

Faculty Profile ...

Prof. Dr. Pradip Pralhadrao Deohate

Professor

Department of Chemistry

Shri R.L.T. College of Science, Akola

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Personal ...

1. Date of Birth : 20th May 1977
2. Sex : Male
3. Marital Status : Married
4. Caste and Category : Kunbi (OBC)
5. Nationality : Indian
6. Language Known : English, Marathi, Hindi
7. Address for Correspondence : Department of Chemistry,
Shri R.L.T. College of Science,
Civil lines, Akola - 444 001, Maharashtra.
8. Permanent Address : Sant Krupa, Prakash Colony,
Morshi - 444 905, Dist.- Amravati, Maharashtra.



Education ...

1. **S.S.C.**, March-1992, Shri Shivaji Higher Secondary School, Morshi, Amravati Divisional Board, Amravati, Marks - 76.42 %.
2. **H.S.S.C.**, March-1994, Vidyabharati Mahavidyalaya, Amravati Divisional Board, Amravati, Marks - 62.00 %.
3. **Bachelor of Science (B.Sc.)**, Summer-1997, Shri Shivaji Science College, Amravati, Sant Gadge Baba Amravati University, Amravati, Marks - 75.03 %.
4. **Master of Science (M.Sc.)**, Summer-1999, Government Vidarbha Institute of Science and Humanities (V.M.V.), Amravati, Sant Gadge Baba Amravati University, Amravati, Marks - 67.00 %.
5. **Bachelor of Education (B.Ed.)**, Summer-2000, Shri Shivaji College of Education, Amravati, Sant Gadge Baba Amravati University, Amravati, Marks - 72.40 %.
6. **Doctor of Philosophy (Ph.D.)**, February-2005, Shri Shivaji Science College, Amravati, Sant Gadge Baba Amravati University, Amravati.
Topic : Application of N-Phenyl Isocyanodichloride, N-Phenyl-S-Chloro Isothiocarbamoyl Chloride and Iodine in the Synthesis of Heterocyclic Systems.
7. Professional Diploma in Computer Programming and Applications.
8. Certificate Course in Computer Operation (Maharashtra State Board of Vocational Examinations).

Achievements ...

1. Young Scientist Award for Best Paper Presentation and Research Work in 22nd Annual Conference of Indian Council of Chemists, Indian Institute of Technology, Roorkee (2003).
2. 1st Prize for Best Paper Presentation and Research Work in National Conference on Green Chemistry and its Perspectives at Sant Gadge Baba Amravati University, Amravati (2008).
3. Awarded and Felicitated by Hon. Dr. Kamal Singh, Vice-Chancellor, Sant Gadge Baba Amravati University, Amravati for Extra-ordinary Work in Blood Donation (N.S.S.) (2011).
4. Award for Excellence in Research in 3rd South Asian Education Awards-2018, Hyderabad (2018).
5. State level Ideal Teacher Award from Congress Teachers Cell, Akola (2018).

Recognitions ...

1. Recognized Ph.D. Supervisor in Chemistry of Sant Gadge Baba Amravati University, Amravati.
2. Recognized Ph.D. Supervisor in Chemistry of Rashtrasant Tukadoji Maharaj University, Nagpur.

Teaching ...

1. Experience ...

16 Years - Shri R.L.T. College of Science, Akola.
02 Years - Shri Sant Gajanan Maharaj College of Engineering, Shegaon.
05 Years - Shri Shivaji Science College, Amravati.

- **Department of Chemistry, Shri R.L.T. College of Science, Akola**
Assistant Professor (3rd April 2007 to 9th October 2019), Head (1st Sept. 2008 to 6th July 2017).
Associate Professor (10th October 2019 to 19th October 2022).
Professor (Since 20th October 2022).
- **P.G. Department of Chemistry, Shri R.L.T. College of Science, Akola**
Lecturer (13 Years - Clock Hour Basis).
In-charge, P.G. Department of Chemistry (From 14th June 2010 to 6th July 2017).
- **Department of Chemistry, Shri Sant Gajanan Maharaj College of Engineering, Shegaon**
Lecturer (02 Years - Adhoc Basis).
- **P.G. Department of Chemistry, Shri Shivaji Science College, Amravati**
Lecturer (04 Years - Contract Basis).
Lecturer (01 Year - Clock Hour Basis).

Research ...

1. Area ...

Organic Heterocyclic Synthesis, MW Synthesis, Green Chemistry, Non-Aqueous Potentiometric Determination of Drugs, Determination of Physico-Chemical Parameters of Soil and Water.

2. Students ...

Awarded with Ph.D. Degree	:	03
Registered for Ph.D. Degree	:	---
Awarded with M.Phil. Degree	:	03
Guided for Projects of Postgraduate Studies	:	35
Guided for Research Festival - AVISHKAR	:	08 (Colours - 04)

3. Publications ...

Research Papers Published in Journals	:	77
Research Papers Published in Proceedings	:	02

4. Presentations ...

Research Papers Presented in Conferences / Seminars	:	45
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5. Participations ...

Participation in Conferences / Conventions / Seminars / Workshops / Quizzes	:	112
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6. Projects ...

U.G.C.- Minor Research Project Completed	:	01 (Rs. 2,00,000 /-)
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Topic : Study of Potential of N-Aryl/Alkyl-S-Chloro Isothiocarbamoyl Chlorides and N-Aryl/Alkyl Isocyanodichlorides in the Synthesis of Dithiadiazines, Thiadiazines, Triazines and Their Antimicrobial Activity.

7. Experience ...

21 Years Research Experience at Shri Shivaji Science College, Amravati, Shri Sant Gajanan Maharaj College of Engineering, Shegaon and Shri R.L.T. College of Science, Akola.

Orientation / Refresher / Short Term Courses ...

1. Participated in 6th Orientation Programme at U.G.C. Academic Staff College, Sant Gadge Baba Amravati University, Amravati (02.08.2010 to 28.08.2010).
2. Participated in Refresher Course in Chemistry at U.G.C. Academic Staff College, Sant Gadge Baba Amravati University, Amravati (09.03.2012 to 30.03.2012).

- Participated in Refresher Course in Chemistry at U.G.C. Human Resource Development Centre, Sant Gadge Baba Amravati University, Amravati (17.11.2015 to 07.12.2015).
- Participated in Short Term Course in Research Methodology at U.G.C. Human Resource Development Centre, Sant Gadge Baba Amravati University, Amravati (11.09.2017 to 16.09.2017).
- Participated in Short Term Course in Environment Conservation at U.G.C. Human Resource Development Centre, Sant Gadge Baba Amravati University, Amravati (09.10.2018 to 14.10.2018).

Books / E-Books ...

- Author ...**
A Text Book of Practical Chemistry, B.Sc.-III, Fifth and Sixth Semester.
Nabh Prakashan, Amravati, ISBN : 978-81-90577-653-2 (2016-17).
- Co-author ...**
AUCTA's A Text Book of Chemistry for Third Semester of B.Sc.
Prashant Publications, Jalgaon, ISBN : 978-93-8422-857-6 (2014-15).
DnyanPath Publication, Amravati, ISBN : 978-81-9338-841-9 (2017-18).
- Editor ...**
A Text Book of Practical Chemistry, B.Sc.-II, Third and Fourth Semester.
Nabh Prakashan, Amravati, ISBN : 978-81-90577-654-7 (2017-18).
- Co-editor ...**
Handbook for Chemistry Laboratory Staff.
AUCTA, Amravati, (2019-20).
- Author ...**
DVD - Stereochemistry - Basic Concepts and Applications.
Self Publication, ISBN : 978-93-5457-066-7 (2020-21).
- Author ...**
Stereochemistry - Chemistry in Three Dimensions.
Self Publication, ISBN : 978-93-5426-742-0 (2020-21), E-ISBN : 978-93-5636-167-6 (2021-22).
- Author ...**
Organic Chemistry - An Approach to Systematic Study of Selected Topics.
Self Publication, ISBN : 978-93-5627-454-9, E-ISBN : 978-93-5607-736-2 (2021-22).
- Author ...**
B.Sc.-III Practical Chemistry.
Self Publication, ISBN : 978-93-5445-764-7 (2020-21), E-ISBN : 978-93-5636-590-2 (2021-22).
- Author ...**
A Handbook of Practical Chemistry, B.Sc. Part-III, Semester - Fifth and Sixth.
DnyanPath Publication, Amravati, ISBN : 978-93-9466-137-0 (2022-23).
- Co-editor ...**
A Textbook of B.Sc. First Year Course in Chemistry, Semester-I.
DnyanPath Publication, Amravati, ISBN : 978-93-9466-129-5 (2022-23).

