


- Bio-data -

Name	:	. Gajanan Vijayrao Korpe			
Designation	:	Principal, Shri Shivaji Science College Amravati (MS. India)			
Date of Birth	:	26th July, 1975			
Birth Place	:	Akot			
Residential Address	:	Flat No. 404, Royal Residency Apartment, Satav Chowk, Jatharpath, Akola - 4404005 (MS. India)			
Office Address	:	Shri Shivaji Science College Amravati, Shivaji Nagar Amravati (MS. India) 444604			
Contact	:	Mob.No. 91-9822343575 / 8275642412 Email. korpegv@rediffmail.com			
Religion / Caste	:	Hindu / Kunbi (OBC)			
Educational Qualification	:	M.Sc. (Chemistry), B.Ed., Ph.D.			
Name of Board / University	College / Institute	Name of Examination	Year	Percentage of Marks Obtained	Class Division
Pune Board	A. W. Sindhu Vidya Bhavan, Pune	S.S.C.	1991	56.85%	II nd
Amravati Board	Shri Shivaji Junior College, Akot	H.S.S.C.	1993	58.83%	II nd
S.G.B. Amravati University, Amravati.	Shri Shivaji Arts, Comm. and Science College, Akot	B. Sc. Chem., Bot. & Zoo.	1996	58.81%	II nd
S.G.B. Amravati University, Amravati.	Shri Shivaji College of Arts, Commerce and Science, Akola	M. Sc. Chemistry	1998	61.50 %	I st
S.G.B. Amravati University, Amravati.	College of Education, Amravati University, Amravati	B. Ed.	1999	73.40%	I st
S.G.B. Amravati University, Amravati.	Shri Shivaji College of Arts, Commerce and Science, Akola	Ph.D.	2003	Awarded	----

Title of Ph.D. Thesis: -Synthetic Studies of Tetra-O-Benzoyl-D
GlucopyranosylIsothiocyanate and Related Compounds.

Research Centre -Department of Chemistry, Shri Shivaji College of Arts, Commerce and
Science, Akola (MS) under Guidance of **Prof. S. P. Deshmukh**.

Professional / Academic Training:

Name of the Course	Duration	Place
Orientation Programme	4 Weeks / 08/02/2005 to 07/03/2005	Academic Staff College, Goa University
Refresher Course	3 Weeks / 08/11/2005 to 28/11/2005	UGC Refresher Course Centre, S.G.B. Amravati University, Amravati
Refresher Course	3 Weeks / 15/11/2010 to 04/12/2010	Academic Staff College, S.G.B. Amravati University, Amravati
Two Week Workshop on Information and Communication Technology (ICT)	2 Weeks / 05/04/2013 to 20/04/2013	Shri Shivaji College of Arts, Commerce and Science, Akola.
Short Term Course in Nano Biotechnology (For all Subjects)	1 Weeks / 15/12/2014 to 20/12/2014	Academic Staff College, S.G.B. Amravati University, Amravati
Online Faculty Development Program on Renewable Energy Sources: A way Ahead.	1 Week / 15/05/2021 to 21/05/2020	Cummins College of Engineering for Women Nagpur.

Appointment Date and Designation at Present Institution –

Designation	From	To	Grade / Pay Matrix Level
Lecturer (FDP Substitute)	15/9/1999	14/9/2001	Lecturer (2200-75-2800-100- 4000)
Lecturer (CHB)	Session 2001-2002	2002 - 2003	Lecturer (CHB)
Lecturer Fulltime	19/06/2003	31/12/2005	Lecturer
Assistant Professor	01/01/2006	18/06/2007	Assistant Professor (AGP Rs.6000/-)
Assistant Professor	19/06/2007	18/06/2012	Assistant Professor (AGP Rs.7000/-)
Assistant Professor	19/06/2012	18/06/2015	Assistant Professor (AGP Rs.8000/-)
Associate Professor	19/06/2015	04/03/2020	Associate Professor (AGP Rs.9000/-)
Professor	5/03/2020	30/06/2021	Professor & AL-14: 144200 – 218200

