

CURRICULUM VITAE

DR. AMOL HARIDAS KATEGAONKAR, M.Sc., Ph.D.

“HARI-VIJAY”, SIDDHESHWARNAGAR,

KASARWADI ROAD, BARSHI- 413411,

DIST.-SOLAPUR, (MS), INDIA.

EMAIL: amol.kategaonkar@gmail.com

CELL NO: 09421027663

OBJECTIVE

To pursue a career with reputed organization that will allow me to acquire and develop the vital skills and expertise necessary to excel in the field of Academics, Administration and Research & Development, and to effectively achieve excellence in any task or goal entrusted to my responsibility.

ACADEMIC PROFILE

Sr. No.	DEGREE	YEAR	SUBJECT	UNIVERSITY	% OF MARKS
1.	B.Sc.	2004	CHEMISTRY	Shivaji University, Kolhapur	66.36
2.	M.Sc.	2006	CHEMISTRY	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	68.00
3.	Ph.D.	2010	CHEMISTRY	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	-

Ph.D. Thesis title : “Studies on the Synthesis and Biological Activities of Nitrogen Containing Heterocycles”

Ph.D. Guide’s Name : Professor (Dr.) M. S. Shingare

TEACHING EXPERIENCE

Sr. No.	POSITION HELD	NAME OF INSTITUTE	FROM	TO	PAY SCALE
1.	Contributory Teacher	Dept of Chemistry, Dr. B A M University, Aurangabad	2007	2010	-
2.	Assistant Professor	MVP Samaj’s ACS College, Dindori, Nashik	17/01/2012	26/08/2014	15600-6000-39100
3.	Assistant Professor	MVP Samaj’s SVKT ASC College, Deolali Camp, Nashik	27/08/2014	29/12/2015	15600-6000-39100
4.	Assistant Professor	MVP Samaj’s GMD Arts, BW Commerce & Science College, Sinnar, Nashik	30/12/2015	09/07/2019	15600-7000-39100
5.	Assistant Professor	MVP Samaj’s KSKW Arts, Science & Commerce College, CIDCO, Nashik	10/07/2019	Till date	15600-7000-39100

RECOGNITION AS A RESEARCH GUIDE

RECOGNITIONS AS A POST GRADUATE TEACHER, M. PHILL. (BY RESEARCH) AND PH.D RESEARCH GUIDE OF SAVITRIBAI PHULE PUNE UNIVERSITY UNDER THE PROVISION OF SECTION 37(1)(E) OF MAHARASHTRA PUBLIC UNIVERSITIES ACT, 2016.

CURRENTLY WORKING RESEARCH STUDENTS: **05 (PHD)**

WORKED AS MEMBER OF UG SUB-COMMITTEE BOARD OF STUDIES

WORKED AS A MEMBER OF SUB-COMMITTEE FOR THE SYLLABUS REVISION OF FY, SY AND TY B.SC. (CHEMISTRY)-2019 PATTERN CONSTITUTED BY THE BOARD OF STUDIES, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

RESEARCH INTEREST*Synthetic Organic Chemistry*

- Synthesis, characterization & biological screening of novel heterocyclic compounds.
- Development of new synthetic methodologies for the synthesis of bioactive heterocycles.

TECHNICAL SKILL

- Multistep synthesis of organic molecules.
- Microwave and ultrasound assisted organic synthesis.
- All aspects of techniques for isolation, separation, purification of product.
- Structural elucidation of compounds by IR, ¹H NMR, ¹³C NMR, Mass spectroscopic analysis techniques.
- Well versed with the use of Chemdraw, ISIS draw.

PRE-DOCTORAL RESEARCH WORK

- M.Sc. project entitled, "Synthesis of Various Substituted 2-Chloro-3-formyl Quinolines by Vilsmeier-Haack Cyclization", at Department of Chemistry, Dr. B. A. M. University, Aurangabad (MS), India, 2005-2006 under the guidance of Professor M. S. Shingare

CONFERENCES /SEMINARS/WORKSHOP ATTENDED/ PARTICIPATED/PAPER PRESENTED

1. Two Day State Level Development and Future Challenges in Chemical Sciences, Nandgaon College, Nandgaon on 22nd to 23rd January 2016.
2. Workshop on Overview on Analytical Instrumentation" Jointly Organized by Department of Chemistry, KTHM College, Nashik and BSR Technologies, Nashik August 13, 2016.
3. Ist National Teachers' Congress between 23rd September 2016 to 25th September 2016 held at MIT College, Kothrud, Pune.