Memberships ...

- Treasurer / Managing Committee Member of Amravati University Chemistry Teachers' Association (AUCTA), Amravati (2009-10 to 2014-15).
- Life Member of Amravati University Chemistry Teachers' Association (AUCTA), Amravati.
- Life Member of Nagpur University Teachers' Association (NUTA), Nagpur.
- Life Member of Indian Chemical Society, Kolkata.
- Life Member of Indian Council of Chemists, Agra.

Extension Work ...

- N.S.S. Programme Officer at Shri R.L.T. College of Science, Akola (2008-09 to 2010-11).
- N.S.S. Co-Programme Officer at Shri R.L.T. College of Science, Akola (2007-08).

Consultancy ...

1. Analysis of Soil, Drinking and Irrigation Water and Determination of Physico-Chemical Parameters of Samples of Project of School and College Students (2008-09 to till date).

Articles ...

1. Newspaper ...

- Shikshak Vidyarthi Ek Vishwasach Naat (Sakal, 05.09.2018).
- Aajcha Vidyarthi V Shaikshanik, Samajik Drushtikon (Matrubhumi, 11.10.2018).

2. Science Magazine *infoSCIENCE* ...

- Relative Study of Biodiesel Preparation from Virgin and Waste Vegetable Oils (Volume-01, No.-01, 1-3, 2019).
- Assessment of Ground Water Quality of Some Villages in Akola District for Irrigation Purpose (Volume-01, No.-01, 15-17, 2019).
- Analysis of Ground Water Quality of Some Villages in Akola District and its Suitability for Irrigation of Agriculture Land (Volume-02, No.-01, 9-12, 2020).
- COVID-19 Novel Corona Virus (Volume-02, No.-01, 20-21, 2020).
- Chemical Weapons - The Toxic Chemical Compounds (Volume-03, No.-01, 11-13, 2021).
- Interesting Discoveries in Chemistry (Volume-04, No.-01, 18-20, 2022).

3. Magazine *Pratibimb* ...

- Go Green (2011-12).
- Chemistry's Contribution to Human Development and Nation Building (2014-15).
- Water - The Major Source for Irrigation in India (2015-16).
- Educational Tourism - An Useful Scientific Learning Approach for Forest Conservation (2016-17).
- The Nobel Prize and Nobel Laureates in Chemistry (2017-18).
- Waste Management - Concepts and Techniques (2018-19).
- Ek Athavan Suvarn Mahotsavi Varshanimitta (2019-20).
- The World's Largest COVID-19 Vaccination Drive in India.
- NEP-2020 Outlines the Vision of India's New Education System for Quality Higher Education (2021-22).

4. Wall Magazine *infoCHEM* ...

- Acid Rain, What is Green Chemistry? (2009-10).
- Biodiesel, Chemistry in Our Life (2010-11).
- Green Chemistry - Clean Chemistry, Chemistry in Daily Use (2011-12).
- Carbon Nanotubes, Chemical Weapons (2012-13).
- Acid Rain, Green Chemistry (2013-14).
- Nanochemistry (2014-15).
- Q-Carbon, Applications of Nanotechnology to Environment (2015-16).
- Bio-Plastics - Turning Wheat and Potatoes into Plastics, Plastic Tsunami, Caffeine - The World's Addiction (2016-17).
- The Top Five Chemistry Inventions that Make the World You Live in, The Chemistry of Alcohol in Human Being, Drugs (2017-18).
- Biodiesel - An Environment Friendly Fuel, Carbon Allotropes (2018-19).
- A Fundamental Change in International System of Units (2019-20).
- Student Centric Approach of NEP-2020 (2020-21).
- The Higgs Boson (2021-22).

E-Contents ...

1. PPT's, YouTube Videos, Educational DVD, E-Books, Notes, Question Banks, MCQ Tests through Google Forms, Lectures by Zoom / Google Meet.

Community Services ...

1. Blood Donation, Tree Plantation and Preservation, Financial Assistance to Poor and Needy Students, Prizes Sponsored to Meritorious and Topper Students in Various Academic Activities, Donation in CM / PM and other Funds.

Activities ...

1. Chief Editor ...

- AUCTA Newsletter, Amravati University Chemistry Teachers' Association (2018-19 to 2022-23).
- Souvenir of National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management, Shri R.L.T. College of Science, Akola (24.01.2020).

2. Editor ...

- Science Magazine, infoSCIENCE, Shri R.L.T. College of Science, Akola (2018-19 to till date).
- Aayushi International Interdisciplinary Research Journal, Special Issue No.-70, National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management, Shri R.L.T. College of Science, Akola (24.01.2020).

3. VC's Nominee and Subject Expert ...

- Selection Committee for Appointment of Assistant professor, G.N.A. College, Barshitakli, PSPM, Januna (28.02.2020).
- Selection Committee for Promotion of Assistant Professor to Associate Professor under CAS, J.D. Patil Sangludkar Mahavidyalaya, Daryapur (18.11.2020).
- Screening Committee for Promotion of Assistant Professor under CAS, Shri Shivaji Arts, Commerce and Science College, Akot (16.09.2021).
- Screening Committee for Promotion of Assistant Professor under CAS, Mahatma Phule Arts and Science College, Patur (23.07.2022).

4. Subject Expert ...

- Ph.D. Research Advisory Committee (RAC), Shri Shivaji College of Arts, Commerce and Science, Akola (20.08.2021) and C.H.B. Teachers Appointment at Other Colleges.

5. Chairman ...

- Invited Lecture / Plenary Session, International Interdisciplinary Virtual Conference on Drug, Disease, Development, Mungasaji Maharaj Mahavidyalaya, Darwha (09,10.12.2020).

6. Convener ...

- Workshop on Spectroscopic and Stereospecific Perspectives of Chemistry, Shri R.L.T. College of Science, Akola (02.10.2014).
- University Level Intercollegiate Seminar Competition in Chemistry for B.Sc.-III, Shri R.L.T. College of Science, Akola (13.03.2015).

7. Organizing Secretary ...

- State Level Certificate Course in Spectroscopic Techniques in Chemistry (Online), Shri R.L.T. College of Science, Akola (04-11.05.2020).
- National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory, Shri R.L.T. College of Science, Akola (11-15.05.2020).
- State Level Online Workshop on Intellectual Property Rights, Shri R.L.T. College of Science, Akola (23-29.05.2020).
- AUCTA's National Level Online Aptitude Test in Chemistry, Amravati University Chemistry Teachers' Association (20-30.07.2020).

8. Co-ordinator ...

- University Level Intercollegiate Seminar Competition in Chemistry for B.Sc.-II, Shri R.L.T. College of Science, Akola (15.12.2009).
- University Level Intercollegiate Seminar Competition in Chemistry for M.Sc.-I, Shri R.L.T. College of Science, Akola (28.02.2012).
- AUCTA's 18th Annual Convention and Seminar on Recent Advances in Electrochemistry, Shri R.L.T. College of Science, Akola (21.08.2016).

9. **Sectional Co-ordinator ...**

- Aavishkar - Akola District Research Convention, Category - Pure Science, S.G.B. Amravati University, Amravati and Shri R.L.T. College of Science, Akola (10.01.2020, 10.12.2022).