Principal	01/07/2021	Till Date	Professor & L-14: 144200-218200
Teaching Experience	<p>- Total 23 Years(UG & PG)</p> <hr/> <p>-02 years as substitute a teacher under Faculty Development Program (FDP) at Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola. From September, 1999 to September, 2001.</p> <hr/> <p>-02 years as Lecturer Clock Hours Basis (CHB) from 2001 to 2003.</p> <hr/> <p>-18 Years as full-time teacher at Department of Chemistry, Shri Shivaji College of Arts, Commerce and science, Akola.</p>		
Research Experience	<p>- 25 years research Experience in the Field of Synthetic and Mechanistic Organic Chemistry and Material Science.</p>		
Principal Experience	<p>- 4 years 8 Months</p>		
Academic Identity			
Vidwan	- URL - Vidwan Profile Page (inlibnet.ac.in)	Vidwan-ID: 85185	
Google Scholar	- URL - Gajanan V. Korpe - Google Scholar		
ORCID	- ID - https://orcid.org/0000-0003-1378-3879		
Research Guidance –	<ul style="list-style-type: none"> ▪ Students Awarded Ph.D. – 04 <hr/> ▪ Students Registered for Ph.D. – 02 <hr/> ▪ Students Awarded M. Phil. – 05 <hr/> ▪ Masters (M. Sc.) Project Guided - 22 		
List of Ph.D. Awarded Students –			
<p>1.Dr. Raksha S. Bokade, “Synthesis Characterization and Biological Evaluation of N-Linked Glycosylated Isothiobiurets and Related Compounds” Date - 26-08-2016, SGB Amravati University, Amravati.</p>			
<p>2.Dr. Samidha S. Kadu, “Synthesis Characterization and Microbial Studies of N-Glycosylated Open Chain and Cyclic Compounds” Date – 17-07-2018, SGB Amravati University, Amravati.</p>			

3.Dr. Kishor N. Puri, “Synthetic and Structural Studies of N-Glucosylated Nitrogen and Sulphur Containing Open Chain and Cyclic Compounds” **Date – 29-9-2018**, SGB Amravati University, Amravati.

4. Ms. Anuja M. Mopari, Title: “Synthesis Spectroscopic and Biological Studies of N-Maltosylated Open Chain and Cyclic Compounds” Date of Ph.D. Notification: **17/05/2024**. SGB Amravati University, Amravati.

List of Ph.D. Registered Students –

1. Mr. Nitin A. Deshmukh (CSIR Research Fellow), Title: Special Distribution of Uranium and Associated Water Quality Parameters in Ground/Drinking Water in Washim District of Amravati Division. Maharashtra State. Date of Registration: 01/09/2019.

2. Mr. Ajit L. Tarale (BRNS Project Fellow), Title: Studies of Special Distribution of Uranium and Associated Water Quality Parameters in Ground Water of Akola and Amravati District of Amravati Division. Maharashtra State. Date of Registration: 01/09/2020.

3. Ms. Gayatri G. Harne (Ph.D. Research Student), Title: Deposition of Transition Metals on G.C.N.(Graphitic Carbon Nitride) for the Heterogeneous Catalysis and Other Applications

Patents: -02

1. M. Mujahid, S. P. Deshmukh, S. G. Bhadange, G. V. Korpe. Process for the preparation of central nervous system (CNS) stimulant Prolintane. Indian **Patent Awarded** No. 201721036589, Date: 28/09/2020.

2. S. K. Omanwar, G. V. Korpe, R. G. Bora, V. S. Hingwe. Novel Solution Phase Method for Carbon dots Synthesis. Indian Patent Application No. 201721035925, Filing Date: 10/10/2017. Publication Date – 10/11/2017.

Research Projects Completed – 05

Total cost of projects completed – ₹. 48,81,000/-

Title	Agency	Period	Grants in Lakh
1. Synthetic and Structural Organic Chemistry of Nitrogen and Sulphur Containing Galactose Compounds	UGC, New Delhi	2005-2007	0.35
2. Microwave Assisted Synthesis of N-Glucosylated Compounds	UGC, New Delhi	2009-2011	2.0
3. Application of Microwave in Carbohydrate Chemistry: Synthetic Studies of Sugar	UGC, New Delhi	2010-2013	6.69

Isothiocyanates and Isocyanates under Microwave Irradiation.

4. Synthesis and Characterization of Novel Glycosylated Formamidines and their Biological Studies. UGC, New Delhi 2013-2016 **12.80**

5. National Uranium Project: Special distribution of Uranium and associated water quality parameters in ground/drinking water in 3 District of Amravati Division (Amravati, Akola and Washim) Maharashtra State Department of Atomic Energy (DAE) / Board of Research in Nuclear Sciences, Mumbai (BRNS) 2016-2018 **26.97**

