

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND
SCIENCE, AKOLA (M.S)**

NAAC Re-Accredited Grade 'A' with CGPA – 3.11

UGC status of College with Potential excellence

CURRICULUM VITAE
OF
PROF . S. P. DESHMUKH
M. Sc., Ph. D.

Professor and Head
Department of Chemistry,
Shri Shivaji College of Arts, Commerce and Science,
Akola-444 003

Name : **Prof. Shirish Panjabrao Deshmukh**

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Designation Professor & Head,
Department of Chemistry,
Shri Shivaji College of Arts, Commerce & Science, Akola

Department : Chemistry

Date of birth : 16th Feb. 1958

Area of specialization : Organic Chemistry

Research Field : 1 Carbohydrate Chemistry
2 Heterocyclic Chemistry
3 Spectroscopy
4 Microwave Assisted OrganicSynthesis

Research Supervision : Students are awarded Ph. D. degree **20**
Students have submitted thesis for Ph. D. degree **02**
Students are working for Ph. D. degree **04**

Research Publications : National and International Journals of Repute **105**
National and International Conferences/ Seminars/ Symposia **68**

Academic qualification:



Examination passed	Board/ University	Subject/ Specialization	Year of passing	Division/ Grade/Merit
Bachelor's Degree	Nagpur University, Nagpur.	Chemistry, Botany,Zoology	1977	I st
Master's Degree	Nagpur University, Nagpur.	Organic Chemistry	1979	I st
Ph. D.	Nagpur University, Nagpur.	Organic Chemistry	1985	-----
	Title of Ph.D. Thesis: - Synthesis of N - Glucosylated thioamides and related compounds.			

Membership of Academic Organization:

- Member, Board of Studies in Chemistry in the faculty of Science, Sant Gadge Baba Amravati University, Amravati. (2012-17).
- Chairman, Board of Studies in Chemistry in the faculty of Science, Sant Gadge Baba Amravati University, Amravati. (2007-12).
- Member, Board of Studies in Chemistry in the faculty Of Science, Amravati University, Amravati (1997-02).
- Member, Board of Studies in Biochemistry in the faculty of Home Science, Amravati University, Amravati (1987-90).
- Member, Ordinance Committee S.G.B. Amravati University, Amravati.

- Member, Standing Committee S.G.B. Amravati University, Amravati.
- Life Member, Indian Chemical Society, Kolkata.
- Life Member, Indian Council of Chemists, Agra.
- Life Member, Indian Science Congress Association, Kolkata.
- Life Member, Vidarbha Universities Chemistry Teachers Association.
- Life Member, Amravati University Chemistry Teachers Association.

Research Experience: 30 Years

- **Fifteen** Ph.D. students are awarded Ph.D. degree
- **Five** students has submitted thesis for Ph.D. degree
- **Six** students are working for Ph.D. degree
- **Twelve** M. Phil. students are awarded M. Phil. degree
- **Eight** M.Sc. students have submitted their M.Sc. Research Projects

Research Publications of Dr. S.P. Deshmukh, Associate Prof. and Head, Dept. of Chemistry, Shri Shivaji College, Akola