10. **Organizing Committee Member ...**

- Workshop on Biodiversity, Shri R.L.T. College of Science, Akola (31.01.2008).
- Workshop on Planet Earth, Shri R.L.T. College of Science, Akola (10.10.2008).
- Workshop on Career Management, Shri R.L.T. College of Science, Akola (02.02.2009).
- State Level Seminar on Expanding Wings of Mathematics in the Field of Sciences and Social Sciences, Shri R.L.T. College of Science, Akola (04.01.2010).
- State Level Seminar on New Concepts of Exercise and its Impact on the Physical Fitness of Individual, Shri R.L.T. College of Science, Akola (05.01.2010).
- National Conference on Developing Frontiers of Physics, Astronomy and Space Sciences, Shri R.L.T. College of Science, Akola (24,25.09.2010).
- Workshop on Career Opportunities for Graduates, Shri R.L.T. College of Science, Akola (28.01.2015).
- Workshop on Role of Stake-Holders in Internal Quality Assurance Cell and NAAC, Shri R.L.T. College of Science, Akola (28.01.2015).
- National Conference on Sustainable Chemistry : Frontiers and Challenges, Brijlal Biyani Science College, Amravati (30,31.01.2015).
- National Conference on Recent Trends in Chemical Sciences, Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur-Jain (26.04.2015).
- National Conference on Chemical Sciences : Emerging Scenario and Challenges, Department of Chemistry, S.G.B. Amravati University, Amravati (29,30.01.2016).
- National Seminar on Nanotechnology and Nanoengineering, Arts, Commerce and Science College, Amravati (29.09.2016).
- National Seminar cum Workshop on Art of Perfume and Soap Making, Shri R.L.T. College of Science, Akola (08.09.2018).
- National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management, Shri R.L.T. College of Science, Akola (24.01.2020).
- Workshop on Hazardous Management and Fire Extinguisher Demonstration, Shri R.L.T. College of Science, Akola (16.09.2021).
- Workshop on Process of Drug Designing and Drug Discovery, Shri R.L.T. College of Science, Akola (04.10.2021).
- National Conference on Current Trends in Chemical Sciences, Department of Chemistry, S.G.B. Amravati University, Amravati (28,29.06.2022).

11. **Advisory Committee Member ...**

- National Conference on Advances in Material Research, Shankarlal Khandelwal College, Akola (26,27.02.2010).
- National Seminar on Chemi-Physics, Shri R.R. Lahoti Science College, Morshi (28.02.2010).
- National Conference on Recent Advances in Chemical Sciences (Online), Shankarlal Khandelwal Arts, Science and Commerce College, Akola (01,02.05.2020).
- National E-Workshop on Role of Non-Teaching in NAAC Accreditation, B.S. Patel Arts, Commerce and Science College, Pimpalgaon-Kale (29.05.2020).
- International Interdisciplinary Virtual Conference on Drug, Disease and Development, Mungasaji Maharaj Mahavidyalaya, Darwha (09,10.12.2020).
- National E-Conference on Role of Nanotechnology for Sustainable Future, Shri Shivaji Science and Arts College, Chikhli (31.08.2021).
- National Multidisciplinary Research E-Conference, B.S. Patel Arts, Commerce and Science College, Pimpalgaon Kale (28.05.2022).

12. **Member ...**

- Subject Examination Committee of S.G.B. Amravati University, Amravati (2014-15, 2016-17 and 2019-20 to 2021-22).

13. **Resource Person / Judge / Jury Member / Chief Guest ...**
 - Oral / Poster / Model / Paper Presentations in Conferences, Seminars, Aavishkar Research Convention, Science Exhibitions, Essay Competitions, Chemiquiz etc.
14. **Guest Lectures ...**
 - Certificate Course / Various Colleges and Institutes.
15. **In-charge / Co-ordinator / Convener ...**
 - Aptitude Test in Chemistry, Shri R.L.T. College of Science, Akola (2009-10 to till date).
16. **Co-ordinator ...**
 - U.G.C. (XII-Plan) Merged Scheme - Remedial Coaching for SC, ST, OBC and Minorities, Shri R.L.T. College of Science, Akola (2014-15 to 2017-18).
 - Remedial Coaching Classes for Academically Weaker Students (SC, ST, OBC, Minority and Others), Shri R.L.T. College of Science, Akola (2018-19 to till date).
17. **Co-ordinator / Chairman ...**
 - Disasters Management Cell, Human Traffic Promptitude Unit, Red Ribbon Club, Student Legal Literacy Club - Legal Aid Club, Shri R.L.T. College of Science, Akola (2008-09 to 2010-11).
18. **Member ...**
 - U.G.C. (XI-Plan) Merged Scheme - Remedial Coaching for SC, ST, OBC and Minorities, Shri R.L.T. College of Science, Akola (2010-11 to 2011-12).
 - U.G.C. (XI-Plan) Merged Scheme - Coaching Classes for Entry in Services for SC, ST, OBC and Minorities, Shri R.L.T. College of Science, Akola (2010-11 to 2011-12 and 2014-15 to 2016-17).
19. **Organizing Committee Member ...**
 - Creative Writing Competition for Students, Shri R.L.T. College of Science, Akola (05-30.02.2020) (10-30.07.2021) (10-25.05.2022).
20. **Chairman / In-charge (College Committees) ...**
 - Admission and Counseling Committee (UG) (2021-22 to till date).
 - Consultancy Services and Extension Activities Committee (2008-09 to 2017-18).
 - Blood Donation and Blood Group Checking Committee (2008-09 to 2010-11).
 - Question Bank Committee (2008-09 to 2017-18).
 - Educational Tour Committee (2011-12 to 2017-18).
 - Guest Lecture and Seminar Competition Committee (2013-14 to 2017-18).
 - NAAC Criterion-II, Teaching Learning and Evaluation Committee (2010-11 to 2016-17).
 - NAAC Criterion-V, Student Support and Progression Committee (2008-09 to 2009-10).
21. **Member (College Committees) ...**
 - NAAC Steering Committee (2009-10, 2015-16 and 2016-17).
 - NAAC Criterion-III, Research Innovation and Extension Committee (2017-18 to till date).
 - Internal Quality Assurance Cell (IQAC) (2009-10 to 2016-17).
 - U.G.C. Committee (2009-10 to 2017-18).
 - Student Representative Council (SRC) (2008-09 to 2010-11).
 - Ph.D. Research Advisory Committee (RAC) (2017-18 to till date).
 - Research / Aavishkar Committee (2008-09 to till date).
 - Admission and Counseling Committee (2008-09 to 2020-21).
 - Examination Committee (2008-09 to 2016-17).
 - Time-Table Committee (2008-09 to 2016-17).
 - Cultural Committee (2007-08 to 2008-09).
 - Student Seminar Committee (2011-12 to 2013-14).
 - College Magazine Committee (2013-14 to till date).

Publications ...

Research Papers Published in Journals ...