Organisation of Seminars / Conferences / Workshops and other Academic Programs –

- **Organizing Secretary**, National Seminar on “Current Trends in Chemical Sciences Research” Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola, 28th March, 2008.
 - **Member Organizing Committee**, National Conference on Recent Advances of Biotechnology, Department of Botany, Shri Shivaji College of Arts, Commerce and Science, Akola.
 - **Member Organizing Committee**, One Day District Level Workshop of Teacher for Quality Education with Reference to Sixth Pay Commission, Shri Shivaji College of Arts, Commerce and Science, Akola.
 - **Member Organizing Committee**, workshop on current trends in Current Trends in Spectroscopy Technique, Department of Chemistry, Shri Shivaji College of Arts, Commerce and Science, Akola, 14-20/07/2014.
 - **Akola District Coordinator, “AVISHAR – 2018” Organized**, Workshop for AVISHKAR-2018 College Coordinators of Akola District, 10th September, 2018.
 - **Akola District Coordinator, “AVISHAR – 2018”** aresearch convention organized by Sant Gadge Baba Amravati University, Amravati.
 - **Member Organizing Committee**, UGC Sponsored State Level Seminar on “Current Scenario of Botanical Research” Department of Botany, Shri Shivaji College of Arts, Commerce and Science, Akola.
 - **Organizing Secretary**, UGC Sponsored National Conference on Recent Advances in Chemical Sciences (NCRACS – 2018), February 26 – 27, 2018, Department of Chemistry and IQAC Shri Shivaji College of Arts, Commerce and Science, Akola.
 - **Member Organizing Committee**, One Day Workshop on “New Accreditation Methodology: An Overview” 28th March, 2019.
 - **Member Organizing Committee**, Online District Level NAAC Awareness Workshop organized by IQAC, Shri Shivaji College of Arts, Commerce and Science, Akola in Collaboration with RUSA, Maharashtra and Joint Director of Higher Education, 23rd June, 2020.
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- **Convener**, Online One Day Workshop on Intellectual Property Rights (IPR), 20th January, 2021, Organized by IQAC and RAC Shri Shivaji College of arts, Commerce and Science, Akola
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- **Member Organizing Committee**, Webinar on “Catalysis for Sustainable Chemistry” for Research and PG Chemistry Students, 20th March, 2021.
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Institutional Administrative Responsibilities –

- Head, Department of Chemistry
 - Coordinator DST-FIST Program
 - Coordinator College UGC Interface Committee
 - Coordinator College Research Activity Committee (RAC)
 - Coordinator Central Instrumentation Cell (CIC)
 - Member College Development Committee (CDC)
 - Member Internal Quality Assurance Cell (IQAC)
 - Member College Planning Board
 - Member College Library Committee
 - Coordinator PG Chemistry Admission Committee
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Other Expertise –

- Chemistry subject expert to appoint Assistant Professors, in colleges.
 - Invited speaker in conferences, Seminars and Workshops.
 - Invited subject expert on Research Committees of colleges.
 - Resource person in Workshop / Short Term courses / Seminars
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Participation in Social Outreach Programs –

- Drugs, Alcohol and Tobacco Abuse Prevention and Awareness Campaign by Organizing Poster Presentation Event.
 - Organization of poster competition every year on the occasion of Ozone Day (16th September, International Day for the Preservation of the Ozone Layer)
 - Organized superstition eradication program by organizing various events during annual science exhibition for school students.
 - Organized Food Adulteration Detection camp at Sanglud (M.S.)
 - Developed laboratory for testing water and soil samples for Agriculture and Industry purpose from the grant received from BRNS-DAE Research Project.
 - Developed sanitizer for surfaces and personal use as per WHO norms to be used during ongoing COVID-19 pandemic. The sanitizer developed was supplied to Akola police for
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sanitization of police staff and police patrol vehicles. Training sessions for police personals were organized in March, 2020 for formulation of sanitizer its application for personal and for disinfection of patrol vehicles at Akola police Headquarters.

- The sanitizers (for surface / Personal use) developed by Department of Chemistry was supplied to Akola Municipal Corporation as per their demand to help frontline workers during unprecedented challenging COVID-19 pandemic situation.
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Professional Membership –

- ✓ Life Member Indian Science Congress Association, Kolkata.
 - ✓ Life Member of Indian Chemical Society, Kolkata.
 - ✓ Life Member Amravati University Chemistry Teachers Association.
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Awards / Recognitions –

- **‘Best principal Award 2024’ of Shri Shivaji Education Society, Amravati**
 - **“Shiv Gaurav Award”** in Recognition of Valuable Contribution in Research, 2003 by Shri Shivaji College of Arts, Commerce and Science, Akola.
 - **“Best Teacher Award – 2020”** in Recognition of Valuable Contribution in College Services by Shri Shivaji College of Arts, Commerce and Science, Akola.
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Books written –

- Co-author Text book of Organic Chemistry, B. Sc. III / Bokey Publication, Amravati.
 - Co-author Text book of Practical Chemistry, B. Sc. II / Bokey Publication, Amravati.
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Research Publications –

1. N – Glucosylated compounds: Synthesis of New 1 – tetra – O – acetyl – β – D – glucopyranosyl – 3 – aryl thiocarbamides. **G. V. Korpe** and S. P. Deshmukh, Asian Journal of Chemistry, Vol. 13 No. 2, 765 - 767, 2001.

2. Synthesis, Antibacterial and Antifungal Activities of N – glucopyranosyl benzothiazolyl thiocarbamides. **G. V. Korpe**, S. P. Deshmukh and A. K. Fokmare. Indian Journal of Heterocyclic Chemistry, Vol. 10, April – June, 287 – 290, 2001.

