

Faculty Profile ...

Dr. Pravin Raghunath Kawle

Assistant Professor,
Department of Chemistry
Shri R. L. T. College of Science, Akola



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Personal Details ...

1. Date of Birth : 28th June 1985
2. Sex : Male
3. Marital Status : Single
4. Nationality : Indian
5. Language Known : English, Hindi, Marathi
6. Address for correspondence : Department of Chemistry,
Shri R.L.T. College of Science,
Civil lines, Akola-444 001, Maharashtra
7. Residential Address : Ashwin Nagar, Duplex No. 1,
Near School of Scholars, Hinghna Road, Kaulkhed
Akola-444 001, Maharashtra.
8. Permanent Address : Shikshak Colony, Near Banjara Colony,
Pusad-445204, Dist.: Yavatmal, Maharashtra.

Educational Qualification ...

- **M.Sc. (Organic Chemistry), NET (CSIR-JRF), Ph. D.**
- 1. **Bachelor of Science (B.Sc.)**, Summer-2005, Sant Gadge Baba Amravati University, Amravati
- 2. **Master of Science (M.Sc.)**, Summer-2007, Sant Gadge Baba Amravati University, Amravati
- 3. **NET (CSIR-JRF)**, Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility of Lectureship in Chemical Sciences held on 22 June 2008
- 4. **Ph. D.** in Chemical Sciences June-2016, Sant Gadge Baba Amravati University, Amravati

Teaching Experience ...

- Assistant Professor in Department of Chemistry, Shri R.L.T. College of Science, Akola since 30th June 2009.
- Teaching experience at UG level: 08 year
- Teaching experience at PG level : 07 year

Author/ co-author of book / chapter in the book ...

Author of **Practical Chemistry, Third and Fourth Semester of B.Sc.** as per the revised syllabus of Sant Gadge Baba Amravati University, Amravati (ISBN- 978-81-905776-54-7)

Membership of Academic Organizations ...

1. Member of - Indian Chemical Society, Kolkata.
2. Member of - Indian Science Congress, Kolkata.
3. Member of - Amravati University Chemistry Teachers Association, Amravati (AUCTA).

• Role in Science/ Extension Activities ...

1. Jury member of '38th Science Exhibition' held at Moharidevi Khandelwal School, Akola (2011-2012).
2. Jury member of '38th District Level Science Exhibition' held at Shri Jageshwar Vidyalaya, Wadegaon, Akola (2011-2012).
3. Jury member of District Level Science Exhibition' held at Gramin Vikas Vidyalaya, Babulgaon, Akola (2013-2014).
4. Jury member of State Level Science Exhibition' held at Dadasaheb Divekar Vidyalaya, Akola (2014-2015).
5. Jury member of Eureka-The Science Symposium held at School of Scholars, Kualkhed, Akola (2015-2016).
6. Invited Lecture on Air Pollution' in Training Camp of District Science Forum, Akola (2015-2016).
7. Jury member of District Level Science Exhibition' held at Jyoti Janorkar High School, Akola (2016-2017).
8. Jury member of State Level Science Exhibition' held at Nanasaheb Mahadik College of Engineering, Peth, Dist: Sangli (2016-2017).

Role in College Activities ...

• As a co-ordinator / chairman/ secretary ...

1. Co-ordinator of 'Equal Opportunity Centres in colleges' Shri R.L.T. College of Science, Akola (2010-14) & (2015-2017).
2. Co-ordinator of Workshop on 'FRATERNITY' through Equal Opportunity Centre in Shri R.L.T. College of Science, Akola (2010-11).
3. Joint Organising Secretary of University Level Seminar Competition on 'Green Chemistry' for M.Sc.-I, Shri R.L.T. College of Science, Akola (2011-12).
4. Chairman of Guest lecture/ University Level Seminar committee, Shri R.L.T. College of Science, Akola (2012-13).
5. Chairman of Cultural Committee, Shri R.L.T. College of Science, Akola (2013-14).
6. Co-convener of Workshop on "Spectroscopic & Stereospecific Perspectives of Chemistry" Shri R.L.T. College of Science, Akola (2014-15).
7. Co-ordinator of Workshop on 'MANUS NAVA GHADVU YA' through Department of Life Long Learning, S. G. B. Amravati University in Shri R.L.T. College of Science, Akola (2014-15).

• As a member of various committee ...

1. Academic Calendar Committee
2. P. G. Admission Committee
3. Time table Committee
4. Swach Bharat Swasth Bharat Abhiyan

Orientation / Refresher Courses ...

1. 73rd Orientation Programme of U.G.C. Academic Staff College, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur from 27.06.2011 to 24.07.2011 (**A-Grade**).
2. Refresher Course in Chemistry at U.G.C. Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 06.08.2012 to 29.08.2012 (**A-Grade**).
3. Refresher Course in Chemistry at UGC- ASC, Rajasthan University, Jaipur from 04.09.2017 to 23.09.2017 (**A-Grade**).

Research Projects Completed /Ongoing ...

1. **Minor Research Project in Chemistry** has been completed which was sanctioned by the U.G.C., New Delhi with financial assistance of Rs. 95,000 /- during the academic session 2012-13 to 2013-14.
Title: Synthesis of Substituted Pyrazoles, Pyrimidines and Study of Their Antimicrobial Activity
2. **Student Projects (M.Sc.-II) Chemistry:** No. of students guided for project : 21

Publications ...

1. Research papers published in Journals : 15
2. Research papers presented in Conference Proceedings : 2
3. Research papers presented in International Conferences : 4
4. Research papers presented in National Conferences : 14
National Seminar / State Level Seminars

List of research paper published in Journals ...