1. Paper Published in Journals

1. Synthesis of 2 - phenylimino - 3 - aryl/H - 4 - S - benzyl - 6 -tetra - O - acetyl - D-glucopyranosylimino - 2, 3 - dihydro - 1, 3, 5 - thiadiazines. J. Indian Chem. Soc., LXI, 883-884, Oct. (1984).
2. Synthesis of N - glucopyranosyl benzothiazolyl thiocarbamides. J. Indian Chem. Soc., LXII, 375-376, May (1985).
3. New N - glucosides, Synthesis of 1 and 5 glucosyl - 2, 4 -isodithiobiurets. J. Indian Chem. Soc., LXIII, 315-316, Mar. (1986).
4. Synthesis of 1 - tetra - O - acetyl - β - D - glucopyranosyl - 3 - Aryl /Alkyl / (H) thiocarbamides and their deacetylation into the corresponding 1 - β - D - glucopyranosyl thiocarbamides. Oriental J. Chem., 16(1), 143-146, (2000).
5. Oxidative debenzoylation and cyclization reaction of certain 1 - aryl - 5 - phenyl - 2 - S - benzyl - 2 - isothiobiurets: Direct Synthesis of 5 - Arylimino - 2 - phenyl - 3 - oxo - 1, 2,4 - thiadiazolidines. Indian J. Heterocycl. Chem., 9, 237 -238, Jan. - Mar. (2000).
6. N - Glucosylated compounds: Synthesis of New 1 - tetra - O - acetyl - β - D - glucopyranosyl - 3 - aryl thiocarbamides. Asian J. Chem., 13 (2), 765-767, (2001).
7. Synthesis, Antibacterial and Antifungal Activities of N - glucopyranosyl benzothiazolyl thiocarbamides. Indian J. Heterocycl. Chem., 10, 287 - 290, April-June (2001).
8. Synthesis of 1 - tetra - O - benzoyl - β - D - Glucopyranosyl - 3 - Aryl / (H) Thiocarbamides. Oriental J. Chem., 17 (2), 307 - 310, (2001).
9. On Thioglucosides: Synthesis, Antibacterial and Antifungal activities of S - tetra - O - Benzoyl - D - glucopyranosyl Aryldithiocarbamates. Oriental J. Chem., 17 (3), 437 - 440, (2001).
10. Synthesis of 5-glucosyl-2,4-isodithiobiurets and their antimicrobial study. Asian J. Chem., 14 (1), 121 - 124, (2002).
11. Synthesis of 1-tetra - O - benzoyl - β - D - Glucopyranosyl - 5 - aryl - 2 - S - benzyl - 2, 4 - isodithiobiurets and their antimicrobial activity. J. Indian Chem. Soc, 79, 972 - 973, Dec. (2002).
12. Synthesis of S - tetra - O - benzoyl - D - Glucopyranosyl aryl isothiocarbamides. Asian J. Chem., 14 (1), 243 - 246, (2002).
13. Debenzoylation 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 activity. Indian J. Heterocycl. Chem., 12, 391, (2003).
14. Synthesis of 2 – S – tetra – O – benzoyl – D –Glucopyranosyl – 1 - Aryl – 5 – phenyl – 2 – Isothiobiurets and their antibacterial and antifungal studies. Asian J. Chem., 15 (2), 981 – 986, (2003).
15. On glucosylthioureids: Synthesis of 3 – aryl – 2 – phenylimino – 6 – p – tolylimino – 4 – S – tetra – O – benzoyl – D – Glucopyranosyl – 2, 3 – dihydro – 1,3,5 – thiadiazines (hydrochlorides) and their antibacterial and antifungal studies. J. Indian Chem. Soc., 80, 654 – 655, June (2003).
16. On glucosyl thioureides : Synthesis, antibacterial and antifungal studies of certain 2- S-tetra – O – benzoyl – D – glucopyranosyl – 1,5 – disubstituted – 2,4 – isodithiobiurets. J. Indian Chem. Soc., 80, 916-917, Oct. (2003).
17. Synthesis of 3– tetra – O – benzoyl - β - D –glucopyranosylimino – 4 – phenyl – 5 – arylimino –1, 2, 4- thiadiazolidines. J. Indian Chem. Soc., 81, 155 – 156, Feb. (2004).
18. Synthesis and antimicrobial activity of 4–aryl–5–phenylimino–3–(Tetra–O–benzoyl–β–D–Glucopyranosylimino)–1,2,4–dithiazolidines (Hydrochlorides). J. Carbohydr. Chem., 23 (5), 305 – 311, (2004).
19. On thiolactosides: Synthesis of S-hepta-O-acetyl- lactosyl arylthiocarbamates. Int. J. Chem. Sci., 2(2), 159-163, (2004).
20. Synthesis of 4H, 4 – Thio – 2 – Tetra – O – Benzoyl - β - D- Glycopyranosylimino – 3-Phenyl – 2, 3- dihydro – 1, 3,5-Triazino – 2,1b- 6,7 OR 8 – Aryl benzothiazoles dihydrochlorides. Int. J. Chem. Sci.: 3 (1), 135-140, (2005).
21. Synthesis and antimicrobial activity of 5-aryl-6-[Tetra-(O-benzoyl)-β-D-glucopyranosylimino]-4-benzylthio-2-phenylimino-5,6-dihydro-2H-1,3,5-thiadiazines. Chemistry of Heterocyclic Compounds, 41(6), 787-791, (2005).
22. Synthesis of 3-aryl-2-tert. Butylimino-6-tolylimino-4-S-Tetra-O-benzoyl-β-D-Glycopyranosyl-2, 3- dihydro-1,3,5-thiadiazine hydrochlorides and their antibacterial and antifungal studies. J. Indian Chem. Soc., 82, 1022-1024, Nov. (2005).
23. On lactosyl thioureides: Synthesis of certain S-hepta-O-acetyl lactosyl-1- arylisothiocarbamides. J. Indian Chem. Soc., 82, 1025-1026, Nov. (2005).
24. Synthesis of 2-phenylimino-3-aryl-4-S-benzyl-6-hepta-O-acetyl-β-lactosylimino-2,3-dihydro- 1,3,5- thiadiazine hydrochlorides. Indian J. Chem., 45B, 558-560, Feb. (2006).
25. Synthesis of 4-aryl-5-hepta-O-acetyl-β-D-lactosylimino-3-tetra-O-benzoyl-β-D-glucopyranosyl imino-1, 2, 4-dithiazolidine hydrochlorides. Indian J. Chem., 45B, 829-831, Mar. (2006).
26. Synthesis of 3 – aryl - 2,6 – diphenylimino – 4 - (S-hepta-O-acetyl-lactosyl)- 2,3-dihydro-1,3,5 thiadiazines hydrochlorides. J. Indian Chem. Soc., Vol. 83, pp. 517-518, May (2006).
27. Synthesis of S-hepta-O-acetyl-lactosyl - 1, 5 – disubstituted – 2 -isothiobiurets and 1, 5 – disubstituted - 2, 4 - isodithiobiurets. Indian J. Chem., 45B, 1285-1287, May (2006).
28. Synthesis of N - Lactosylated thiourea and benzothiazolyl thiourea. Heteroatom Chem., 17 (4), 306-309, (2006).
29. Synthesis of N and S, bis- protected lactosyl isothiobiurets. Carbohydr. Res., 342, 753-756, (2007).
30. Synthesis and antimicrobial activities of 4–Aryl–5–phenylimino–3–S–(hepta–O–acetyl Lactosyl) –1,2,4 –Thiadiazolines. Heteroatom Chem., 18(4), 390-392, (2007).
31. Synthesis and antimicrobial activity of 4–aryl–5–tetra–O–benzoyl–β–D– glucopyranosylimino– 3–thio– 1,2,4–dithiazolidines. J. Indian Chem. Soc., 84, 711-713, July (2007).