1. Comparison of molar refraction and polarizability constants of some substituted benzo-(4,5-d)-2-arylamino-7-aryl/alkyl-imino-1,3,6-thiadiazepines in different percentages of solvents.
Asian J. Chem., 15(3&4), 1425-1428 (2003).
2. Comparison of viscosity behaviour of some substituted benzo-(4,5-d)-2-arylamino-7-aryl/alkyl-imino-1,3,6-thiadiazepines in different percentages of solvents.
Asian J. Chem., 15(3&4), 1435-1438 (2003).
3. Effect of solvents on molar refraction and polarizability constants of some substituted benzo-1,3,6-thiadiazepines.
Oriental J. Chem., 19(3), 715-718 (2003).
4. Comparative study on molar refraction and polarizability constant of some substituted benzo-1,2,5-thiadiazines.
Oriental J. Chem., 19(3), 699-702 (2003).
5. A comparative study of effect of solvent on relative viscosities of some substituted benzo-1,2,5-thiadiazines.
Asian J. Chem., 15(2), 1057-1060 (2003).
6. Viscosity behaviour of substituted benzo-1,3,6-thiadiazepines in different percentages of solvents.
Asian J. Chem., 15(2), 1061-1064 (2003).
7. Comparative study of viscosity behaviour of novel 1-furyl-3-(substituted phenyl)-2-propene-1-one in different percentages of solvents.
Asian J. Chem., 16(2), 861-864 (2004).
8. Comparative study of molar refraction and polarizability constants of novel 1-furyl-3-(substituted phenyl)-2-propene-1-one in different percentages of solvents.
Asian J. Chem., 16(2), 857-860 (2004).
9. Novel 1,2,4-dithiazolidines; study on viscosity behavior in different percentages of solvents.
J. Acta Ciencia Indica, XXXC(2), 159-161 (2004).
10. Novel 1,2,4-dithiazolidines; study on molar refraction and polarizability constants in different percentages of solvents.
J. Acta Ciencia Indica, XXXC(1), 17-20 (2004).
11. Synthesis, characterization and antimicrobial screening of some 1,2,4-thiadiazolines.
Chemistry : An Indian J., 1(8), 555-557 (2004).
12. Synthesis and antimicrobial activity of some novel 1,2,4-dithiazolidines.
Oriental J. Chem., 20(1), 189-192 (2004).
13. Synthesis of some novel benzo-1,3,6-thiadiazepines, their antimicrobial activity and isomerization into benzo-1,3,5-triazepines.
Oriental J. Chem., 20(1), 139-142 (2004).
14. Novel benzo-1,3,6-thiadiazepines; synthesis, antimicrobial activity and isomerization into benzo-1,3,5-triazepines.
Asian J. Chem., 16(2), 773-778 (2004).
15. 1,2,4-Dithiazolidines; synthesis, antibacterial and antifungal activity.
Chemistry : An Indian J., 1(6), 447-449 (2004).
16. Synthesis of some novel 1,2,4-dithiazolidines and their antibacterial and antifungal activity.
Asian J. Chem., 16(1), 255-260 (2004).
17. Synthesis of novel benzo-1,2,5-thiadiazines, their antimicrobial activity and isomerization into benzo-1,2,4-triazines.
J. Indian Chem. Soc., 81, 775-777 (2004).
18. Synthesis and antimicrobial activity of 1,3,5-thiadiazines and their isomerism into 1,3,5-triazines.
Indian J. Chem., 44B, 638-642 (2005).
19. Synthesis, characterization and antimicrobial study of substituted bis-[1,2,4,5]-dithiadiazine and bis-[1,3,4]-thiadiazolidine derivatives.
J. Indian Chem. Soc., 85, 1050-1054 (2008).

20. Synthesis, characterization and antimicrobial study of substituted bis-[1,3,4]-oxadiazole, bis-[1,3,4]-thiadiazole and bis-[1,2,4]-triazole derivatives.
J. Indian Chem. Soc., 85, 1153-1158 (2008).
21. Synthesis and antibacterial activity of substituted [1,2,4,5]-tetrazepines.
Indian J. Hetero. Chem., 19(4), 181-182 (2009).
22. Synthesis, characterization and antimicrobial potential of 3-thio-4-aryl-5-phenyl-imino-[1,2,4]-dithiazolidines.
International J. Chem. Sci., 7(4), 2843-2848 (2009).
23. Green synthesis of quinoxaline and substituted quinoxaline.
International J. Chem. Sci., 9(4), 1768-1774 (2011).
24. Substituted [1,3,4]-oxadiazole, [1,3,4]-thiadiazole and [1,2,4]-triazole; synthesis, characterization and antimicrobial study.
J. Indian Chem. Soc., 89, 253-259 (2012).
25. Synthesis, structural study and antimicrobial screening of substituted-[1,2,3,4]-tetrazines.
Indian J. Hetero. Chem., 22(2), 151-154 (2012).
26. Synthesis and biological evaluation of pharmacologically important [1,2,4]-dithiazolidines.
International J. Chem. Sci., 10(2), 895-900 (2012).
27. Synthesis, structural study and biological activity of bridgehead nitrogen containing triazolo-thiadiazinone heterocycles.
J. Der Pharma Chemica, 4(5), 2042-2046 (2012).
28. Synthesis, structural study and biological evaluation of pharmacologically important substituted bis-benzothiazole systems.
J. Der Pharma Chemica, 4(5), 2107-2111 (2012).
29. Synthesis, characterization and antimicrobial potential study of substituted bis-[1,2,4]-dithiazolidine derivatives.
J. Der Pharma Chemica, 4(6), 2368-2372 (2012).
30. Synthesis, structural study and antimicrobial screening of bridgehead nitrogen containing 1,8-bis-thiadiazino-triazolyl-octanes.
J. Der Pharma Chemica, 4(6), 2434-2437 (2012).
31. Substituted [1,2,4,5]-dithiadiazines and [1,3,4]-thiadiazolidines; synthesis, characterization and antimicrobial study.
J. Indian Chem. Soc., 89, 1705-1710 (2012).
32. Microwave assisted synthesis, characterization and antimicrobial study of substituted benzo-(5,6-e)-[1,3]-diazepine-4,7-dione derivatives.
J. Chem. Sci. Trans., 2(1), 65-68 (2013).
33. The non-aqueous potentiometric determination of pharmaceutically potent drug aspirin.
American J. PharmTech Res., 3(1), 459-465 (2013).
34. Synthesis, structural study and antimicrobial screening of substituted bis-benzothiazole derivatives.
J. Chem. Sci. Trans., 2(2), 473-478 (2013).
35. Synthesis, structural study and biological activity of bridgehead nitrogen containing triazolo-thiadiazine derivatives.
J. Chem. Sci. Trans., 2(2), 556-560 (2013).
36. Potentiometric determination of pharmaceutically important nimesulide in non-aqueous medium.
J. Chem. Sci. Trans., 2(S1), S234-238 (2013).
37. Microwave assisted cyclization of acridinyl thiourea into dithiazolidines and their antimicrobial study.
J. Der Pharma Chemica, 5(2), 301-304 (2013).
38. Synthesis of some new substituted benzothiazoles using aminoacridine.
Indian J. Hetero. Chem., 22(1), 279-282 (2013).
39. The determination of pharmaceutically important ibuprofen by non-aqueous potentiometric titration method.
J. Indian Chem. Soc., 90, 1379-1382 (2013).

40. Synthesis, antituberculosis and antimicrobial study of some new amino acridine linked pyrazoles.
Indian J. Chem., 52B, 1531-1535 (2013).
41. Synthesis and antimicrobial screening of novel bis-triazolo-thiadiazoles containing bridgehead nitrogen.
American J. PharmTech Res., 4(1), 847-854 (2014).
42. The simultaneous non-aqueous potentiometric determination of binary mixture of pharmaceutically potent drugs.
J. Indian Chem. Soc., 91, 647-650 (2014).
43. Microwave assisted synthesis of pyrazole substituted acridines and their antimicrobial study.
Indian J. Hetero. Chem., 23(3), 253-256 (2014).
44. The convenient microwave-assisted synthesis, characterization and structural study of substituted bis-[1,2,4]-dithiazolidines.
J. Indian Chem. Soc., 91, 1361-1364 (2014).
45. Microwave assisted synthesis and biological evaluation of some novel pyrimidine linked pyrazoles.
International J. Chem. & Phy. Sci., 4(Sp), 365-368 (2015).
46. Extraction and identification of phytoconstituents from leaves of some phyllanthus plants by GCMS.
International J. Chem. & Phy. Sci., 4(Sp), 51-53 (2015).
47. Synthesis of some acridin-9-yl-aryl thiourea and their antimicrobial study.
International J. Chem. & Phy. Sci., 4(Sp), 284-288 (2015).
48. Ecofriendly synthesis of some benzothiazoles containing acridine moiety and their antimicrobial activity.
Indian J. Chem., 54B, 833-836 (2015).
49. Synthesis and antimicrobial screening of novel bis-triazolo-dithiadiazines containing bridgehead nitrogen.
J. Indian Chem. Soc., 92, 911-914 (2015).
50. Synthesis of heterocycles containing pyrimidine-acridine rings by microwave irradiation, antimicrobial study and its comparison with classical heating.
J. Indian Chem. Soc., 92, 925-928 (2015).
51. Isolation and identification of quercetin and rutin from leaves of phyllanthus emblica.
World J. Pharmacy and Pharm. Sci., 10(4), 1132-1138 (2015).
52. MW induced preparation of acridin-9-yl-bis-benzothiazol-2-yl-amines and antituberculosis activity.
American J. PharmTech Res., 6(4), 216-222 (2016).
53. Novel synthesis of biologically active bridgehead nitrogen containing bis-triazolo-thiadiazines.
International J. Pure & Appl. Res. Engg. & Tech., 5(2), 265-271 (2016).
54. Synthesis of analogues of quercetin isolated from phyllanthus plants.
World J. Pharmacy and Pharm. Sci., 6(3), 1140-1144 (2017).
55. Isolation, identification and synthesis of analogues of kaempferol isolated from phyllanthus niruri.
International J. Pure & Appl. Res. Engg. & Tech., 6(2), 163-167 (2017).
56. Synthesis of triazolo-dithiadiazines by sulphur-sulphur bond formation through microwave assisted cyclocondensation and biological evaluation.
International J. Pure & Appl. Res. Engg. & Tech., 6(2), 233-237 (2017).
57. Conventional and MW induced synthesis of some bridgehead nitrogen containing triazolo-dithiadiazines by sulphur-sulphur bond formation through cyclocondensation and antimicrobial study.
J. Indian Chem. Soc., 94, 1221-1225 (2017).
58. Non-aqueous potentiometric determination of pharmaceutically potent drug diphenhydramine hydrochloride.
J. Indian Chem. Soc., 94, 1239-1242 (2017).

