

## Faculty Profile



1. Name of the applicant as per official record : Dr. Pravin Raghunath Kawle
2. Department : Chemistry
3. Address for correspondence : Shri R.L.T. College of Science,  
Civil Lines, Akola
4. Email ID : pravinkawle@rltsc.edu.in  
pravink280685@gmail.com
5. Mobile number : 9850378098/
6. Sex (Male/Female) : Male
7. Date of Birth (DD/MM/YYYY) : 28/06/1985
8. Age as on 31<sup>st</sup>December 2022 : 37 Years
9. Academic Qualification : M.Sc. Ph. D., NET (JRF)

| Examinations | Name of the Board/University           | Year of Passing | % of Marks obtained | Division/Class/Grade | Subject/s         |
|--------------|--|-----------------|---------------------|----------------------|-------------------|
| B. Sc.       | Amravati Board, Amravati               | Summer-2005     | 56                  | II                   | Chem, Phy, Math   |
| M. Sc.       | S. G. B. Amravati University, Amravati | Summer-2007     | 64                  | I                    | Organic Chemistry |
| NET          | UGC-HRDC, CSIR                         | June 2008       | -                   | -                    | Chemical Sciences |
| Ph. D        | S. G. B. Amravati University, Amravati | June-2016       | -                   | -                    | Chemical Sciences |

10. **Recognized Ph. D. Supervisor** in Chemical Sciences March-2019, Sant Gadge Baba Amravati University, Amravati

11. **Teaching experience (in years)** UG : 14 Years PG : 13 Years

12. **Academic Staff College Orientation/Refresher Course attended:**

| S.No. | Name of the Course/<br>Summer School   | Place  | Duration                 | Sponsoring Agency |
|-------|--|--|--------------------------|-------------------|
| 1.    | 73 <sup>rd</sup> Orientation Programme | UGC-ASC Rashtrasant Tukadoji Maharaj Nagpur University | 27.06.2011 to 24.07.2011 | UCG- New Delhi    |
| 2.    | Refresher Course in Chemistry          | UGC-ASC Dr. Babasaheb Ambedkar Marathwada University   | 06.08.2012 to 29.08.2012 | UCG- New Delhi    |

|    |  |  |                          |                |
|----|--|--|--------------------------|----------------|
| 3. | Refresher Course in Chemistry                      | UGC-ASC Rajasthan University, Jaipur   | 04.09.2017 to 23.09.2017 | UGC- New Delhi |
| 4. | Refresher Course in Chemistry for Higher Education | online-ARPIT through SWAYAM            | February 16-2020         | HRDC           |
| 5. | Short Term Course on Soft Skill Development        | UGC- ASC Gujarat University, Ahmedabad | 10.05.2021 to 16.05.2021 | UGC- New Delhi |
| 6. | Short Term Course on Medicinal & Aromatic Plants   | UGC- ASC JNV University, Jodhpur       | 02.03.2022 to 07.03.2022 | UGC- New Delhi |

### 13. Research Guidance: Number of Research Students Guided

| Degree | Number Enrolled | Thesis Submitted | Degree Awards | API Score |
|--------|-----------------|------------------|---------------|-----------|
| Ph.D.  |                 |                  |               |           |

### 14. Research Publications:

| S.No. | Title with Page Nos.  | Name of Journal                            | National/ International/ State /Local | Whether Peer reviewed | Whether you are the main author |
|-------|---|--|---------------------------------------|-----------------------|---------------------------------|
| 1.    | Synthesis and biological evaluation of pharmacologically important [1,2,4]-dithiazolidines, 10(2), (2012), 895-900.             | International Journal of Chemical Sciences | National                              | Yes                   | Yes                             |
| 2.    | Microwave assisted cyclization of acridinyl thiourea into dithiazolidines and their antimicrobial study, 5(2), (2013), 301-304. | Der Pharma Chemica                         | National                              | Yes                   | Yes                             |
| 3.    | Synthesis of some new substituted benzothiazoles using aminoacridine, Jan-March, (2013), 279-282.                               | Indian Journal of Heterocyclic Chemistry   | International                         | Yes                   | Yes                             |
| 4.    | Synthesis, antituberculosis and antimicrobial study of some new aminoacridine linked Pyrazoles, 52B, (2013), 1531-1535.         | Indian Journal of Chemistry                | International                         | Yes                   | Yes                             |