<p>32. Antifungal and antibacterial activities of some novel thiolactosides. Indian J. Pharm. Sci., 295 – 297, Mar.-April (2007).</p>
<p>33. Synthesis of 3-hepta-O-acetyl-β-lactosylimino-4-aryl-5-phenylimino-1,2,4-dithiazolidines (hydrochlorides). J. Indian Chem. Soc., 84, 1029 – 1031, Oct. (2007).</p>
<p>34. On thiogalactosides: Synthesis of S-tetra-O-acetyl-β-D-galactosyl-1-aryl isothiobarbitamides. J. Indian Chem. Soc., 84, 1042 - 1044, Oct. (2007).</p>
<p>35. Synthesis and antimicrobial activity of N – Lactosylated isothiobarbitamides. J. Indian Chem. Soc., 84, 1266 - 1268, Dec. (2007).</p>
<p>36. Synthesis of some novel per acetylated lactosyl N-carbamides, N-benzothiazolyl carbamides and N-carbamates. Indian J. Chem., 47B, 613-618, April (2008).</p>
<p>37. Synthesis of N-galactosylated isodithiobarbitamides. J. Indian Chem. Soc., 85, 742-745, July (2008).</p>
<p>38. New N-galactosides: Synthesis of N - galactosylated thiobarbitamides, benzothiazolyl thiobarbitamides and thiobarbitamates. J. Indian Chem. Soc., 85, 953-958, Sept. (2008).</p>
<p>39. Synthesis of N - glycosyl thiazidines (hydrochlorides). Indian J. Heterocycl. Chem., 18, 161-164, Oct-Dec. (2008).</p>
<p>40. Antimicrobial activities of some N - Galactosylated thiobarbitamides. Int. J. Chem. Sci., 6(4), 2045 – 2051, (2008).</p>
<p>41. Antibacterial and Antifungal activities of some novel N - lactosides. Int. J. Chem. Sci., 7(2), 775 – 784, (2009).</p>
<p>42. Synthesis of new N - Lactosylated isodithiobarbitamides and dithiazolidines (hydrochlorides). J. Indian Chem. Soc., 86, 645 – 648, June (2009).</p>
<p>43. Synthesis and in vitro antimicrobial activity of 3-hepta-O-benzoyl-β-D-maltosylimino-4-aryl-5-phenylimino-1,2,4-dithiazolidines (hydrochloride). Int. J. Chem. Sci., 7 (3), 2158 – 2164, (2009).</p>
<p>44. Synthesis of some novel per-acetylated glucosyl N – Carbamides, benzothiazolyl carbamides and carbamates. Int. J. Chem. Sci., 7 (4), 2389 – 2397, (2009).</p>
<p>45. Synthesis and antimicrobial activity of N- lactosylated dithiazolidine (hydrochlorides). Int. J. Chem. Sci., 8(2), 797-802, (2010).</p>
<p>46. Synthesis of some new 1,2,4-dithiazolidine hydrochlorides. Int. J. Chem. Sci., 8(2), 969-972, (2010).</p>
<p>47. Synthesis and Antimicrobial studies of some bis - glycosyl isodithiobarbitamides. E – J. Chem., 7(3), 795-798, July (2010).</p>
<p>48. Peracetylated N-Lactosyl-1, 2, 4-Thiazidiazolidin-3-one hydrochlorides: Synthesis and Antimicrobial Studies. J. Kor. Chem. Soc., 54(3), 287-290, (2010).</p>
<p>49. Synthesis and antimicrobial activity of 2-phenylimino-3-aryl-4-S-benzyl-6-hepta-O-benzoyl-β-D - lactosylimino-2,3-dihydro - 1,3,5 -thiazidiazine hydrochlorides. J. Indian Chem. Soc., 87, 1259-1262, Oct. (2010).</p>
<p>50. Synthesis and biological studies of unsymmetrical mannopyranosyl thiobarbitamides. J. Chem. Pharm. Res., 2(4), 518-525, (2010).</p>
<p>51. Synthesis of S-tetra-O-acetyl Galactopyranosyl Aryldithiobarbitamates. Int. J. Chem. Sci., 8(4), 2083-2088, (2010).</p>
<p>52. Synthesis of New N-Lactosylated thiobarbitamides. Int. J. Chem. Sci., 8(4), 2236-2240, (2010).</p>
<p>53. Synthesis of New N-Lactosylated thiobarbitamates. Int. J. Chem. Sci., 8(4), 2413-2417, (2010).</p>
<p>54. Synthesis and antimicrobial activity of 1-hepta-O-benzoyl- β -D-lactosyl-5-aryl-2-S-benzyl-2,4-isodithiobarbitamides. J. Indian Chem. Soc., 87, 1395-1398, Nov. (2010).</p>

<p>55. Synthesis and antimicrobial studies of N-Lactosylated 1,2,4-dithiazolidine (hydrochlorides). Indian J. Heterocyclic Chem., 20, 277-278, (2011).</p>
<p>56. Synthesis and anti-microbial activity of novel acetylated maltosyl carbamides, benzothiazolyl carbamides and carbamates. Rasayan J. Chem., 4(1), 29-35, (2011).</p>
<p>57. Synthesis and antimicrobial studies of some novel benzoylated N-glucosyl thiobiurets. Rasayan J. Chem., 4(2), 270-275, (2011).</p>
<p>58. Synthesis of 2 – phenylimino – 3 – aryl – 4 – S – benzyl – 6 – hepta – O – benzoyl - β – D – maltosylimino - 2, 3 – dihydro - 1, 3, 5 - thiadiazines. J. Indian Chem. Soc., 88, 739-742, May (2011).</p>
<p>59. Synthesis and characterization of 1-hepta-O-benzoyl- β –D-maltosyl-5-aryl-2-S-benzyl-2,4-isodithiobiurets. J. Indian Chem. Soc., 88, 743-746, May (2011).</p>
<p>60. Synthesis and antimicrobial activity of some novel N-lactosyl thiobiurets. Int. J. ChemTech Res., 3(3), 1255-1258, (2011).</p>
<p>61. Synthesis and biological evolution of some novel per-O-acetylated glucosyl-2-isothiobiurets. Rasayan J. Chem., 4(3), 648-651, July-Sep. (2011).</p>
<p>62. Synthesis, Characterization and in vitro antimicrobial evaluation of new N-glycosyl imidothiocarbamates. Pharmaceutical Chem. J., 45(6), 369-373, Sep. (2011).</p>
<p>63. Synthesis of N-maltosylated thiocarbamides, thiocarbamates and benzothiazolyl thiocarbamides. Int. J. Chem. Sci., 9(3), 1391-1400, (2011).</p>
<p>64. Antimicrobial activities of novel N-galactopyranosides. Int. J. Pharm. Pharm. Sci., 3(4), 277-279, (2011).</p>
<p>65. Comparative study of microwave induced and conventional synthesis of acetylated sugar isothiocyanates and related thiocarbamides. E-J. Chem., 8(4), 1614-1619, (2011).</p>
<p>66. Synthesis and antimicrobial activity of some new lactosylated-1,2,4-dithiazolidine (hydrochlorides). J. Indian Chem. Soc., 88, 1759-1762, (2011).</p>
<p>67. Synthesis of some novel 2-S-tetra-O-benzoyl-D-glucopyranosyl-1-aryl-5-hepta-O-benzoyl-β-D-lactosyl-2-isothiobiurets. Der Pharma Chemica, 3(6), 28-31, (2011).</p>
<p>68. Dithiazolidines: Synthesis and anti-microbial activity of some novel N-maltosides. Rasayan J. Chem., 4(4), 780-783, (2011).</p>
<p>69. Synthesis and antimicrobial activity of 4-aryl-5-hepta-O-benzoyl-β-D-lactosylimino-3-thio-1,2,4-dithiazolidines (hydrochlorides) Int. J. Chem. Sci., 9(4), 1705-1710, (2011).</p>
<p>70. Synthesis and characterization of 1-aryl-5-hepta-O-acetyl-β-D-maltosyl-2-S-benzyl-2,4-isodithiobiurets. E-J. Chem., 9(1), 330-334 (2012).</p>
<p>71. Synthesis of S-hepta-O-benzoyl-maltosyl-1-aryl dithiocarbamates and their in vitro antimicrobial activities. Rasayan J. Chem., 5(1), 1-4 (2012).</p>
<p>72. Synthesis of 2-hepta-O-benzoyl-β-D-lactosylimino-3-aryl-4-S-benzyl-6-phenylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochlorides). Rasayan J. Chem., 5(1), 24-27 (2012).</p>
<p>73. Synthesis and antimicrobial activity of S-hepta-O-benzoyl lactosyl-1-Aryl isothiocarbamides. Rasayan J. Chem., 5(1), 47-50 (2012).</p>
<p>74. Antibacterial and antifungal activities of some novel N-lactosyl isothiobiurets. Int. J. Chem. Sci., 10(1), 137-142 (2012).</p>
<p>75. Synthesis and antimicrobial activity of S-hepta-O-benzoyl-lactosyl-1-aryl-5-phenyl-2,4-isodithiobiurets. Int. J. Chem. Sci., 10(1), 599-604 (2012).</p>
<p>76. Synthesis and antimicrobial activity of N-maltosylated thiocarbamides, benzothiazolyl thiocarbamides and thiocarbamates. J. Indian Chem. Soc., 89, 689-694, May (2012).</p>