59. The conventional and MW assisted syntheses of some bridgehead nitrogen containing triazolo-thiadiazoles by cyclocondensation using N-aryl isocyanodichlorides and antimicrobial evaluation.
Indian J. Hetero. Chem., 27(4), 377-382 (2017).
60. Simultaneous non-aqueous potentiometric determination of pharmaceutically potent ibuprofen-diphenhydramine hydrochloride and paracetamol-diphenhydramine hydrochloride combination drugs.
Aayushi International Interdiscipl. Res. J., 26(Sp.), 1114-1117 (2018).
61. Analysis of drug ofloxacin in bulk and single component pharmaceutical tablets by non-aqueous potentiometric titration method.
J. Indian Chem. Soc., 95, 559-562 (2018).
62. Assessment of ground water quality of agricultural land for irrigation purpose in some villages of Akola district of Maharashtra, India.
J. Biol. and Chem. Chron., 4(2), 90-94 (2018).
63. Determination of physico-chemical parameters of ground water used for irrigation in villages of Akola district of Maharashtra, India.
J. Biol. and Chem. Chron., 4(2), 124-127 (2018).
64. Non-aqueous potentiometric analysis of drug furosemide in bulk and single component pharmaceutical tablets.
Research Journey, International E- Research J., 110(B)(Sp.), 271-274 (2019).
65. Non-aqueous potentiometric determination of drugs mefenamic acid and paracetamol-mefenamic acid in single and double component pharmaceuticals.
J. Indian Chem. Soc., 96, 311-315 (2019).
66. Microwave irradiative synthesis of triazine substituted pyrazoles and study of antitubercular and antimicrobial activities.
Asian J. Chem., 31(5), 1087-1090 (2019).
67. Synthesis of pyrimidine linked pyrazole heterocyclics by microwave irradiative cyclocondensation and evaluation of their insecticidal and antibacterial potential.
J. Emerging Tech. and Inno. Res., 7(2), 476-479 (2020).
68. Microwave assisted synthesis of some pyrimidine linked thiadiazolidines and evaluation of their biological activities.
World J. Pharm. and Pharm. Sci., 9(3), 1733-1740 (2020).
69. Study of microwave assisted synthesis and biological activities of some pyrimidine linked oxadiazole pharmacophores.
Aayushi International Interdiscipl. Res. J., 70(Sp.), 3-7 (2020).
70. MW induced synthesis of some pyrimidine linked thiadiazoles and study of their antimicrobial properties.
World J. Pharm. and Pharm. Sci., 9(5), 1262-68 (2020).
71. Simultaneous potentiometric determination of pharmaceutically potent aceclofenac-paracetamol combination drugs in non-aqueous medium.
Vidyabharati International Interdiscipl. Res. J., Sp.-NCRACS, 150-153 (2020).
72. Microwave assisted synthesis of pyrimidine linked dithiadiazines by sulphur-sulphur bond formation through cyclocondensation and study of antimicrobial properties.
Vidyabharati International Interdiscipl. Res. J., Sp.-NCRACS, 190-195 (2020).
73. Non-aqueous potentiometric analysis of drug aceclofenac in bulk and single component pharmaceuticals.
Scholars Impact : International Multidiscipl. Multiling. Peer Reviewed Res. J., 7(3), 230-234 (2020).
74. Synthesis of triazine linked pyrazole heterocyclics by conventional heating and microwave irradiative cyclocondensation and evaluation of antitubercular and antimicrobial potential.
Indian J. Chem., 59B, 1707-1712 (2020).
75. Synthesis of pyrimidine linked pyrazole heterocyclics by microwave irradiative cyclocondensation and evaluation of their insecticidal and antibacterial potential.
Indian J. Chem., 60B, 611-615 (2021).

76. Synthesis of pyrimidine linked heterocyclic scaffolds by intramolecular cyclization and study of biological potential.
Indian J. Chem., 61, 551-557 (2022).
77. Non-aqueous potentiometric estimation of drugs paracetamol and aceclofenac in double component pharmaceuticals.
J. Emerging Tech. and Inno. Res., 9(5), 185-188 (2022).

Research Papers Published in Conference Proceedings ...

1. Parthenium hysterophorous (Congress grass) : a potential mosquitocide.
Proceedings of National Conference on Innovative Research Trends in Biological Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola, 115-118 (2012).
2. The study of microwave assisted synthesis and antimicrobial potential of substituted bis-[1,2,4]-dithiazolidines.
Proceedings of National Conference on Frontier Areas in Chemistry, Shri Shivaji Science College, Amravati, 53-56 (2013).

Presentations ...

Research Papers Presented in Conferences / Seminars ...

1. Synthesis of some new benzo-1,2,5-thiadiazines.
21st Annual Conference, Indian Council of Chemists, Rani Durgavati University, Jabalpur (24-26.10.2002).
2. Synthesis of novel 1,3,5-thiadiazines, their isomerization and antimicrobial activity.
22nd Annual Conference, Indian Council of Chemists, I.I.T., Roorkee (17-19.10.2003).
3. Synthesis of 2-alkyl/aryl hydrazine-5-aryl/alkyl-1,3,4-thiadiazoline and their structural studies.
National Conference on Emerging Trends in Chemical Sciences in the New Millennium, Shri Shivaji Science College, Amravati (05-07.02.2004).
4. Synthesis, characterization and antimicrobial screening of some novel 1,2,4-thiadiazolines.
National Conference on Emerging Trends in Chemical Sciences in the New Millennium, Shri Shivaji Science College, Amravati (05-07.02.2004).
5. Novel benzo-1,3,6-thiadiazepines; synthesis, antimicrobial activity and isomerization into benzo-1,3,5-triazepines.
National Conference on Emerging Trends in Chemical Sciences in the New Millennium, Shri Shivaji Science College, Amravati (05-07.02.2004).
6. Synthesis of novel N-(4-phenylimino)-N-[5-aryl-9-thia-2,3,5,7,8-penta-azabicyclo-[4.2.1]-nona-1(8),6-dien-4-ylidene]-amines and their antimicrobial activity.
A.C.S.-C.S.I.R., International Conference on Advances in Organic Chemistry and Chemical Biology, I.I.C.T., Hyderabad. (11,12.01.2006).
7. Synthesis of 1,10-bis-(phenylimino-6-aryl/alkyl-imino-[1,2,4,5]-dithiadiazinan-4-yl)-decane-1,10-diones and their antimicrobial activity.
A.C.S.-C.S.I.R., International Conference on Advances in Organic Chemistry and Chemical Biology, I.I.C.T., Hyderabad. (11,12.01.2006).
8. Synthesis, characterization and biological aspects of some novel substituted bis-[1,2,4,5]-dithiadiazine and bis-[1,3,4]-thiadiazolidine derivatives.
National Conference on Green Chemistry and its Perspective, S.G.B. Amravati University, Amravati (11,12.02.2008).
9. Synthesis, structural study and antimicrobial screening of substituted bis-[1,3,4]-thiadiazoles.
Regional Seminar on Recent Trends in Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science College, Warud (02.03.2008).
10. Synthesis, structural study and antimicrobial evaluation of substituted bis-[1,3,4]-oxadiazole and bis-[1,2,4]-triazole.
National Conference on Advanced Material and Technology, Science College, Nagpur (29,30.12.2009).
11. Role of mathematics in physical chemistry.
State Level Seminar on Expanding Wings of Mathematics in the Field of Science and Social Sciences, Shri R.L.T. College of Science, Akola (04.01.2010).