|     |  |  |               |     |     |
|-----|--|--|---------------|-----|-----|
| 5.  | MW Assisted Synthesis of Pyrazole Substituted Acridines and Their Antimicrobial Study 23(3), (2014), 253-256.  | Indian Journal of Heterocyclic Chemistry                       | International | Yes | Yes |
| 6.  | Synthesis of some acridin-9-yl-aryl-thiourea and their antimicrobial study, 4, (2015), 284-288.  | International Journal of Chemical & Physical Sciences          | National      | Yes | Yes |
| 7.  | Ecofriendly synthesis of some benzothiazoles containing acridine moiety and their antimicrobial activity, 54B, (2015), 833-836.  | Indian Journal of Chemistry                                    | International | Yes | Yes |
| 8.  | Synthesis of heterocycles containing pyrimidine-acridine rings by microwave irradiation, antimicrobial study and its comparison with classical heating, 92, (2015), 925-928. | J. Indian Chemical Society                                     | International | Yes | Yes |
| 9.  | Synthesis and antimicrobial screening of novel bis-triazolo-dithiazolidines containing bridgehead nitrogen, 92, (2015), 911-914.   | J. Indian Chemical Society                                     | International | Yes | -   |
| 10. | MW induced preparation of acridin-9-yl-bis-benzothiazol-2-yl-amines and antituberculosis activity, 6(4), (2016), 216.  | American J. Pharm. Tech. Research                              | National      | Yes | Yes |
| 11. | Comparative analysis and antimicrobial study of cow's urine from rural and urban areas 9, (2016), 31.  | Asian Journal of Pharmaceutical and Clinical Research          | National      | Yes | Yes |
| 12. | Comparison of conventional, microwave and grinding techniques for synthesis of benz-azoles, 5(2), (2016), 265.   | Inter. Journal of Pure and Applied Research in Engineering and | National      | Yes | Yes |

|     |   |   |               |     |     |
|-----|---|---|---------------|-----|-----|
|     |   | Technology  |               |     |     |
| 13. | A simple approach for preparation of bis-(2-aryl)-1-H-benzimidazole nickel (II) chloride complex, 6(2), (2017), 362.  | Inter. Journal of Pure and Applied Research in Engineering and Technology | National      | Yes | Yes |
| 14. | One step iodine promoted synthesis of imidazol-2-one and pyrimidin-2-one, 7(11), (2017), 898.                         | Journal of Chemistry and Chemical Sciences                                | National      | Yes | Yes |
| 15. | Acridine substituted [1,2,4]-dithiazolidines: A potent larvicidal and seed germination promoting agent, (2018), 1134. | Aayushi Inter. Interdisc. Research Journal                                | National      | Yes | Yes |
| 16. | Impact of idol immersion on water quality of Pinglakshi Lake of Risod in Washim district, 3(1), (2019), 40776.        | AJANTA,   | National      | Yes | Yes |
| 17. | One step synthesis of aryl-acridines using aromatic acid, 7(2), (2020), 399.  | JETIR   | National      | Yes | Yes |
| 18. | Barium chloride catalyzed synthesis of acridine/tetrahydro acridine derivatives under microwave heating, (2020), 195. | Aayushi Inter. Interdisc. Research Journal                                | National      | Yes | Yes |
| 19. | Comparative study of synthesis of 9-aryl-acridines using recyclable acid catalyst, May, (2020), 129.                  | Vidyabharati Inter. Interdisc. Research Journal                           | National      | Yes | Yes |
| 20. | Synthesis of pyrazines and imidazoles using lemon juice (Citrus limon) as a recyclable catalyst, 59B, (2020), 1887.   | Indian Journal of Chemistry   | International | Yes | Yes |
| 21. | Evaluation of Antibacterial and Antioxidant Properties of Indigenous Cow Urine, 9(6), (2021) 80.                      | Int. Journal of Scientific Research in Science and Technology             | National      | Yes | Yes |
| 22. | Physico-chemical analysis of Pus Dam water of Pusad town, 10, (2022) 70.  | Int. Journal of Creative Research Thoughts                                | National      | Yes | Yes |