<p>77. Synthesis and antimicrobial activity of hepta-O-benzoyl-β-D-lactosyl-3(2)-hydrazino-1,3- benzothiazolyl thiocarbamides. Am. J. Pharmatech Res., 2(3), 1101-1109, June (2012).</p>
<p>78. Isothiobiurets as antibacterial and antifungal compounds. Int. J. Chem. Sci., 10(2), 889-894 (2012).</p>
<p>79. Microwave: A new green synthesis technique Sci. Revs. Chem. Commun., 2(3), 206-207 (2012).</p>
<p>80. Synthesis and antimicrobial evaluation of 1-Aryl-5-(1-naphthyl)-2-S-hepta-O-benzoyl-maltosyl Isothiobiurets. Rasayan J. Chem., 5(2), 160-164, April-June (2012).</p>
<p>81. Debenzylation and cyclization reaction of certain 1-aryl-5-hepta-O-acetyl-β-D -maltosyl-2-S-benzyl-2,4-isodithiobiurets: direct synthesis of 3-Hepta-o-acetyl-β-D -maltosylimino-5-arylimino-1,2,4-dithiazolidine hydrobromides. Rasayan J. Chem., 5(2), 173-176, April-June (2012).</p>
<p>82. Synthesis of 1-hepta-O-benzoyl-β-D-lactosyl-5-substituted-2-S-benzyl-2-isothiobiurets. Int. J. Chem. Sci., 10(3), 1719-1723 (2012).</p>
<p>83. Synthesis of new 1-hepta-O-benzoyl-β-D-lactosyl-3-aryl thiocarbamides. J. Curr. Chem. Pharm. Sc., 2(3), 157-160 (2012).</p>
<p>84. Synthesis and antimicrobial activity of N-maltosylated 1,3,5-thiadiazines Indian J. Heterocyclic Chem., 22(1), 67-70, July-Sep. (2012).</p>
<p>85. Synthesis and antimicrobial studies of some new perbenzoylated N-glucosyl benzothiazolyl carbamides and carbamates. Am. J. Pharmatech Res., 2(4), 379-387, Aug. (2012).</p>
<p>86. Synthesis of some peracetylated N- galactopyranosyl 1, 2, 4 – dithiazolidines Int. J. Carbohydr. Res., 1(1), 1-3, (2012).</p>
<p>87. Synthesis, characterization and in vitro antimicrobial activity of maltosyl 1,2,4-dithiazolidines (hydrochlorides). Int. J. Pure App. Chem., 7(2), April (2012).</p>
<p>88. Synthesis and in vitro antimicrobial activity of 3-aryl-4-S-benzyl-6-phenylimino-2-hepta-O- acetyl-β-D-lactosylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochlorides). Syn. Comm., 43, 105-109, Jan. (2013).</p>
<p>89. Synthesis and antimicrobial activity of some guanidino glycosides. Int. J. Emerging Technologies in Computational and Applied Sciences, 2(3), 187-189, Jan. (2013).</p>
<p>90. Synthesis and antimicrobial activity of 4H,4-Thio-2-hepta-O-benzoyl-β-D-lactosylimino-3-phenyl-2,3-dihydro-(1,3,5)-triazino-(2,1b)-6,7 or 8-aryl benzothiazoles(hydrochlorides). Asian J. Chem., 25(10), 5367-5369 (2013).</p>
<p>91. Synthesis and Antimicrobial Activity of 3-Amino-5-sugarimino -1,2,4-thiadiazolines Am. J. Pharmatech Res. 3(3),2249-3387(2013)</p>
<p>92. Synthesis and Antimicrobial Evaluation of S-hepta-0-acetyl maltosyl-1-aryl isothiocarbamides Rasayan J. Chem., 6(2),138-142, (2013).</p>
<p>93. Synthesis and antimicrobial activity of 3-aryl-2,6-diphenylimino-4-S-hepta-O-benzoyl-lactosyl-2,3-dihydro-1,3,5-thiadiazines (hydrochlorides). J. Indian Chem. Soc. , 90, July (2013).</p>
<p>94. Synthesis and characterization of isothiobiurets of N-glucosylated compounds and their antimicrobial activity. J. Indian Chem. Soc. , 90, July (2013)</p>
<p>95. Synthesis, characterization and biological evaluation of N-maltosylated 1,2,4-dithiazolidines. Indian J. Heterocyclic Chem.,22,336-366(2013)</p>
<p>96. Synthesis and antimicrobial activity of 3-hepta-O-benzoyl-β-D-lactosylimino-4-aryl-5-p-tolylimino-1,2,4-dithiadiazolidines. Indian J. Heterocyclic Chem.,22,389-392(2013)</p>
<p>97. Evaluation of the fungitoxic potential of novel benzoyl protected thiomaltosides against plant pathogenic fungi. Interdisciplinary J. Sci., 1(4), 92-103 (2013).</p>
<p>98. Synthesis and invitro biological evaluation of 1- hepta-O-benzoyl-β-D-maltosyl-4- benzothiazolyl semicarbazide</p>