12. Role of physical fitness activity to enhance mental health during the menopausal transition.
State Level Seminar on New Concepts of Exercise and its Impact on the Physical Fitness of Individual, Shri R.L.T. College of Science, Akola (05.01.2010).
13. Synthesis and biological evaluation of pharmacologically important [1,2,4,5]-dithiadiazines.
National Seminar on Recent Innovations in Drug Technology, Techniques and Nanotechnology, Shri R.R. Lahoti Science College, Morshi (27.02.2010).
14. Synthesis, characterization and structural study of substituted [1,3,4]-thiadiazole.
National Seminar on Chemi-Physics, Shri R.R. Lahoti Science College, Morshi (28.02.2010).
15. Significance of NMR and IR spectroscopic techniques in establishment of isomeric structures of heterocyclic compounds.
National Conference on Developing Frontiers of Physics, Astronomy and Space Sciences, Shri R.L.T. College of Science, Akola (24,25.09.2010).
16. Goals of astrobiology to search ET life in cosmos.
National Conference on Developing Frontiers of Physics, Astronomy and Space Sciences, Shri R.L.T. College of Science, Akola (24,25.09.2010).
17. Synthesis and biological evaluation of pharmacologically important [1,2,4]-dithiazolidines.
30th Annual Conference, Indian Council of Chemists, Osmania University, Hyderabad (28-30.12.2011).
18. Parthenium hysterophorous (congress grass) : a potential mosquitocide.
National Conference on Innovative Research Trends in Biological Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola (08,09.09.2012).
19. Greener synthesis and antimicrobial study of some pharmacologically important acridine derivatives.
National Conference on Recent Advances in Agrobiotechnology for Sustainable Agricultural Practices, Moolji Jaitha College, Jalgaon (05,06.02.2013).
20. Synthesis, structural study and antimicrobial screening of substituted bis-benzothiazole derivatives.
National Conference on Nanomaterials; New Horizon for Betterment of Mankind, Science College, Nagpur (28.02.2013).
21. Microwave assisted cyclization of acridinyl thiourea into dithiazolidines and their antimicrobial study.
National Conference on Nanomaterials; New Horizon for Betterment of Mankind, Science College, Nagpur (28.02.2013).
22. MW induced preparation and antituberculosis action of acridin-9-yl-bis-benzothiazol-2-yl-amines.
National Conference on Frontier Areas in Chemistry, Shri Shivaji Science College, Amravati (23,24.10.2013).
23. The study of microwave assisted synthesis and antimicrobial potential of substituted bis-[1,2,4]-dithiazolidines.
National Conference on Frontier Areas in Chemistry, Shri Shivaji Science College, Amravati (23,24.10.2013).
24. Synthesis and antimicrobial screening of novel bis-triazolo-dithiadiazines containing bridgehead nitrogen.
International Conference on Emerging Trends in Chemical Sciences, Vellore Institute of Technology (V.I.T.), Vellore (05-07.12.2013).
25. Synthesis of heterocycles containing pyrimidine-acridine rings by microwave irradiation, antimicrobial study and its comparison with classical heating.
International Conference on Emerging Trends in Chemical Sciences, Vellore Institute of Technology (V.I.T.), Vellore (05-07.12.2013).
26. Microwave assisted synthesis, biological evaluation of some novel pyrimidine linked pyrazoles.
National Conference on Sustainable Chemistry : Frontiers and Challenges, Brijlal Biyani Science College, Amravati (30,31.01.2015).
27. Extraction, identification of phytoconstituents from leaves of some phyllanthus plants by GCMS.
National Conference on Sustainable Chemistry : Frontiers and Challenges, Brijlal Biyani Science College, Amravati (30,31.01.2015).

28. Synthesis of some acridin-9-yl-aryl thiourea and antimicrobial study.
National Conference on Sustainable Chemistry : Frontiers and Challenges, Brijlal Biyani Science College, Amravati (30,31.01.2015).
29. Study of microwave induced synthesis and antibacterial potential of substituted pyrazole-pyrimidine linked amines.
National Conference on Recent Trends in Chemical Sciences, Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur-Jain (26.04.2015).
30. Synthesis and antimicrobial screening of bridgehead nitrogen containing bis-triazolo-thiadiazine derivatives.
National Conference on Chemical Sciences : Emerging Scenario and Challenges, S.G.B. Amravati University, Amravati (29,30.01.2016).
31. Novel synthesis of biologically active bridgehead nitrogen containing bis-triazolo-thiadiazines.
International Conference on Innovations in Science and Technology : Opportunities and Challenges, College of Engineering and Technology, Akola (23,24.09.2016).
32. Microwave assisted synthesis and biological study of triazine linked thiadiazolidine heterocycles.
National Seminar on Nanotechnology and Nanoengineering, Arts, Commerce and Science College, Amravati (29.09.2016).
33. Synthesis of triazolo-dithiadiazines by sulphur-sulphur bond formation through microwave assisted cyclocondensation and biological evaluation.
International Conference on Advances in Science, Technology and Management, College of Engineering and Technology, Akola (10.10.2017).
34. Synthesis of triazine linked pyrazoles by conventional and MW irradiation technique, spectroscopic investigation and antimicrobial evaluation.
National Conference on Recent Advances in Chemical Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola (26,27.02.2018).
35. Studies of antioxidant properties of analogues of polar flavanoid quercetin isolated from phyllanthus emblica.
National Conference on Recent Advances in Chemical Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola (26,27.02.2018).
36. Simultaneous non-aqueous potentiometric determination of pharmaceutically potent ibuprofen-diphenhydramine hydrochloride and paracetamol-diphenhydramine hydrochloride combination drugs.
International Conference on Recent Trends in Science and Technology, S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (22,23.03.2018).
37. Non-aqueous potentiometric analysis of drug furosemide in bulk and single component pharmaceutical tablets.
National Conference on Emerging Trends in Science, Vidya Bharati Mahavidyalaya, Amravati (01,02.02.2019).
38. Microwave irradiative synthesis, characterization and study of biological properties of some pyrimidine linked thiadiazolidines and dithiadiazines.
National Conference on New Dimensions in Chemistry and Chemistry Education and National Convention of Chemistry Teachers, S.G.B. Amravati University, Amravati (05-07.12.2019).
39. Synthesis of pyrimidine linked pyrazole heterocyclics by microwave irradiative cyclocondensation and evaluation of their insecticidal and antibacterial potential.
National Conference on Innovative Research in Science and Technology, Shri Shivaji Science College, Amravati (17,18.12.2019).
40. Study of microwave assisted synthesis and biological activities of some pyrimidine linked oxadiazole pharmacophores.
National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management, Shri R.L.T. College of Science, Akola (24.01.2020).
41. Simultaneous potentiometric determination of pharmaceutically potent aceclofenac-paracetamol combination drugs in non-aqueous medium.
National Conference on Recent Advances in Chemical Sciences (Online), Shankarlal Khandelwal Arts, Commerce and Science College, Akola (01,02.05.2020).

42. Microwave assisted synthesis of pyrimidine linked dithiadiazines by sulphur-sulphur bond formation through cyclocondensation and study of antimicrobial properties.
National Conference on Recent Advances in Chemical Sciences (Online), Shankarlal Khandelwal Arts, Commerce and Science College, Akola (01,02.05.2020).
43. Non-aqueous potentiometric analysis of drug aceclofenac in bulk and single component pharmaceuticals.
International Interdisciplinary Virtual Conference on Drug, Disease and Development, Mungasaji Maharaj Mahavidyalaya, Darwaha (09,10.12.2020).
44. Non-aqueous potentiometric estimation of drugs paracetamol and aceclofenac in double component pharmaceuticals.
National Multidisciplinary Research E-conference, B.S. Patel Arts, Commerce and Science College, Pimpalgaon-Kale (28.05.2022).
45. Non-aqueous potentiometric determination of paracetamol and aceclofenac in double component pharmaceutical drugs.
National Conference on Current Trends in Chemical Sciences, S.G.B. Amravati University, Amravati (28,29.06.2022).