3. Synthesis of 1 – tetra – O – benzoyl – β – D – Glucopyranosyl – 3 – Aryl / (H) thiocarbamides. **G. V. Korpe** and S. P. Deshmukh, Oriental Journal of Chemistry Vol. 17 (2) 307 – 310, 2001.

4. Synthesis of 5 – glucosyl – 2 – 4 – isodithiobiurets and heir antimicrobial study. **G. V. Korpe**, S. P. Deshmukh and M. Musaddique. Asian Journal of Chemistry, Vol. 14, No. 1, 121 – 124, 2002.

5. Synthesis of 1 tetra – O – benzoyl – β – D - Glucopyranosyl – 5 – aryl – 2 – S – benzyl – 2, 4 – isodithiobiurets and their antimicrobial activity. **G. V. Korpe** and S.P. Deshmukh, J. Indian Chem. Soc, Vol.79, 972 – 973, 2002.

6. Debenzylation and Cyclization reaction of certain 1–aryl–5–tetra –O–benzoyl– β –D– Glucopyranosyl – 2 –S–benzyl–2,4 – isodithiobiurets : Direct Synthesis of 3 – tetra – O - benzoyl – β – D – glucopyranosylimino –5–arylimino–1,2,4–dithiazolidines and their antimicrobial studies. **G. V. Korpe** and S. P. Deshmukh, Indian. J. Heterocyclic Chemistry, 12, 391, 2003.