99. Synthesis, characterization and antimicrobial study of new S-maltosylated 1,4-thiadiazolines Int. J. Chem. Sci., 11(1), 419-424 (2013).
100. Synthesis and characterization of S-maltosylated 1,3,5-thiadiazine hydrochlorides and their in vitro antimicrobial activity. Int. J. Chem. 2(2), 240-244 (2013).
101. Synthesis of some biologically per-O-benzoyl maltosyl isothiocarbamides and isodithiobiurets as antibacterial and antifungal agents. Indian J. Chem. 53B,212-217,2014
102. Synthesis and antimicrobial activity of 1-naphthyl-2-hydrazino-1,3-benzothiazolyl carbamides. J. Indian Chem. Soc. 91,305-308,2014
103. Synthesis of 2-tertbutylimino-3-hepta-O-benzoyl- β -D-lactosylimino-4-S-benzyl-arylimino-2,3-dihydro-1,3,5-thiadiazines Synthetic Communication,44(4), 488-492,2014
104. . Synthesis and antimicrobial activity of N-glucosylated derivatives of thiazolidines Indian J. Heterocyclic Chem.,23,257-260 ,2014
105. Synthesis and microbial assay of tetrazino benzothiazolyl Der Pharmacia Lettre 6(3),286-289,2014

2. Paper Published in Proceedings

1. Synthesis of N-maltosylated thiadiazines (hydrochloride) Proceedings of International Conference on Chemistry for Mankind-2011, 94-97, (2011).
2. Synthesis of 2-hepta-O-benzoyl- β -D-lactosylimino-3-aryl-4-S-benzyl-6-phenylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochlorides). Proceedings of National Conference Recent Researches in Chemistry a Journey towards Upliftment, 67-69, (2012).
3. IR, NMR and Mass spectroscopic analysis of newly synthesized 1,2,4-dithiazolidine hydrochlorides. Proceedings of National Conference Recent Researches in Chemistry a Journey towards Upliftment, 69-71, (2012).
4. Synthesis of S-hepta-O-benzoyl lactosyl-1-arylisothiocarbamides. Proceedings of National Conference Recent Researches in Chemistry a Journey towards Upliftment, 75-77, (2012).
5. Facile synthesis of some novel 3-hepta-O-acetyl- β -D-maltosylimino-5-arylimino-1,2,4-dithiazolidine hydrobromides. Proceedings of National Conference Recent Researches in Chemistry a Journey towards Upliftment, 79-80, (2012).
6. On thiomaltosides: Synthetic studies of S-hepta-O-benzoyl maltosyl-1-aryl dithiocarbamates. Proceedings of National Conference Recent Researches in Chemistry a Journey towards Upliftment, 85-87, (2012).
7. Evaluation of fungitoxic properties of some newly synthesized per-benzoylated thiomaltosides against phytopathogenic fungi. Proceedings of National Conference on 'Innovative Research Trends in Biological Science', 604-608, (2012).
8. Antibacterial and antifungal activities of some new N-lactosylated dithiazolidines and thiadiazines. Proceedings of National Conference on 'Innovative Research Trends in Biological Science', 620-625, (2012).
9. Synthesis and antimicrobial screening of some N-lactosylated 1,2,4-thiadiazolidine (Hydrochlorides). Proceedings of National Conference on 'Innovative Research Trends in Biological Science', 639-642, (2012).

Seminars / Conferences / Workshops attended and organized:

Name of the Conference/Seminar/ Workshop etc.	Place and Name of the sponsoring Agency	Date	Paper Presented / Attended
1. 19 th Annual Convention of Chemists	Chennai / Indian Chemical Society.	29 th Dec. 1981	Preparation of certain 1 – aryl – 3 – tetra – O – acetyl – D - glucopyranosylthiocarbamides, Paper No. ORG (P) – 65.

2. National Seminar on Heterocyclic Chemistry in Nature and Industry	Nagpur University / UGC New Delhi & Nagpur University, Nagpur,	26-29 Oct., 1988	New Synthetic nucleosides: preparation of acetylated β - D - glucopyranosyl Hectors bases, National Seminar on Heterocyclic Chemistry in nature and Industry organized by Department of Chemistry, Paper no C-4.
3. 78 th session of Indian Science Congress	Devi Ahilya Uni., Indore (M.P.) / Indian Science Congress Association, Kolkata.	3-8 Jan., 1991	Synthesis and antibacterial, antifungal activities of 4 - aryl - 3 -arylimino- 5 - imino -1, 2, 4-thiadiazolidines and N - phenyl - O - alkyl carbamates, Paper No. 138.
4. 79 th session of Indian science congress	M.S. Uni., Vadodara (Gujrat) / Indian Science Congress Association, Kolkata.	3-8 Jan., 1992	Synthesis and spectral studies of 4 - aryl - 3 -arylimino - 5 - imino 1, 2, 4 thiadiazolidines and N-phenyl - O - alkyl carbamates, Paper no. 83.
5. 80 th session of Indian Science Congress	Goa Uni., Goa / Indian Science Congress Association, Kolkata.	3-8 Jan., 1993	Oxidative debenzoylation and cyclization reactions in certain 1 - Aryl - 5 - Phenyl - 2 - S - benzyl - 2 -isothiobiurets: Direct synthesis of 5-arylimino-2-phenyl-3-oxo-1,2,4-thiadiazolidines. Paper No. 161.
6. 81 st session of Indian Science Congress.	Rajasthan Uni., Jaipur (Rajasthan) / Indian Science Congress Association, Kolkata.	3-8 Jan., Jan. 1994	Synthesis and Antibacterial activities of 1 - Phenyl - 3 - Substituted benzothiazolyl carbamides, Paper No. 121.
7. National seminar on facts of co-ordination chemistry.	Nagpur University / UGC New Delhi & Nagpur University, Nagpur,	April 24 th , 1999	Participated
8. 88th session of Indian science congress.	New Delhi / Indian Science Congress Association, Kolkata.	3-7 Jan. 2001	Synthesis of certain S-tetra - O - benzoyl - D - glucopyranosyl aryl isothiocarbamides
9. 89th session of Indian science congress.	University of Lucknow, Lucknow (U.P.) / Indian Science Congress Association, Kolkata.	3-7 Jan. 2002	Synthesis of N - glucopyranosyl thiocarbamates and their antimicrobial activity, paper No.27, paper No.106.
10. State level work shop on micro scale technique in chemistry.	P. G. department of chemistry Shri Shivaji Science College, Amravati / UGC New Delhi.	21-23 Oct. 2002	Participated
11. 90 th session of Indian Science congress.	Bangalore / Indian Science Congress Association, Kolkata.	3-7, Jan. 2003	Debenzoylation 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.
12. National Conference on Ethnobotany, Biodiversity and Conservation	Shri Shivaji College of Arts, Commerce and Science, Akola / UGC New Delhi.	18-19 Jan., 2003	Participated
13. 91 st session of Indian science congress.	Chandigarh / Indian Science Congress Association, Kolkata.	Jan. 2004	Synthesis of 1 – hepta – O – acetyl – β – D - lactosyl - 3 - aryl thiocarbamides, paper No.72.
14. National conference on emerging trends in chemical science in new millennium.	Shri Shivaji Science College Amravati (M.S) / UGC New Delhi.	Feb, 2004	On thiolactosides: Synthesis of S – Hepta – O - acetyl lactosyl aryl dithiocarbamates, paper no. O - 15, 5 - 7.
15. Seminar on “Significant trends of research in chemistry”.	Chemistry Department, Nagpur University, Nagpur / UGC New Delhi.	29 th Feb 2004.	Participated
16. Two day National Workshop on green chemistry.	Indian Institute of Chemical technology Hyderabad / D.S.T.	24 th – 25 th Sept. 2004.	Participated
17. 92 nd session of Indian science congress.	Ahmadabad / Indian Science Congress Association, Kolkata.	Jan.2005.	Synthesis of 1 – aryl – 5 – hepta – O – acetyl - β - D -lactosyl-2-S-benzyl-2, 4-isodithiobiurets, paper No.05.
18. University level seminar “On the role of teachers in the changing scenario of higher education”.	Akola Law college Akola / UGC New Delhi.	7 th Feb. 2005	Participated
19. 93 rd session of Indian science congress.	Hyderabad/ Indian Science Congress Association, Kolkata.	3 - 7, Jan, 2006.	Synthesis of 3 – aryl – 2, 6 – diphenylimino – 4 – S –hepta – O - acetyl lactosyl - 2, 3 – dihydro - 1, 3, 5 - thidiazines hydrochlorides
20. National workshop on Industry-Academics Synergy for Mutual Growth	V.G. Vaze College of Arts, Science & Commerce, Mumbai	25 Nov., 2006	Participated
21. 43 rd Annual Convention of Chemists	Indian Chemical Society.	23 - 27, Dec. 2006.	Synthesis of S – Tetra – O – acetyl - β - D – galactosyl – 1 - aryl isothiocarbamides. Paper No. ORG (op) 6.
22. 94 th session of Indian science congress.	Annamalai Uni., Annamalaiagar, Chidambaram / IS CA, Kolkata.	3 - 7, Jan, 2007.	Synthesis of N and S Lactosylated Isothiobiurets, paper No.102.
23. National conference on Drug Designing and Synthesis.	Ambedkar College, Nagpur / UGC New Delhi.	19 th & 20 th Jan. 2007	Synthesis of N - lactosylated isothiobiurets.
24. State level conference on Environment-2007	Shri Shivaji College of Arts, Commerce and Science, Akola/TREE	4 th Feb., 2007.	Participated
25. National Conference on Advanced Materials.	Department of Chemistry RTM Nagpur University, Nagpur/UGC New Delhi & RTM Nagpur University, Nagpur	12 th Feb. 2007	Participated