**15. Books Published:**

| S.No. | Title of Book, Publisher, Year, Page Nos. and Author:  | Local / National / International Publisher | ISBN No.           |
|-------|--|--|--------------------|
| 1.    | Practical Chemistry, Third and Fourth Semester of B.Sc.  | National Nabh Prakashan, Amravati          | 978-81-905776-54-7 |
| 2.    | E-Book Practical Chemistry, Third and Fourth Semester of B.Sc. (As per the revised syllabus of S. G. B. Amravati University, Amravati) | -  | 9-789357-179577    |

**16. Research Project: (MRP)**

| S.No. | Title   | Agency            | Period                  | Grant (Rs. In Lakhs) |
|-------|---|-------------------|-------------------------|----------------------|
| 1     | Synthesis of Substituted Pyrazoles, Pyrimidines and Study of Their Antimicrobial Activity | U.G.C., New Delhi | 21 Feb. 2013- Feb. 2017 | 95,000/-             |

**17. Invited Talk/ Paper delivered in conferences/Seminars:**

| S.No. | Name of Paper   | Title of Conference   | Level         | Organized by                                      |
|-------|---|---|---------------|---|
| 1.    | Synthesis of heterocycles containing pyrimidine-acridine rings by microwave irradiation, antimicrobial study and its comparison with classical heating (5-7.12.2013). | <i>Emerging Trends in Chemical Sciences' School of Advance Sciences</i> | International | VIT University, Vellore                           |
| 2.    | Comparison of conventional, microwave and grinding techniques for synthesis of benz-azoles (2016).  | <i>Science and Technology: Opportunity and Challenges</i>               | International | College of Engineering and Technology, Akola      |
| 3.    | A simple approach for preparation of bis-(2-aryl)-1-H-benzimidazole nickel (II) chloride complex (2017).  | <i>. Advances in Science, Technology and Management</i>                 | International | College of Engineering and Technology, Akola      |
| 4.    | Acridine substituted [1,2,4]-dithiazolidines: A potent larvicidal and seed germination promoting agent  | <i>Recent Trends in Sciences and Technology</i>                         | International | S. S. S. K. R. Innani Mahavidyalaya, Karanja Lad, |

|     |  |   |               |   |
|-----|--|---|---------------|---|
|     | (2018).  |   |               | Washim  |
| 5.  | Evaluation of Antibacterial and Antioxidant Properties of Indigenous Cow Urine, (2021).  | <i>International e-Conference on New Horizons and Multidisc. Applications in Science and Technology</i> | International | Shri V. R. Mahavidyalaya, Sawna, (Pusad) Dist. Yavatmal |
| 6.  | Physico-chemical analysis of Pus Dam water of Pusad town, (2022).  | <i>International e-Conference on Current Innovations in Science-2022,</i>                               | International | Late. Pushpadevi Science College, Risod, Dist. Washim   |
| 7.  | Synthesis and Structural study and antimicrobial evaluation of substituted bis-[1,3,4]-oxadiazole and bis-[1,2,4]-triazole, (29-30.12.2009). | <i>National Conference on 'Advance Material and Technology'</i>   | National      | Science College, Nagpur                                 |
| 8.  | NMR and IR Spectroscopy; physicochemical techniques for elucidation of structure of heterocycles, (24-25.09.2010).                           | <i>National Conference on Developing Frontiers of Physics, Astronomy and Space Sciences</i>             | National      | Shri R. L. T. College of Science, Akola                 |
| 9.  | Synthesis and Biological evaluation of pharmacologically important [1,2,4]-Dithiazolidines, (28-30.12.2011).                                 | <i>30th Annual Conference of Indian Council of Chemists</i>   | National      | Osmania University, Hyderabad                           |
| 10. | Greener synthesis and antimicrobial study of some pharmacologically important acridine derivatives, (05-06.02.2013).                         | <i>UGC Sponsored National Conference on RAAB for Sustainable Agricultural Practices</i>                 | National      | M. J. College, Jalgaon                                  |
| 11. | Microwave assisted cyclization of acridinyl thiourea into dithiazolidines and their antimicrobial study,                                     | <i>Nanomaterials: New Horizon for the betterment of mankind</i>   | National      | Science College, Nagpur                                 |