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7. On thiogalactosides: Synthesis of S – tetra – O – acetyl – β – D – galactosyl – 1 – aryl isothiocarbamides. B. S. Gabhe, **G. V. Korpe** and S. P. Deshmukh, J. Indian Chem. Soc., Vol.84, pp.1042 - 1044 October, 2007.
-
8. New N-galactosides: Synthesis of N-galactosylated thiocarbamides, benzothiazolyl thiocarbamides and thiocarbamates. P. R. Mahalle, **G. V. Korpe** and S. P. Deshmukh, J. Ind. Chem. Soc. Vol. 85, pp.953-958, sept. - 2008.
-
9. Synthesis of N - glycosyl thiadiazines (hydrochlorides). P. R. Mahalle, **G. V. Korpe** and S. P. Deshmukh, Ind. J. Heterocyclic chemistry Vol. 18, Oct – Dec., pp. 161 – 164, 2008.
-
10. Comparative study of microwave induced and conventional synthesis of acetylated sugar isothiocyanates and related thiocarbamides. A. V. Yadgire, **G. V. Korpe**, S. P. Deshmukh. E-Journal of Chemistry, 8(4), pp. 1614-1619, 2011.
-
11. Concise Synthetic Study Towards Tetra-*O*-Acetyl- β – D - Glucopyranosyl – 5 – Aryl – 2 – S – Benzyl -2-Isothiobiurets. R. S. Bokade, **G. V. Korpe**. International Journal of Researches in Biosciences, Agriculture and Technology, 2(1), pp. 135-138, Jan. 2014.
-
12. Synthesis and Evaluation of New N-GlucosylatedIsothiobiurets as Antimicrobial Agents.R. S. Bokade, **G. V. Korpe**. Am. J. PharmTech Res. 4(4), pp. 528-533, 2014.
-
13. Synthesis, Characterization and Microbial Studies of N-LactosylatedIsothiobiurets. R. S. Bokade, **G. V. Korpe**. Jr. Appli. Chem. 3(5), pp. 1894 -1898, 2014.
-
14. Synthesis and antimicrobial screening of hepta-*O*-acetyl- β -D-lactosyl-5-aryl-2-*S*-benzyl-2-isothiobiurets. R. S. Bokade, **G. V. Korpe**. J. Indian Chem. Soc. 91, pp. 1967-1971, Oct. 2014.
-
15. Synthetic Study and Biological Evaluation of 1-Tetra-*O*-Benzoyl- β -D-Glucopyranosyl-3-Substituted Thiocarbamides. K. N. Puri and **G. V. Korpe**, Rasayan J. Chem. 7(2), pp. 177-180, June 2014.
-
16. VUV Properties of Eu³⁺- Doped YBO₃ Phosphor Prepared Via Aldo-Keto and Solid-State Process. R. N. Wankhade, N. S. Bajaj, **G. V. Korpe**, V. B. Bhatkar and S. K. Omanwar, J. Advan. Physics, 7 (3), Feb. 2015.
-
17. Versatile synthesis of N-substituted lactopyranosyl formamidines by desulfurization of the corresponding thiocarbamides, G. S. Patkar, V. S. Zade and **G. V. Korpe**, J. Indian Chem. Soc. 92, pp. 393-397, March 2015.
-
18. A Versatile Synthesis and Antimicrobial Activity of 3 – Oxo – 2 – Aryl – 4 – m – Chlorophenyl – 5 – Tetra – O – acetyl - β -D-Glucopyranosylimino-1, 2, 4-Thiadiazilidines. R. S. Bokade, **G. V. Korpe**. Ind. J. Hetero cycl. chem. 24, pp. 283-288, Jan – March, 2015.
-
19. Synthesis, Characterization and Antimicrobial Study of Some Benzoylated Glucopyranosyl Disubstituted Thiocarbamides. K. N. Puri and **G. V. Korpe**. Int. J. Chem. Sci., pp. 1787-1793, 13(4), 2015.
-
20. Synthesis and Spectral Studies of N-Glucopyranosyl Sustituted-1, 3, 4- Thiadiazolidines. K. N. Puri and **G. V. Korpe**. Rasayan Journal of Chemistry, pp. 401 – 404, Vol. (9)3, July – Sep., 2016
-
21. Synthesis with Antimicrobial Study of Some Novel Glycosyl Thiocarbamides. Samidha S. Kadu and **G. V. Korpe**, Rasayan Journal of Chemistry, pp. 40 – 43, Vol. (9)1, Jan.- March, 2016.
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22. Synthetic Studies of 1-Tetra-O-Benzoyl- β -D-Glucopyranosyl-3-(2)-Substituted Hydrazino - 1, 3 - Benzothiazolyl Thiocarbamides. K. N. Puri and **G. V. Korpe**. Rasayan Journal of Chemistry, pp. 52 – 55, (9)1, Jan.- March, 2016.
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23. Novel Synthesis of Some N-Glycosyl Benzimidazolyl Thiocarbamides and their Antimicrobial Activity. Samidha S. Kadu, **G. V. Korpe** and R. P. Karyakarte, J. Indian Chem. Soc., pp. 1389-1392, Vol. 93, December 2016.
-
24. Synthesis and Characterization of novel Formamidines, benzothiazolyl formamidines and formimidic acid alkyl ester as potential antimicrobial agent. Am. J. PharmTech Res. Varsha S. Zade, **G. V. Korpe**, pp. 774-783, 2016, 6(3).
-
25. Synthesis and Antimicrobial Properties of Bis-Thiocarbamides. Samidha S. Kadu and **G. V. Korpe**, Am. J. PharmTech Res., pp.673-678, 2016; 6(4).
-
26. The synthesis, spectral characterization and biological properties of new 1-glycosyl-3-benzimidazolyl carbamides. Samidha S. Kadu and **G. V. Korpe**, Indian Journal of Heterocyclic Chemistry. 27, 02,113-116, Apr-Jun 2017.
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27. Raney Nickel Mediated Reductive Desulfurization of N-Maltosylated Thiocarbamides. A. L. Tarale, R. E. Bhadange, R. G. Shende, **G. V. Korpe**, Ajanta, VI, II, 69-73, April-June, 2017.
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28. Characterization and Antimicrobial Study of Newly Synthesized Aryl Thiocarbamides and Respective Dithiazolidenes. S. S. Kadu and **G. V. Korpe**, International Journal of Pure and Applied Res. in Eng. and Tech., 6(2), 284-287, 2017.
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29. Synthesis and Biological Evaluation of N-LactosylFormamaindines. V. S. Zade, **G. V. Korpe**, Indian Journal of Heterocyclic Chem. 27, 03,241-244, Jul-Sep 2017.
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30. Photoluminescence properties of $\text{KSrPO}_4:\text{Sm}^{3+}$ Phosphor for SSL Applications, R. G. Bora, C. B. Palan, N. S. Sawala, **G. V. Korpe**, S. K. Omanwar. J. Mater Sci. Mater Electron, 16 Oct. 2017, DOI 10.1007/s10854-017-7945-8.
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31. Massive Open Online Courses (MOOCs) for Enrichment of Teaching Learning and Evaluation, S. M. Palhade, **G. V. Korpe**, A. S. Raut and S. G. Bhadange Scholars Impact, 47-52, 2018
-
32. Newly Synthesised Glycosyl Imino-1,2,4-Dithiazolidines with Spectral Study, S. S. Kadu and **G. V. Korpe**, Aayushi International Interdisciplinary Res. J., 25, 4-7, 2018.
-
33. ICT for Enhancement and Enrichment of Teaching Learning and Evaluation, S. M. Palhade, A. S. Raut and **G. V. Korpe**, Scholars Impact, 113-115, 2018.
-
34. Synthesis of N-Glucopyranosyl Substituted 1,3,4-Thiadiazolidine Derivatives and its Applications as Antimicrobial Agents, Puri K. N., Bhadange R. E., Karhe U. W., **Korpe G. V.**, Aayushi International Interdisciplinary Res. J., 26, 1077-1079, 2018.
-
35. Low Temperature Stearic Acid Sol-Gel Synthesis of Nano Crystalline MgO, R. N. Wankhade, **G. V. Korpe**, N. S. Bajaj, V. S. Hingwe, S. K. Omanwar, Review of Research, 1, 3, 1-4, 2019.
-
36. Novel Synthesis and Characterisation of some Benzylidene Derivatives of Glycosyl Thiocarbamides, Samidha S. Kadu, **G. V. Korpe**, Rasayan Journal of Chemistry, Vol.12,3,1058-1062, 2019
-

37. An Alternative Synthesis of the CNS Stimulant Prolintane, Arkivoc, M. Mujahid, **G. V. Korpe**, S. P. Deshmukh, S. G. Bhadange, and M. Muthukrishnan, 1 - 6, Part V, 2019.