26. 5 th National Symposium and conference on solid state chemistry and Allied areas.	Department of Chemistry RTM Nagpur University Nagpur	27 – 29 Nov, 2007.	Synthesis of S – tetra – O – acetyl – galactosyl – 1 , 5 – disubstituted – 2 , 4 – isodithiobiurets.
27. 95 th Session of Indian Science Congress.	Andhra Uni., Visakhapatnam/ Indian Science Congress Association, Kolkata.	3-7 Jan. 2008.	Participated
28. International Conference of Drug Discovery and Nanotechnology.	Yeshwant Mahavidyalaya, Nanded / UGC, DST.	27 – 29 Jan, 2008.	Synthesis of 4 – aryl – 5 – phenylimino – 2 – S – tetra – O – acetyl galactosyl 1 , 2,4 – dithiazolidines.
29. National Conference on Green Chemistry and its Perspective.	Department of Chemistry Sant Gadge Baba Amravati University, Amravati UGC, DST.	11 - 12Feb., 2008.	Synthesis of S - Glucosyl and N - Galactosyl Isodithiobiurets.
30. Regional Seminar on Recent Trends in Heterocyclic Compounds in Chemical, Medicinal and Pharmaceutical Sciences.	Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud,Dist. Amravati / UGC New Delhi.	2 nd March 2008.	Synthesis of 2 – Phenylimino – 3 – Aryl – 4 – S – benzyl – 6 - Hepta - O - β - Lactosyl – imino - 2, 3 – Dihydro - 1, 3, 5 – Thiadiazine Hydrochlorides.
31. National Seminar on Current Trends in Chemical Sciences Research.	Shri Shivaji College of Arts, Commerce and Science, Akola / UGC New Delhi.	28 th March 2008.	Convener
32. 3 rd National Conference on Thermodynamics of Chemical and Biological Systems.	R.T.M. Nagpur University, Nagpur / The Indian Thermodynamic Society And R.T.M. Nagpur University, Nagpur	16 -17 Oct. 2008.	Synthesis of some Novel Acetylated Glucosyl N - Carbamides, N - Carbamates.
33. 45 th Annual Convention of Chemists.	Karnatak University, Dharwar/Indian Chemical Society.	23- 27 Nov. 2008.	Participated
34. 96 th Session of Indian Science Congress.	North Eastern Hill University, Shilong / Indian Science Congress Association, Kolkata.	3-7 Jan. 2009.	Participated
35. National Conference on Recent Advances in Chemical Research.	Department of Chemistry University College of Science, Osmania University, Hyderabad / UGC, CSIR, DST.	6-7 Feb. 2009.	Synthesis of some Novel Acetylated Maltosyl N - Carbamides, N- Carbamates.
36. National seminar on Recent Trends in Science and Technology.	Nagaji institute of technology and management, Gwalior.	30 th Sep. and 1 st Oct. 2009.	Participated
37. 46 th Annual Convention of Chemists. And International Conference on Recent Research trends in Chemical Sciences.	Vellore	24–29 Decemb er 2009.	Synthesis of some 2 – S – hepta – O - benzoyl maltosyl - 1,5 – tetra – O – acetyl – β – D – glucosyl – 2 - isothiobiuretes.