1. Synthesis and biological evaluation of pharmacologically important [1,2,4]-dithiazolidines. *International Journal of Chemical Sciences*, 10(2), (**2012**), 895-900.
2. Microwave assisted cyclization of acridinyl thiourea into dithiazolidines and their antimicrobial study, *Der Pharma Chemica*, 5(2), (**2013**), 301-304.
3. Synthesis of some new substituted benzothiazoles using aminoacridine, *Indian Journal of Heterocyclic Chemistry*, Jan-March, (**2013**), 279-282.
4. Synthesis, antituberculosis and antimicrobial study of some new aminoacridine linked Pyrazoles, *Indian Journal of Chemistry*, 52B, (**2013**), 1531-1535.
5. Microwave Assisted Synthesis of Pyrazole Substituted Acridines and Their Antimicrobial Study *Indian Journal of Heterocyclic Chemistry*, 23(3), (**2014**), 253-256.
6. Synthesis of some acridin-9-yl-aryl-thiourea and their antimicrobial study, *International Journal of Chemical & Physical Sciences*, 4, (**2015**), 284-288.

7. Ecofriendly synthesis of some benzothiazoles containing acridine moiety and their antimicrobial activity, *Indian Journal of Chemistry*, 54B, (2015), 833-836.
8. Synthesis of heterocycles containing pyrimidine-acridine rings by microwave irradiation, antimicrobial study and its comparison with classical heating, *J. Indian Chemical Society*, 92, (2015), 925-928.
9. Synthesis and antimicrobial screening of novel bis-trizolo-dithiazolidines containing bridgehead nitrogen, *J. Indian Chemical Society*, 92, (2015), 911-914.
10. MW induced preparation of acridin-9-yl-bis-benzothiazol-2-yl-amines and antituberculosis activity, *American Journal of Pharm Tech Research* 6(4), (2016), 216.
11. Comparative analysis and antimicrobial study of cow's urine from rural and urban areas *Asian Journal of Pharmaceutical and Clinical Research*, 9, (2016), 31.
12. Comparison of conventional, microwave and grinding techniques for synthesis of benzazoles, *International Journal of Pure and Applied Research in Engineering and Technology* 5(2), (2016), 265.
13. A simple approach for preparation of bis-(2-aryl)-1-H-benzimidazole nickel (II) chloride complex, *International Journal of Pure and Applied Research in Engineering and Technology* 6(2), (2017), 362.
14. One step iodine promoted synthesis of imidazol-2-one and pyrimidin-2-one, *Journal of Chemistry and Chemical Sciences* 7(11), (2017), 898.
15. Acridine substituted [1,2,4]-dithiazolidines: A potent larvicidal and seed germination promoting agent, *Aayushi International Interdisciplinary Research Journal*, (2018), 1134.

List of research paper published in Conference Proceedings ...

1. The study of microwave assisted synthesis and antimicrobial potential of substituted bis [1,2,4]-dithiazolidines, Proceedings of NCFAC-2013, Shri Shivaji Science College, Amravati.
2. MW promoted preparation of acridin-9-yl-bis-benzothiazol-2-yl-amines and anti-tuberculosis activity, Proceedings of 103rd Indian Science Congress, University of Mysuru-2016.

Paper presented in International Conferences ...

1. Presented Paper in International Conference on 'Emerging Trends in Chemical Sciences' School of Advance Sciences, VIT University, Vellore (2013).

2. Presented Paper in International Conference on Innovations in Science and Technology: Opportunity and Challenges, College of Engineering and Technology, Akola (2016).
3. Presented Paper in International Conference on Advances in Science, Technology and Management, College of Engineering and Technology, Akola (2017).
4. Presented Paper in International Conference on 'Recent Trends in Sciences and Technology' S. S. S. K. R. Innani Mahavidyalaya, Karanja Lad, Dist: Washim (2018).

Paper Presented in National Conferences ...

1. Presented Paper in National Conference on 'Advance Material and Technology' Science College, Nagpur (2009).
2. Presented Paper in National Conference on 'Developing Frontiers of Physics, Astronomy and Space Sciences' Shri R. L. T. College of Science, Akola (2009).
3. Presented Paper in National (Annual) Conference of 'Indian Council of Chemists' Osmania University, Hyderabad (2009).
4. Presented Paper in State Level Seminar on 'Expanding Wings of Mathematics in The Field of Science & Social Sciences' Shri R. L. T. College of Science, Akola (2010).
5. Presented Paper in National Seminar on 'Recent Innovations in Drug Technology, Techniques and Nanotechnology' S. R. R. L. Sc. College Morshi (2010).
6. Presented Paper in National Seminar on 'Chemi-Physics' S. R. R. L. Sci. College Morshi (2010).
7. Presented Paper in UGC Sponsored National Conference on 'RAAB for Sustainable Agricultural Practices' M. J. College, Jalgaon (2013).
8. Presented Paper in National Conference on 'Nanomaterials: New Horizon for the betterment of mankind' Science College, Nagpur (2013).
9. Presented Paper in National Conference on 'Frontiers Area in Chemical sciences-2013' Shri Shivaji Science College, Amravati (2013).
10. Presented Paper in National Conference on 'Sustainable Chemistry' Brijlal Biyani Science College, Amravati (2015).
11. Presented Paper in 103rd Indian Science Congress, University of Mysore, Mysuru (2016).
12. Presented Paper in National Conference on Emerging Scenario and Challenges-2016 S. G. B. Amravati University, Amravati (2016).

13. Presented Paper in National Seminar, Present Research: Position and Facts & Direction, Seminar Hall, Akola (27.03.2016).
14. Presented Paper in National Conference on 'Recent Advances in Chemical Sciences' Shri Shivaji Arts, Commerce and Science College Akola (2018).