DOI: <https://doi.org/10.24820/ark.5550190.p010.952>

38. Synthesis, Characterization and Biological Evaluation of 1-Hepta-O-Benzoyl- β -D-Maltosyl-3-Substituted Benzothiazolyl Carbamides, International Journal of Current Engineering and Scientific Research (Ijcesr), Anuja M. Mopari, Shirish P. Deshmukh, **Gajanan V. Korpe**, VOLUME-6, ISSUE-1, 2019, pp 1016 - 1020

39. VUV Excited Luminescent Studies of CaF₂: Eu Tailored by Reducing Treatment to Eu²⁺ Ion, R. G. Korpe, N.S. Bajaj, **G.V. Korpe** and S.K. Omanwar, Vidyabharati International Interdisciplinary Research Journal (Special Issue NCRACS 2020-May 2020), p. 112-117.

40. Aldo-Keto Gel Synthesis and Photoluminescence Properties of YVO₄:Eu³⁺ Microsphere, K. A. Koparkar, R. G. Korpe, **G. V. Korpe**, S. K. Omanwar, International Journal of Scientific Research in Science and Technology, Volume 8 - Issue 1, 2021, p. 480-483.

41. Synthesis and Structural Studies of N-Maltosylated Aryl Thiobiurets ,Anuja M. Mopari, **G.V.Korpe**, Asian Journal of Chemistry Vol. 34, No. 5,1220-1224.,2022.

42. Groundwater quality of compact rock aquifers from Deccan trap basalt in Malegaon Tehsil of Washim District, Maharashtra was analysed using hydrogeochemistry and multifaceted statistical analysis., N. A. Deshmukh, **G. V. Korpe**, R. G. Korpe, A. L.Tarale, Global Online Electronic International Interdisciplinary Research Journal (GOEIJR), ISSN : 2278 – 5639, Volume – XIII Special Issue – VIII

43. An analysis of the geochemical composition of groundwater in rural and urban area of Karanja Tehsil of Washim District (MH).,N. A. Deshmukh, **G. V. Korpe**, R. G. Korpe, R. E. Bhadange, Aayushi International Interdisciplinary Research Journal, ISSN 2349-638x.,2024

44. Multivariate Statistical Investigation And Hydrogeochemical Analysis Of Hard Rock Aquifer Groundwater Quality From Deccan Trap Basalt In Washim District, Maharashtra, India., N. A. Deshmukh, **G. V. Korpe**, A. L. Tarale, R. G. Korpe, International Journal of Creative Research Thoughts (IJCRT), Volume 13, Issue 7 July 2025 | ISSN: 2320-2882.,2025

45. Green innovations in C-H bond functionalisation: exploring homogeneous recyclable catalytic systems, D. S. Deshmukh, Sanjay Singh, Kirtikumar C. Badgujar, Vivek T. Humne, B.M.Bhange, **G.V.Korpe**, Royal Society of chemistry., 1463-9270,ISSUE 20,2025

46. Hydrochemical Characterization And Irrigation Suitability Of Groundwater In Akola Tehsil, Maharashtra., A. L.Tarale, **G. V. Korpe**, N. A. Deshmukh ,R. G. Korpe, International Journal of Creative Research Thoughts (IJCRT), Volume 14, Issue 3 March 2026 | ISSN: 2320-2882.,2026