38. National Conference on Material Science.	Shri Shivaji Science College Nagpur.	29 -30, Decemb er, 2009.	Synthesis and antimicrobial activities of 3 – hepta – O – benzoyl – β – D – lactosyl – 4 – Aryl – 5 – phenylimino - 1, 2, 4 -dithiazolidines(hydrochlorides).
39. 97 th Session of Indian Science Congress.	Kerla Uni., Thiruvananthapuram, (Kerla) / Indian Science Congress Association, Kolkata.	3-7 Jan. 2010.	Synthesis of some N-glucosylated isothiobiurets
40. National Conference on Biotechnology for Better Tomorrow	Shri Shivaji College of Arts, Commerce and Science, Akola (M.S.)	6-7 Feb., 2010.	Participated
41. National workshop on Green Chemistry	SGB Amravati Uni., Amravati	17-18 Feb., 2010.	Participated
42. National Conference on Recent Trends in Chemical Research 2010.	G. S. Gawande College, Umarched	12 & 13 March 2010.	Synthesis of 3 – Hepta – O – acetyl - β – D – maltosylimino – 4 – Aryl – 5 – Phenylimino – 1, 2, 4 – Dithiazolidines (Hydrochloride).
43. Twelfth Annual Convention of Chemistry Teachers	Brijlal Biyani Science College, Amravati	1 st Aug., 2010.	Participated
44. National workshop on Advances in Instrumental Techniques- 2010	Shri Shivaji Science College, Amravati (M.S.)	14-15 Oct., 2010	Participated
45. 14 th International Electronic Conference on Synthetic Organic Chemistry (ECSOC-14)		1-30 Nov. 2010	Per-O-acetyl Lactosyl Isothiourea Derivatives: Synthesis and Antimicrobial Activities
46. 47 th Annual Convention of Chemists- 2010	Pt. Ravishankar Shukla Uni., Raipur, (Chhattisgarh)/ Indian Chemical Society.	23-27 Dec. 2010	Dithiazolidines: Synthesis of some novel N-maltosylated heterocycle
47. 98 th session of Indian Science Congress	SRM University, Chennai (Tamilnadu) / Indian Science Congress Association, Kolkata.	3-7 Jan. 2011	Synthesis of some novel benzoylated N-glucosyl carbamides and carbamates.
48. State Level seminar on Recent Trends on Global Environmental Issues	Deptt. Of Chemistry & Botany, Shri Shivaji College, Akot. / UGC	14 th Jan. 2011	Chaired Person
49. International Conference on Chemistry for Mankind (ICCM-2011)“Innovative Ideas of Life Sciences”	R.T.M. Nagpur University, Nagpur/ ACS/IUPAC/ ISCB/DST/ BRNS	9-11 Feb. 2011	Synthesis of N-maltosylated thiadiazines (hydrochloride)
50. A motivational soft skill development workshop	Carrier guidance & placement cell, Shri Shivaji College, Akola	20 th Feb. 2011	Participated
51. International Conference on Global Challenges- The Role of Chemistry In Giving Their Solutions	Bangkok, (Thailand) / Indian Council of Chemists	11-15 June, 2011	Synthesis and antimicrobial activity of some novel perbenzoylated N-lactosyl 1, 2, 4 - thiadiazolidines (hydrochloride)
52. 48 th Annual Convention of	University of Allahabad,	3-7	Synthesis of some novel 4-aryl-

Chemists, 2011	Allahabad / Indian Chemical Society.	Dec., 2011	3,5 bis-hepta-O-acetyl- β -D-maltosylimino-1,2,4-dithiazolidines (hydrochloride).
53. 99 th session of Indian Science Congress	KIIT University, Bhubaneswar, (Odisha) / Indian Science Congress Association, Kolkata.	3-7 Jan., 2012	Synthesis of new class of 3-oxo-2-hepta-O-acetyl- β -D-maltosyl-4-aryl-5- hepta-O-acetyl- β -D-lactosylimino -1,2,4-thiadiazolidine (hydrochlorides)
54. National Conference on Recent Researches in Chemistry: A Journey Towards Social Upliftment	Lokmanya Tilak Mahavidyalaya, Wani and AUCTA	14-15 Feb., 2012	Synthesis of S-hepta-O-benzoyl lactosyl-1-arylisothiocarbamides
55. National Seminar on Photocatalytic process and control of the environmental pollution	Govt. P.G. Arts and Science College, Ratlam	27-28 Feb., 2012	Chaired Person
56. National Conference on Recent Trends In Chemistry	Veer Narmad South Gujarat University, Surat (Gujarat)	27-28 March, 2012	Synthesis and antimicrobial studies of S and N-Glucosyl isothiobiurets
57. National Conference on Innovative Research Trends in Biological Science	Deptt. of Botany, Shri Shivaji College, Akola	8-9 Sep., 2012	Evaluation of fungitoxic properties of some newly synthesized per-benzoylated thiomaltosides against phytopathogenic fungi.
58. 49 th Annual Convention of Chemists, 2012	NITTTR, Bhopal (M.P.)/ Indian Chemical Society	11-15 Dec., 2012	Synthesis and antimicrobial activity of 3-amino-5-sugarimino-1,2,4-thiadiazolines.
59. 100 th session of Indian Science Congress	University of Calcutta, Kolkata (W.B.)/Indian Science Congress Association	3-7 Jan., 2013	Synthesis and antimicrobial activity of some guanidine glycosides.
60. National Conference on Advanced Functional Materials	Visvesvaraya National Institute of Technology, Nagpur(M.S.)	21-23 Jan., 2013	Synthesis and spectral analysis of 2-Tert.Butylimino-3-aryl-4-S-benzyl-6-hepta-O-acetyl- β -D-maltosylimino-2,3-dihydro-1,3,5-thiadiazines (hydrochloride)
61. National Conference On Frontier Areas in Chemistry	Deptt. of Chemistry, Shri Shivaji Sciences., College, Amravati	,23-24 th Octo., 2013	Synthesis and characterization of S-hepta -O-acetyl maltosyl -1-aryl-5-p-tolyl-2,4-isodithiobiurets and their in vitro antimicrobial activity
62. 50 th Annual Convention of Chemists	Department of Chemistry, Panjab University, Chandigarh	Decemb er 04 – 07, 2013	Synthesis of some novel S-maltosylated isothiocarbamides as antibacterial agents
63. International Conference on Global Opportunities for Latest Developments in Chemistry and Technology-2014	School of Chemical Sciences North Maharashtra University, Jalgaon-425 001, Maharashtra, India.	Februar y 06 – 08, 2014	Synthesis of novel glycosyl thiaziazine as microbial growth inhibitors
64. Workshop on Coalescence of Chemical Sciences to Confront the Challenges of Sustainability	Royal Chemical Society, UK ,West India Section , Department of Chemistry & Student	Sept. 19-20, 2014,	Participated