Participations ...

Participation in Conferences / Conventions / Seminars / Workshops / Quizzes ...

1. State Level Workshop on Microscale Techniques in Chemistry, Shri Shivaji Science College, Amravati (21-23.10.2002).
2. 21st Annual Conference, Indian Council of Chemists, Rani Durgavati University, Jabalpur (24-26.10.2002).
3. 22nd Annual Conference, Indian Council of Chemists, I.I.T., Roorkee (17-19.10.2003).
4. National Conference on Emerging Trends in Chemical Sciences in the New Millennium, Shri Shivaji Science College, Amravati (05-07.02.2004).
5. Seminar on Significant Trends of Research in Chemistry, Nagpur University, Nagpur (29.02.2004).
6. A.C.S.-C.S.I.R., International Conference on Advances in Organic Chemistry and Chemical Biology, I.I.C.T., Hyderabad (11,12.01.2006).
7. National Conference on Emerging Trends in Drug Designing and Synthesis, Dr. Ambedkar College, Nagpur (19,20.01.2007).
8. Workshop on Induction Training of Teachers, Shri Sant Gajanan Maharaj College of Engineering, Shegaon (10,11.02.2007).
9. National Seminar on Advanced Materials, R.T.M. Nagpur University, Nagpur (12.02.2007).
10. National Conference on Chemistry Vision 2020, Hislop College, Nagpur (27,28.10.2007).
11. National Conference on Green Chemistry and its Perspective, S.G.B. Amravati University, Amravati (11,12.02.2008).
12. Regional Seminar on Recent Trends in Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences, Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science College, Warud (02.03.2008).
13. National Seminar on Current Trends in Chemical Sciences Research, Shri Shivaji College of Arts, Commerce and Science, Akola (28.03.2008).
14. National Conference on Advanced Material and Technology, Science College, Nagpur (29,30.12.2009).
15. State Level Seminar on Expanding Wings of Mathematics in the Field of Science and Social Sciences, Shri R.L.T. College of Science, Akola (04.01.2010).
16. State Level Seminar on New Concepts of Exercise and its Impact on the Physical Fitness of Individual, Shri R.L.T. College of Science, Akola (05.01.2010).
17. National Conference on Advances in Material Research, Shankarlal Khandelwal College, Akola (26,27.02.2010).

18. National Seminar on Chemi-Physics, Shri R.R. Lahoti Science College, Morshi (28.02.2010).
19. National Seminar on Recent Innovations in Drug Technology, Techniques and Nanotechnology, Shri R.R. Lahoti Science College, Morshi (27.02.2010).
20. 12th Annual Convention of Chemistry Teachers, Brijlal Biyani Science College, Amravati (01.08.2010).
21. National Conference on Developing Frontiers of Physics, Astronomy and Space Sciences, Shri R.L.T. College of Science, Akola (24,25.09.2010).
22. Workshop on Fraternity, Shri R.L.T. College of Science, Akola (13.10.2010).
23. Workshop on Sericulture, Training and Guidance, Shri R.L.T. College of Science, Akola (16.12.2010).
24. State Level Workshop on Research Methodologies in Science, Shankarlal Khandelwal Arts, Commerce and Science College, Akola (26.02.2011).
25. Workshop on Role of Teacher for Quality Education with Reference to Sixth Pay Commission, Shri Shivaji College of Arts, Commerce and Science, Akola (10.04.2011).
26. 13th Annual Convention of AUCTA and One Day Seminar on Chemistry in Our Lives, S.G.B. Amravati University, Amravati (25.09.2011).
27. 30th Annual Conference, Indian Council of Chemists, Osmania University, Hyderabad (28-30.12.2011).
28. District Level Workshop on Sant Gadge Baba's Ten Sins and Ethics of Human Life Through Gramgeeta of Rashtrasant Tukadoji Maharaj, Shri R.L.T. College of Science, Akola (07.02.2012).
29. AUCTA's Regional Workshop on Redesigning of Chemistry Curriculum. Brijlal Biyani Science College, Amravati (29.04.2012).
30. 14th Annual General Body Meet of AUCTA and Discussion on Draft Syllabi, Shri Shivaji Science College, Amravati (24.06.2012).
31. National Conference on Innovative Research Trends in Biological Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola (08,09.09.2012).
32. National Conference on Recent Advances in Agrobiotechnology for Sustainable Agricultural Practices, Moolji Jaitha College, Jalgaon (05,06.02.2013).
33. Workshop on Education for Life and Life for Nation on the Eve of 150th Birth Anniversary of Swami Vivekananda, Shri R.L.T. College of Science, Akola (20.02.2013).
34. National Conference on Nanomaterials; New Horizon for Betterment of Mankind, Science College, Nagpur (28.02.2013).
35. State Level Microbiology Student's Summit on Pure Water for Better Health, Shri R.L.T. College of Science, Akola (10.10.2013).
36. AUCTA's 15th Annual Meet and One Day Regional Workshop on Research Methodology, Jagadamba Mahavidyalaya, Achalpur (20.10.2013).
37. National Conference on Frontier Areas in Chemistry and Workshop on Quantum Mechanics and Research Methodology, Shri Shivaji Science College, Amravati (23,24.10.2013).
38. International Conference on Emerging Trends in Chemical Sciences, Vellore Institute of Technology (V.I.T.), Vellore (05-07.12.2013).
39. Workshop on Coalescence of Chemical Sciences to Confront the Challenges of Sustainability, RSC-UK-WIS, S.G.B. Amravati University, Amravati (19,20.09.2014).
40. Workshop on Spectroscopic and Stereospecific Perspectives of Chemistry, Shri R.L.T. College of Science, Akola (02.10.2014).
41. AUCTA's 16th Annual Convention and One Day Regional Seminar on Role of Chemistry in Rural Industrialization, Dr. R. G. Rathod Arts and Science College, Murtizapur (30.11.2014).
42. Workshop on Career Opportunities for Graduates, Shri R.L.T. College of Science, Akola (28.01.2015).
43. Workshop on Role of Stakeholder in IQAC and NAAC, Shri R.L.T. College of Science, Akola (28.01.2015).

44. National Conference on Sustainable Chemistry : Frontiers and Challenges, Brijlal Biyani Science College, Amravati (30,31.01.2015).
45. National Conference on Recent Trends in Chemical Sciences, Late Pundalikrao Gawali Arts and Science Mahavidyalaya, Shirpur-Jain (26.04.2015).
46. National Conference on Chemical Sciences : Emerging Scenario and Challenges, S.G.B. Amravati University, Amravati (29,30.01.2016).
47. Workshop on Green Chemistry Principles and its Applications, Shankarlal Khandelwal Arts, Commerce and Science College, Akola (29.02.2016).
48. Workshop on Written Examination and Interview Technique Guidance - Competitive Examinations, Shri R.L.T. College of Science, Akola (03.03.2016).
49. AUCTA's 18th Annual Convention and Seminar on Recent Advances in Electrochemistry, Shri R.L.T. College of Science, Akola (21.08.2016).
50. International Conference on Innovations in Science and Technology : Opportunities and Challenges, College of Engineering and Technology, Akola (23,24.09.2016).
51. National Seminar on Nanotechnology and Nanoengineering, Arts, Commerce and Science College, Amravati (26.09.2016).
52. Workshop on NAAC Assessment and Accreditation Process, B.G.E. Society, Shri R.L.T. College of Science, Akola (23.07.2017).
53. International Conference on Advances in Science, Technology and Management, College of Engineering and Technology, Akola (10.10.2017).
54. National Conference on Recent Advances in Chemical Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola (26,27.02.2018).
55. International Conference on Recent Trends in Science and Technology, S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (22,23.03.2018).
56. National Seminar cum Workshop on Art of Perfume and Soap Making, Shri R.L.T. College of Science, Akola (08.09.2018).
57. AUCTA's 20th Annual Convention and Seminar on Research Methodology in Current Context, Shri Shivaji Science College, Amravati (02.12.2018).
58. National Conference on Emerging Trends in Science, Vidya Bharati Mahavidyalaya, Amravati (01,02.02.2019).
59. State Level Seminar on My Health My Responsibility : Complementary to Medicine and Health Care and Teacher's Workshop on Teaching Constrains in Microbiology and Allied Sciences, Shri R.L.T. College of Science, Akola (28.02.2019).
60. National Conference on New Dimensions in Chemistry and Chemistry Education and National Convention of Chemistry Teachers, S.G.B. Amravati University, Amravati (05-07.12.2019).
61. AUCTA's 21st Annual Convention and Seminar on Recent Trends in Chemistry Research, S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (08.12.2019).
62. National Conference on Innovative Research in Science and Technology, Shri Shivaji Science College, Amravati (17,18.12.2019).
63. National Conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management, Shri R.L.T. College of Science, Akola (24.01.2020).
64. National Conference on Recent Advances in Chemical Sciences (Online), Shankarlal Khandelwal Arts, Commerce and Science College, Akola (01,02.05.2020).
65. Online Faculty Development Programme on LaTeX Training, Spoken Tutorial Project, I.I.T. Bombay, Shri R.L.T. College of Science, Akola (27.04.2020 to 02.05.2020).
66. Certificate Course in Spectroscopic Techniques in Chemistry (Online), Shri R.L.T. College of Science, Akola (05.05.2020).
67. National Online Workshop on Operating Techniques of Scientific Instruments in Laboratory, Shri R.L.T. College of Science, Akola (11.05.2020).
68. E-Certificate Course in Sericulture, Shri R.L.T. College of Science, Akola (11-14.05.2020).