Invited Talk / Paper presented in Conferences / Seminars –

Sr. No.	Invited Talk/ Paper presented	Title of Conference / Seminar	Event Organized by	International National / State / Regional
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1	Synthesis of 1 –tetra – O – benzoyl – β – D – glucopyranosyl – 3 – Aryl/H Thiocarbamides”	88 th session of Indian Science Congress	Indian Science Congress Association at IARI Pusa Institute, Delhi Jan. 3 to 7, 2001.	International
2	Presented a paper entitled “Synthesis of N – glucopyranosylthiocarbamates and their antimicrobial activity	89 th session of Indian Science Congress	Indian Science Congress Association at Lucknow Uni., Lucknow (U.P.) from 3-7 Jan. 2002.	International
3	Synthesis of S – hepta – O – benzoyllactosyl Aryldithiocarbamides.	National Conference on Green Chemistry and its Perspective	Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb. 11 & 12, 2008	National
4	Synthesis of S hepta-O-benzoyl lactosyl Aryl isothiocarbamides.	UGC Sponsored Regional Seminar on Recent Trends in Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences	Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud. 2 nd March, 2008.	Regional
5	Synthetic Methods of Some Peracetylated Thiogalactosides with their Antimicrobial Properties.	National Conference on Recent Advances in Chemical Research	Department of Chemistry, Osmania University Hyderabad, Feb 6 – 7, 2009	National
6	Synthesis of S-Hepta – O – Benzoyl - β – D – Maltosyl – 1 – Aryl Dithiocarbamates.	National Conference on Advanced Material and Technology	Shri Shivaji Science College, Congress Nagar, Nagpur, Dec. 29 th – 30 th 2009.	National
7	Synthesis of 2-phenylimino-3-aryl-4-S-benzyl-6-hepta-O-acetyl- β -D-maltosylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochloride)	International Conference on Global Challenges- The Role of Chemistry In Giving Their Solutions	Indian Council of Chemists at Bangkok, (Thailand) from 12-14 June, 2012	International
8	Comparative Study of Microwave Induced and Conventional Synthesis of Acetylated Sugar Isothiocyanates and Related Thiocarbamides”	National Conference on Photo Catalytic Process and Control of the	Dept. of Chemistry Govt. Arts, Commerce and Science, Ratlam. 27-28 Feb., 2012.	National

		Environmental Pollution		
9	Concise Synthetic Study Towards Hepta-O-Acetyl- β -D-Lactosyl-5-Aryl-2-S-benzyl-2-isothiobiurets.	Annual Convention of Chemists	Indian Chemical Society, Kolkata, 04-07 Dec., 2013	National
10	Peracetylated N-Substituted Lactosyl Formamidines and Formamidic Acid Alkyl Ester: Synthesis and Biological Activity	National Conference on Sustainable Chemistry: Frontiers and Challenges	Brijlal Biyani Science College, Amravati, Jan. 30-31, 2015	National
11	Synthesis of some Novel N-GlycosylBenzimidazolyl Thiocarbamides and their Antimicrobial Activity.	International Conference on Contemporary Research in Chemical and Life Sciences	Sadguru Gadage Maharaj College, Karad, 22 nd and 23 rd April, 2015.	International
12	Synthesis, Characterization and Microbial Assay of N-GlucosylatedHydrazinoBenzothiazolyl Thiocarbamide	National Conference on Recent Trends in Chemical Science	Department of Chemistry Late PundalikraoGawali Arts and Science MahavidyalayaShirpur (Jain) DistWashim. 26 th April, 2015.	National
13	Photoluminescence Property----- Solid State Lighting.	National Conference on Luminescence and Applications [NCLA-17]	CSIR – Indian Institute of Chemical Technology [IICT] Hyderabad	National
14	Special Distribution of Uranium and Associated Water Quality Parameters in Ground/Drinking Water in Akola Tahsil of District Akola (MS)	UGC Sponsored National Conference on Recent Advances in Chemical Sciences (NCRACS – 2018), Feb. 26 – 27, 2018.	Department of Chemistry and IQAC, Shri Shivaji College of Arts, Commerce and Science, Akola.	National Conference
15	ICT for Enhancements & Enrichment of Teaching Learning and Evaluation	NAAC Sponsored One Day National Conference on New Methodology of NAAC Assessment to Nurture Quality Enhancement in Higher Educational Institutions.	Smt. L.R.T, College of Commerce, Akola, 29 th September, 2018.	National

16	Spatial Distribution of Uranium and Associated Water Quality Parameters in Ground / Drinking Water in Washim Tehsil of Washim District Maharashtra.	Twentieth National Symposium on Environment (NSE-20)	Discipline of Earth Sciences, IIT Gandhinagar & Health, Safety and Environment Group, Bhabha Atomic Research Centre, Mumbai, 13 th -15 th December, 2018	National
17	Spectral Studies of Some Newly Synthesised Bis-thiocarbamides	USC Sponsored National Conference on Emerging Trends in Science	SSSKR InnaniMahavidyala ya Karanja (Lad). Dist. Washim, 1 st & 2 nd . Feb.,2019	National
18	A Report on Mineral Analysis of Leaf Samples of Leucas Species from Maharashtra State	4 th International Conference on Science, Agriculture and Technology for Society, 13 th to 15 th May, 2019.	VMS Research Foundation, Nagpur & East West Institute of Technology, Bengaluru	International (Within Country)
19	Chaired Technical Session – 03 of Chemical Sciences	4 th International Conference on Science, Agriculture and Technology for Society, 13 th to 15 th May, 2019.	VMS Research Foundation, Nagpur & East West Institute of Technology, Bengaluru	International (Within Country)
20	Facile Green Synthesis of Carbon Quantum Dots by Using Citric Acid and Thiourea	National Symposium on Innovative Materials and Devices, 24 th - 25 th June, 2019	Department of Physics, Sant Gadge Baba Amravati University, Amravati.	National
21	Synthesis and Biological ---- Thiaidiazolidines	National Conference on New Dimensions in Chemistry and Chemistry Education and National Convention of Chemistry Teachers (NCCT – 2019), 5 th to 7 th December, 2019	Department of Chemistry, Sant Gadge Baba Amravati University, Amravati.	National
22	Green Synthesis of Carbon Quantum Dots using Citric Acid and Thiourea	National Conference on Innovative Research in	Department of Chemistry, Shri Shivaji Science College, Amravati.	National

