microwave Assisted Synthesis of 1-Tetra-*O*-acetyl-*β*-*D*-glucosyl-3-aryl-carbamide and their Comparative Studies | Dr. A. G. Sarap | Vidyabharati International Interdisciplinary Research Journal (VIIRAJ) |  | Special Issue May-2020 | 316-320 | May-2020 | **---** |
| **6.** | SYNTHESIS OF 1-ARYL – 5 - TETRA – O – ACETYL – Β – GLUCOSYL – 2 - S – BENZYL – 2, ISOTHIOBIURETS | Dr. A. G. Sarap | JUNI-KHYAT |  | Vol-10 Issue 6(4) | 217-223 | June-2020 |  |
| **7.** | A novel investigation of nanoparticles glucose penta acetate and their comparative study | Dr. P. T. Agrawal, Dr. A. G. Sarap, K. M. Kalange | Vidyabharati International Interdisciplinary Research Journal, |  | Sp. Issue | 263 | 2020 |  |
| **8.** | A systematic investigation of nanoparticle synthesis of 1-tetra-O-acetyl-β-Dglucosyl-3-aryl thiocarbamide, | Dr. P. T. Agrawal, Dr. A. G. Sarap, K. M. Kalange | Research Journey - International E-Research Journal |  | Special Issue 266(E) | 36, | 2021 |  |
| **9.** | A efficient synthesis of nanoparticle of some benzothiazoles derivative of glucose | Dr. P. T. Agrawal, Dr. A. G. Sarap, K. M. Kalange | Aayushi International Interdisciplinary Research Journal, |  | Special Issue 109(Sp.) | 392 | 2022 |  |