

## Faculty Profile



- 1 Name in Full** : **Dr. Gajanan Vijayrao Korpe**
- 2 Address for Correspondence** : Flat No.404, Royal Residency Apartment,  
Satav Square, Jatharpeth, Akola – 444001.  
  
Phone (M) : 91-9822643575  
email : korpegv@rediffmail.com
- 3 Date of Birth** : 26<sup>th</sup> July 1975.
- 4 Designation** : Assistant Professor, Department of Chemistry,  
Shri Shivaji College of Arts, Commerce and Science, Akola.
- 5 Educational Qualification** :
- | Degree | Year | University   |
|--------|------|--|
| B.Sc.  | 1996 | Sant Gadge Baba Amravati University, Amravati.   |
| M.Sc.  | 1998 | Sant Gadge Baba Amravati University, Amravati.   |
| B. Ed  | 1999 | Sant Gadge Baba Amravati University, Amravati.   |
| Ph. D. | 2003 | Sant Gadge Baba Amravati University, Amravati.<br>Title of Ph.D. Thesis: - Synthetic Studies of Tetra-O-Benzoyl-D-Glucopyranosyl Isothiocyanate and Related Compounds. |
- 6 Teaching Experience** : **Total 09 Years 10 Months.**
- Degree College** : **13 Years** at Shri Shivaji College of Arts, Commerce and Science, Akola.
- Post Graduate** : **13 Years.**  
At Shri Shivaji College of Arts, Commerce and Science, Akola.
- 7 Research Experience** : **12 years** research Experience in the Field of Synthetic & Mechanistic Organic Chemistry.
- 9 Guidance rendered to research scholars** : a) Number of M. Phil candidates produced: **05.**  
(Madurai Kamaraj University, Madurai).
- 10 Professional Membership and other Expertise**
- Life Member Amravati University Chemistry Teachers Association.
  - MC Member Amravati University Chemistry Teachers Association.
  - Organized UGC Sponsored National Seminar on Current Trends in Chemical Sciences Research Sciences Research on 28<sup>th</sup> March 2008.

- 11 Project Completed** : 1. Completed research project sanctioned by UGC New Delhi. **Topic** "Synthetic and Structural Organic Chemistry of Nitrogen and Sulphur Containing Galactose Compounds".  
2. One research project sanctioned by UGC New Delhi **Topic** « Microwave Assisted Synthesis of N-Glucosylated Compounds ».
- 12 Books written** : • Coauthor Text book of Organic Chemistry B.Sc.III/Bokey publication, Amravati.
- 13 Research Publications** : 1. 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-J. Chem, 8(4), 1614-1619, (2011).  
2. 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.  
3. 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, sept. - 2008.  
4. On thiogalactosides : Synthesis of S – tetra – O – acetyl –  $\beta$  – 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.  
5. Debenzylation and Cyclization reaction of certain 1–aryl–5–tetra –O–benzoyl– $\beta$ –D– Glucopyranosyl – 2 –S–benzyl–2,4 – isodithiobiurets : Direct Synthesis of 3 – tetra – O - benzoyl –  $\beta$  – 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.  
6. Synthesis of 1 tetra – O – benzoyl –  $\beta$  – 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.  
7. 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.  
8. Synthesis of 1 – tetra – O – benzoyl –  $\beta$  – D – Glucopyranosyl – 3 – Aryl / (H) thiocarbamides. **G. V. Korpe** and S. P. Deshmukh, Oriental Journal of Chemistry Vol. 17 (2) 307 – 310, 2001.  
9. 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.  
10. N – Glucosylated compounds: Synthesis of New 1 –

tetra - O - acetyl -  $\beta$  - D - glucopyranosyl - 3 - aryl thiocarbamides. **G. V. Korpe** and S. P. Deshmukh, Asian Journal of Chemistry, Vol. 13 No. 2, 765 - 767, 2001.

**13 Participation in seminars, Workshop and Conference.**

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| : | <p>1. Presented a paper entitled "Synthesis of 2-phenylimino-3-aryl-4-S-benzyl-6-hepta-O -acetyl-<math>\beta</math>-D-maltosylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochloride)International" At Conference on Global Challenges- The Role of Chemistry In Giving Their Solutions. at Bangkok (Thailand) / Indian Council of Chemist 11-15 June, 2011</p>                                   |
|   | <p>2. Presented a paper entitled "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 Environmental Pollution at Dept. of Chemistry Govt. Arts, Commerce and Science, Ratlam. 27-28 Feb., 2012</p>  |
|   | <p>3. Presented a paper entitled "Synthetic Methods of Some Peracetylated Thiogalactosides with their Antimicrobial Properties. At National Conference on Recent Advances in Chemical Research Feb 6 - 7, 2009 Osmania University Hyderabad.</p>   |
|   | <p>4. Presented a paper entitled "Synthesis of S hepta-O-benzoyl-lactosyl Arylisothiocarbamides. At UGC Sponsored Regional Seminar on Recent Trends in Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences, Mahatma Fule Arts, Commerce ans Sitaramji Chaudhari Science Mahavidyalaya, Warud. 2<sup>nd</sup> March 2008.</p>   |
|   | <p>5. Presented a paper entitled "Synthesis of S-hepta-O-benzoyl-lactosyl Aryldithiocarbamides. At National Conference on Green Chemistry and its Perspective Department of Chemistry Sant Gadge Baba Amravati University, Amravati, Feb.11 &amp; 12, 2008</p>   |
|   | <p>6. Participated in National Work shop on Green Chemistry at NEERI, Nagpur sponsored by UGC, CSIR New Delhi. Feb.2007.</p>   |
|   | <p>7. Participated in UGC sponsored National seminar on Advanced materials, Organized by Department of Chemistry R.T.M.Nagpur University, Nagpur, 2007.</p>  |
|   | <p>8. Participated in 93<sup>rd</sup> session of Indian science congress at Hyderabad, Jan.2006.</p>   |
|   | <p>9. Presented a paper entitled "Synthesis and a antimicrobial activity of 2 - terbutyl imino-3-tetra-O-benzoyl- <math>\beta</math> - D - glucopyranosyl - 4 - S - benzyl-6 - arylimino - 2, 3 - dihydro - 1,3,5-thiodiazine hydrochlorides". At 91<sup>st</sup> session of Indian Science Congress at Chandigarh, Jan 3 to 7 2004.</p>   |
|   | <p>10. Presented a paper entitled "Debenzylation and Cyclization reaction of certain 1 - aryl - 5 - tetra - O - benzoyl - <math>\beta</math> - D - Glucopyranosyl - 2 - S - benzyl - 2, 4 - isodithiobiurets : Direct Synthesis of 3 - tetra - O - benzoyl - <math>\beta</math> - D - glucopyranosyl - imino - 5 - arylimino - 1,2,4 - dithiazolidines and their antimicrobial studies. At</p> |

the 90<sup>th</sup> session of Indian Science Congress at Bangalore. Jan – 3 to 7, 2003.

**11.** Presented a paper entitled “Synthesis of N – glucopyranosyl thiocarbamates and their antimicrobial activity” at the 89<sup>th</sup> session of Indian Science Congress at Lucknow, Jan 3 to 7, 2002.

**10.** Presented a paper entitled “Synthesis of 1 – tetra – O – benzoyl –  $\beta$  – D – glucopyranosyl – 3 – Aryl/H.Thiocarbamides” at the 88<sup>th</sup> session of Indian Science Congress at Delhi Jan. 3 to 7, 2001.