|     |  |   |          |   |
|-----|--|---|----------|---|
|     | (28.02.2013).  |   |          |   |
| 12. | MW induced preparation and antituberculosis action of acridin-9-yl-bis-benzothiazol-2-yl-amines, (23-24.10.2013)                   | <i>Frontiers Area in Chemical sciences-2013</i> | National | Shri Shivaji Science College, Amravati                |
| 13. | Synthesis of some acridin-9-yl-aryl-thiourea and their antimicrobial study, (30-31.01.2015).                                       | <i>Sustainable Chemistry-2015</i>               | National | Brijlal Biyani Science College, Amravati              |
| 14. | MW promoted preparation of acridin-9-yl-bis-benzothiazol-2-yl-amines and anti-tuberculosis activity, (3-7.01.2016).                | <i>103<sup>rd</sup> Indian Science Congress</i> | National | University of Mysore, Mysuru                          |
| 15. | Silica Promoted efficient microwave synthesis of bis-aryl-imidazol-2-ones, (29-30.01.2016)   | <i>Emerging Scenario and Challenges-2016</i>    | National | S. G. B. Amravati University, Amravati                |
| 16. | Synthesis of aryl imidazoles and pyrazines using efficient lemon juice catalyst, (2018).   | <i>Recent Advances in Chemical Sciences</i>     | National | Shri Shivaji Arts, Commerce and Science College Akola |
| 17. | Synthesis of 2,5,6-triaryl pyrazines and 2,2,4,5-tetra aryl imidazoles over an efficient ecofriendly lemon juice catalyst, (2019). | <i>106<sup>th</sup> Indian Science Congress</i> | National | Lovely Professional University, Jalandahr, Punjab     |
| 18. | Impact of idol immersion on water quality of Pinglakshi Lake of Risod in Washim district, (2019).                                  | <i>RAISAT-2019</i>                              | National | GSG College Umarkhed, Dist: Yavatmal                  |
| 19. | One step preparation of aryl-acridines using microwave method (August 2019).   | <i>NCACS-2019</i>                               | National | Yashwant Mahavidyalaya, Nanded                        |
| 20. | One step synthesis of aryl-acridines using aromatic acid (December 2019).  | <i>NCIRST-2019</i>                              | National | Shri Shivaji Science College, Amravati.               |
| 21. | Barium catalysed synthesis of acridine derivatives under   | <i>NCMRST for Healthy Lifestyle and</i>         |          | Shri RLT College of Science, Akola                    |

|     |   |   |             |  |
|-----|---|---|-------------|--|
|     | microwave heating (January 2020).   | <i>Management, NCMRST 2020</i>  |             |  |
| 22. | Comparative study of synthesis of 9-aryl-acridines using recyclable acid catalyst.                            | <i>National Conference on Recent Advances in Chemical Sciences</i>                  |             | Shankarlal Khandelwal College, Akola     |
| 23. | Literature Survey through e-Library Resources, Present Research: Position and Facts & Direction, (27.03.2016) | <i>District Convention</i>  | State Level | Prajasattak Teacher's Association, Akola |
| 24. | Role of mathematics in Physical chemistry, (2010).  | <i>Expanding Wings of Mathematics in The Field of Science &amp; Social Sciences</i> | State Level | Shri R. L. T. College of Science, Akola  |

**Attended International / National Conferences/ National Seminars /State level Seminars /National Workshop /State level workshop - 45**

**17. Additional Information:**

Details of other credential, significant contributions:

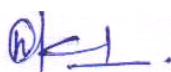
| S.No. | Significant Contributions   |
|-------|---|
| 1.    | Indira Gandhi Gold Medal Award for Excellence in the Education and Research Field, GEPR, Tamilnadu, (January) 2022  |
| 2.    | Best Oral Presentation Award in <i>International e-Conference on New Horizons and Multidisc. Applications in Science and Technology</i> at Shri V. R. Mahavidyalaya, Sawna, Dist. Yavatmal, 2021. |

**DECLARATION**

I, Dr. Pravin R. Kawle, Assistant Professor, Department of Chemistry, hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Akola

Date: 15, December 2022

Signature: 

Name: **Dr. Pravin R. Kawle**