	Welfare Department ,S.G. B. A.U. Amravati		
65.51 th Annual Convention of Chemists 2014, to be held at., Abstract no. PP-56	Kurukshetra University, Kurukshetra	Dec.9-12, 2014	Synthesis and Biological Activity of 4-aryl-2-β-D-glycosyl-3-oxo-5- <i>o</i> -tolylimino-1,2,4-thiadiazolidines
66.102 th Session of Indian Science Congress Association,	Mumbai University, Mumbai .	Jan. 3-7, 2015,	Synthesis and Antimicrobial Screening of Bis-(glycosylamido)-Sulphanilamides,
67.National Conference on Sustainable Chemistry : Frontiers & Challenges'	Department of Chemistry, Brijlal Biyani Science College, Amravati	30-31 st , Jan. 2015	"Synthesis, Characterization And Microbial Assay Of Per-Acetylated/Benzoylated <i>N</i> -Glycosyl Dithiocarbamides" by <u>Monika R. Thakur</u> and <u>Shirish P. Deshmukh*</u>
68.International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sciences,	Post Graduate Teaching Department of Chemistry, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, S. K. Porwal College, Kamptee and Institute of Forensic Science Nagpur	5-7 th Feb. 2015	Synthesis and Biological screening of Some Glycosylated Hector's Base

Seminar Organized:

Organized a UGC sponsored National Seminar on "Current Trends in Chemical Sciences Research-2008" on 28th March, 2008. Worked as **Convener** for the said National Seminar.

Research Project Completed / Ongoing

Title of the project	Name of the funding agency	Duration	Remark
Synthetic study of N - Maltosylated and S - Maltosylated thioamides and related compounds along with their Antimicrobial studies. Minor Research Project.	UGC New Delhi.	Two Years	Completed
Application of Microwave in Carbohydrate Chemistry: Synthetic Studies of Sugar Isothiocyanates and Isocyanates under Microwave Irradiation. Major Research Project.	UGC New Delhi.	Three Years	Completed
Studies on synthesis, characterization and biological evaluation of sugar containing open chain and cyclic compounds. Minor Research Project.	UGC New Delhi.	Two Years	Ongoing

Teaching Experience

Course Taught	Name of University/College/Institution	Duration
UG	Shri Shivaji College, Akola.	30 Years.
PG		20 Years.

Innovation/ Contribution in Teaching

a. Design of Curriculum: Presently being the Chairman of Board of Studies in Chemistry S.G.B. Amravati University, Amravati and also the former member of board of studies in Biochemistry S.G.B. Amravati University, Amravati, there has been active participation in designing curriculum of UG, PG, M. Phil. and Carrier Oriented programmes.

b. Preparation of resource materials:

1. Coauthor Text book of Organic Chemistry B.Sc.III/ Bokey publication, Amravati.
2. Coauthor Text book of Organic Chemistry B.Sc.II/Bokey publication, Amravati.
3. Coauthor Text book of Practical Chemistry B.Sc.II/Bokey publication, Amravati.
4. Coauthor Text book of Organic Chemistry B.Sc.II(Sem II)/Nabha publication, Amravati.
5. Editor of Text book of Organic Chemistry B.Sc.II (Sem III)/ Prakash Publications, Jalgaon

c. Remedial teaching:

- ☉ Arranged guest lectures of eminent teachers and scientists.

d. Extension activities/consultancy/community works.

- Visit to Vrudhashram and distribution of cloths.
- Visit to Akola Central Jail for celebration of 15th August.
- Visit to Aandha Vidyalaya for celebration of Rakshabundhan.
- Delivered lecture to NSS students on blood donation.
- Organized food Adulteration detection camp.

Role in college activities

- ⇒ Working as Vice – Principal.
- ⇒ Coordinator of following college committees
 - i) P. G. Sciences Courses ii) U.G.C Interface Committee
- ⇒ Member of following college committees
 - I) Prospectus ii) Admission iii) Library iv) Research Activity Committee v) IQAC.

Role in University activities

- ✗ Member, B. O.S. in Chemistry in Faculty of Science, S.G.B. Amravati University, Amravati.(2012-2017)
 - ✗ Chairman, B. O.S. in Chemistry in Faculty of Science, S.G.B. Amravati University, Amravati. 2007-2012)
 - ✗ Member, Academic Council, S.G.B. Amravati University, Amravati.
 - ✗ Member, Ordinance Committee, S.G.B. Amravati University, Amravati.
 - ✗ Member, Research and Recognition Committee, SGB Amravati University, Amravati.
 - ✗ Chairman, L. E. C. for affiliation of college to University.
 - ✗ Member, Selection Committee for Post of Lecturer in Affiliated Colleges.
 - ✗ Member, Research and Recognition Committee, RTM Nagpur University, Nagpur.
 - ✗ Member, Research and Recognition Committee, Gondwana University, Gadchiroli.
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Membership/ participation in activities of national development

Life Member, Indian Science Congress Association, Kolkata.
Life Member, Indian Chemical Society, Kolkata.
Life Member, Indian Council of Chemists, Agra.
Life Member, Amravati University Chemistry Teachers Association.
Life Member, Nagpur University Teachers Association.
Life Member, Rasayan Journal of Chemistry, Jaipur.
Member, Committee constituted by Hon. Governor for Suggesting New Academic Courses in Vidarbha Region in view of **MIHAN**

Membership of Editorial boards of the journal

☞ Referee for Indian Journal of Chemistry Section B.

Any other information

Dr. S. P. Deshmukh H.O.D. Chemistry & Vice Principal of the College is a versatile person with many achievements to his credit. A well known synthetic organic chemist is a life member of various bodies such as ISCA, ICS, ICC, AUCTA, NUTA & VUCTA.

Dr. S. P. Deshmukh has published more than **105** research papers in National and International journals of repute. He has also presented a large number of research papers in National and International conferences. He has authored seven books on chemistry and has served the S. G. B. Amravati University in several coveted position such as the Chairman of the Board of Studies in Chemistry in the faculty of Science, Member of Academic Council, Ordinance Committee etc.. Recognized guide for Ph.D. His areas of research interest are Synthetic Organic Chemistry, Carbohydrate Chemistry, and Heterocyclic Chemistry & Spectroscopy. Doctoral Awardees – **20**, Doctoral Thesis Submitted – **02** & present research workers – **04**