		Science and Technology (NCIRST-2019), 17 th and 18 th December, 2019		
23	VUV Properties of Eu ³⁺ - Doped Y ₂ O ₃ Phosphor Prepared Via Solution Combustion Method and Solid-State Diffusion Method	National Conference on Recent Advances in Physical and Mathematical Sciences (NCRAPMS – 2020) January 18 th 2020	Shri Shivaji College of Arts, Commerce and Science, Akola	National
24	Comparative Study of CaF ₂ :Eu ²⁺ and Mn ²⁺ :Eu ²⁺ (M = Ca, Sr, Ba) Blue Emitting Phosphors under VUV Excitation (147 and 172nm)	Online National Conference on Recent Advances in Chemical Sciences 1 st and 2 nd May, 2020	Department of Chemistry and IQAC, Shankarlal Khandelwal Arts, Science and Com. College, Akola	National
25	Aldo-Keto Gel Synthesis and Photoluminescence Properties of YVO ₄ : Eu ³⁺ Microsphere	International E-Conference on Recent Advances in Materials Science and Nanotechnology, 7 th to 9 th February, 2021	Arts, Commerce and Science College, Maregaon (Road)	International 1 (Online)

Conferences / Seminars/Workshops Attended

1. Participated in the Seminar on “Significant Trends of Research in Chemistry” at Chemistry Department, RTM, Nagpur University Nagpur on 29th Feb. 2004.
2. Participated in the 93rd session of Indian Science Congress at N. G. Ranga Agricultural Uni., Hyderabad from 3-7 Jan., 2006.
3. Participated in National Work shop on Green Chemistry at NEERI, Nagpur sponsored by UGC, CSIR New Delhi. Feb.2007.
4. National Seminar on Advanced Materials at RTM Nagpur Uni. Nagpur on 12th Feb., 2007.
5. Participated in National Seminar on “Current Trends in Chemical Sciences Research” organised by Department of Chemistry, Shri Shivaji College, Akola, on 25th March 2008.
6. A motivational soft skill development (Prayas) workshop at Shri Shivaji College of Arts, Commerce and Science, Akola (M.S.) on 20th Feb., 2011.
7. Participated one day workshop on “Role of Teachers for Quality Education with Reference to Sixth Pay Commission” Organized by Shri Shivaji College of Art s, Commerce and Science, April 10th, 2011, Akola.

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- 8.** Participated in Workshop on ‘Redesigning of Chemistry Curriculum’ Organised by Amravati University Chemistry Teachers’ Association, Amravati on 19th April 2012.
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- 9.** Participated in Seminar on “Recent Advances in Electrochemistry” organised by Amravati University Chemistry Teachers’ Association, Amravati and R.L.T. College of Science, on 29th April 2012.
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- 10.** Participated in one day workshop on “Role of Stakeholder in IQAC and NAAC” Organised by Shri R. L. T. College of Science, Akola on 28th January, 2015.
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- 11.** Participated in One Day Orientation Workshop on “Intellectual Property Rights” Jointly Organized by RUSA, Govt. of Maharashtra, RGNIIPM, Nagpur and Patent Cell, SGBAU, Amravati, 26th August, 2016.
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- 12.** Participated in Webinar on “Converting Lock Down Period into Golden Period – The Role of Women” Organised by Shri Shivaji College of Arts, Commerce and Science, Akola on 21st August, 2016.
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- 13.** Participated in one day National Seminar cum workshop on “Art of Perfume and Soap Making” Organised by Shri R. L. T. College of Science, Akola, 8th September, 2018.
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- 14.** Participated in International Conference on “Impact of Values based on M. K. Gandhi, Pt. J. Nehru, Dr. B. R. Ambedkar and Dr.Panjabrao Deshmukh’s Philosophies in Present Situation” Organized by Shri Shivaji College of Arts, Commerce and Science, Akola in Collaboration with Shri Shivaji Education Society, Amravati on 21st January, 2020.
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- 15.** Participated in Webinar on “Best Practices for Conducting Online Classes” Organised by Edolip Education Services, 8th April, 2020.
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- 16.** Participated in “International Conference on Recent Trends in Advanced Materials – 2020” Organized by N.H. College, Bramhapuri, 6th July, 2020.
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Place – Amravati

Date –14 /03/2026

Dr. G. V. Korpe
Principal