69. Online National Webinar on Research Publications of Science Fraternity and Quality Dimensions, Mahatma Gandhi College of Science, Gadchandur and Lokmanya Tilak Mahavidyalaya, Wani (19.05.2020).
70. International Online Workshop on Nanomaterial Synthesis is Emerging Facet of the World, Late Pushpadevi Patil Arts and Science College, Risod (20.05.2020).
71. Skill Development Workshop Under the Theme: My India - My Development, Shri R.L.T. College of Science, Akola (21.05.2020).
72. State Level Online Workshop on Intellectual Property Rights, Shri R.L.T. College of Science, Akola (23.05.2020).
73. International Webinar on Effect of Covid-19 on Mental Health : Exploring Present and Future Perspectives, Anuradha College of Pharmacy, Chikhli (23.05.2020).
74. National Online Quiz on Plastic Pollution and Environmental Literacy, Shri Shivaji Arts, Commerce and Science College, Akot (24.05.2020).
75. State Level Online Quiz Competition on Biomolecules, Shri R.L.T. College of Science, Akola (25.05.2020).
76. E-Certificate Course on Renewable Energy - The Demand of Future, Shri R.L.T. College of Science, Akola (25-30.05.2020).
77. International Webinar on Importance of Self Reflection in Development, Anuradha College of Pharmacy, Chikhli (27.05.2020).
78. National Level Webinar on Library as a Learning Resource Centre, S.S.S.K.R. Innani Mahavidyalaya, Karanja-Lad (01.06.2020).
79. Faculty Development Programme on Intellectual Property Right : Procedures and Policies (Online), NES's Science College, Nanded (01.06.2020).
80. State Level Online Workshop on Environment and Biodiversity Conservation, Shri R.L.T. College of Science, Akola (05.06.2020).
81. National Webinar on Intellectual Property Rights, SIES College of Arts, Science and Commerce (Autonomous), Mumbai (06.06.2020).
82. Webinar Series on Current Issues in IPR and Anatomy of Patents, IEEE Bombay Section SAC and Akola Law College, Akola (06,07.06.2020).
83. International Virtual Conference on Pharma Profession and Opportunities, Anuradha College of Pharmacy, Chikhli (06,07.06.2020).
84. National Level Online E-Quiz on Teaching Aptitude, St. Joseph's College (Autonomous), Tiruchirappalli (08.06.2020).
85. International Webinar on Material Science, ACT, Mumbai, Madhav Science Post Graduate College, Ujjain and Kamla Nehru Mahavidyalaya, Nagpur (09.06.2020).
86. National E-Conference on Research in Interdisciplinary Studies, Government College of Education, Akola (09.06.2020).
87. National Workshop on Covid-19 and Digital Transformation, NTVS's Gajmal Tulshiram Patil Arts, Commerce and Science College, Nandurbar (11.06.2020).
88. Webinar on Recent Trends in Science, St. Joseph First Grade College, Mysuru (20-23.06.2020).
89. International E-Conference on Role of Nanoparticles and Chemistry for Sustainable Development, Nilkanthrao Shinde Science and Arts College, Bhadrawati (01.07.2020).
90. National E-Conference on Interdisciplinary Recent Research Trends, Shri R.R. Lahoti Science College, Morshi (03,04.07.2020).
91. International Conference on Recent Trends in Advanced Materials-2020 (Online), Nevjabai Hitkarini College, Bramhapuri, Late B.B. Arts, Prof. N.G. Science and A.G. Commerce College, Sakharkherda and Shri Sant Gadge Maharaj Mahavidyalaya, Hingna (06.07.2020).
92. Faculty Development Programme on Recent Trends in Technology and Teaching Learning Methodology (Online), SAGE University, Indore (09-11.07.2020).
93. Online Short Term Course on Research Methodology, Shri R.L.T. College of Science, Akola (13-16.07.2020).

94. Workshop on Applications of UV-VIS and IR Spectroscopy (Online), Amolakchand Mahavidyalaya, Yavatmal (16.07.2020).
95. National Level Webinar on Latest Developments in Green Chemistry, Amolakchand Mahavidyalaya, Yavatmal (24.07.2020).
96. National Webinar on Recent Trends in Nano-Sciences, Vidya Bharati Mahavidyalaya, Amravati (09.10.2020).
97. National Webinar on Instrumental Methods of Analysis, ACT, Mumbai, Kamla Nehru Mahavidyalaya, Nagpur and Kalasalingam Academy of Research and Education, Krishnankoil (17,18.10.2020).
98. International Interdisciplinary Virtual Conference on Drug, Disease and Development, Mungasaji Maharaj Mahavidyalaya, Darwha (09,10.12.2020).
99. International Webinar on New Horizons in Chemical Research and Product Development, Shri Vyankatesh Arts, Commerce and Science College, Deulgaon Raja (29.12.2020).
100. Webinar on Empowering Diversity in Science - Global Women's Breakfast : 2021, S.G.B. Amravati University, Amravati and ACT, Mumbai (09.02.2021).
101. International Webinar on Innovations in Science and Technology, Smt. Narsamma Arts, Commerce and Science College, Amravati (27.02.2021).
102. National Level E-Workshop on Organic Farming for Sustainable Agriculture, Shri R.L.T. College of Science, Akola (24.03.2021).
103. National Online FDP on ICT Tools for Effective Teaching Learning, Kamla Nehru Mahavidyalaya, Nagpur (08-10.06.2021).
104. National Level Virtual Conference on New Trends in Organic Synthesis, Narayanrao Kale Smruti Model College, Karanja-Ghadge (11.08.2021).
105. National E-Conference on Role of Nanotechnology for Sustainable Future, Shri Shivaji Science and Arts College, Chikhli (31.08.2021).
106. National Online Workshop on Intellectual Property Rights and Patent Filing, Shri R.L.T. College of Science, Akola (31.08.2021).
107. Online Workshop on Process of Drug Designing and Drug Discovery, Shri R.L.T. College of Science, Akola (04.10.2021).
108. National Seminar on National Education Policy - 2020, Shri R.L.T. College of Science, Akola (03.12.2021).
109. Webinar on Empowering Diversity in Science - Global Women's Breakfast : 2022, S.G.B. Amravati University, Amravati and ACT, Mumbai (16.02.2022).
110. National Multidisciplinary Research E-conference, B.S. Patel Arts, Commerce and Science College, Pimpalgaon-Kale (28.05.2022).
111. National Conference on Current Trends in Chemical Sciences, S.G.B. Amravati University, Amravati (28,29.06.2022).
112. Workshop on CBCS-NEP Execution Training Programme, S.G.B. Amravati University, Amravati and Smt. L.R.T. College of Commerce, Akola (17.09.2022).