4. Presented research paper entitled, "Synthesis of 4-Cyanoquinoline Derivatives From O-Nitrotoulene" held in 104th Indian Science Congress, Tirupati (AP) on 3rd January to 6th January 2017.
5. Worked as a resource person to deliver an invited talk in State Level Conference on "Advanced Materials and Innovative Processing Ideas"- (AMIPI-2017) organized by M. J. M. Arts, Commerce and Science College, Karanjali (Peth) on January 27 & 28, 2017.
6. Presented paper entitled, "Solvent free greener approach to synthesize 4,5-Diphenyl-1H-imidazolotetrazole[1,5-a]quinolines" during three days International Conference entitled, "Challenges in Organic, Bio-organic and Medicinal Chemistry" organized by KSKW ASC College, CIDCO, Nashik on 2nd, 3rd and 4th February 2017.
7. Seminar on "Quality Assurance in Teaching Learning Process & Support For Quality Sustainance" organized by IQAC of S.V.K.T. Arts, Science and Commerce College, Deolali Camp, Nashik on 2nd July, 2015.
8. Workshop on Framing of T.Y.B.Sc. Chemistry Syllabi Jointly Organized by Department of Chemistry, H.P.T. Arts and R.Y.K. Science College, Nashik and BCUD, Savitribai Phule Pune University, Pune on January 22nd, 2015.
9. National Conference on "Current Innovations in Chemical Research" Jointly organized by K. J. Somaiya College of Arts, Commerce and Science, Kopargaon, Dist Ahmednagar (MS), India BCUD, Savitribai Phule Pune University, Pune on 22nd and 23rd December 2014.
10. State Level Seminar on "Research Opportunities in India and Abroad" Jointly organized by MVPS's ACS College Dindori, Nashik and BCUD, University of Pune, Pune on 25th Feb 2014.
11. State Level Workshop on "Biological Instrumentation Techniques" Jointly organized by MVPS's ACS College Dindori, Nashik and BCUD, University of Pune, Pune on 26th-27th Feb 2014.
12. Workshop on "Credit System Under Cluster Programme" by KTHM College, Nashik and BCUD, University of Pune, Pune on 6th July 2013.
13. UGC sponsored International Conference on "Emerging Horizons in Biochemical Sciences and Nanomaterials" at Shivaji Mahavidyalaya, Barshi, Dist Solapur (MS), India, during 28th – 30th November 2013.
14. National Workshop on "Analytical Instrument Techniques" Jointly organized by KTHM College, Nashik and Shimadzu Analytical (India) Pvt. Ltd., Mumbai, India at Nashik during 23rd-25th August 2012.
15. 11th International conference of ISCBC on "Advances in Drug Discovery" at Department of

- Chemistry, Dr. B.A. Marathwada University, Aurangabad (MS), India, 24th -26th Feb, 2007.
16. 12th International conference of ISCBC on “The Interference of Chemistry-Biology in Biological Research” at BITS Pilani, Rajasthan, India, 22nd -24th February, 2008.
 17. 13th International conference of ISCBC on “Interplay of Chemical and Biological Sciences” at University of Delhi, Delhi, India, 26th February-1st March 2009.
 18. National seminar on “Kinetic and Mechanistic Studies of Chemical and Biochemical Transformations” at Dept. Chemistry, Dr. BAM University, Aurangabad (MS), India, 26th – 27th February, 2005.
 19. 43rd Annual Convention of Chemists, Dept. Chemistry, Dr. BAM University, Aurangabad (MS), India Dec-2006.
 20. National Seminar on “Biocatalysis and Biomimetic Catalysis in Organic Synthesis” at Dept. Chemistry, Dr. BAM University, Aurangabad (MS), India 20-21 March, 2009.
 21. Science Academies Lecture Workshop on “Probing Electronic States in Molecules and Molecular Materials” at Dept. Chemistry, Dr. BAM University, Aurangabad (MS), India during 21-25 October, 2010.

AWARDS /HONORS

Rajiv Gandhi National Fellowship, University Grants Commission, New Delhi, India for Doctoral Research.

REVIEWER TO THE JOURNAL

- 1) Arabian Journal of Chemistry, **Impact factor 2.266**, ISSN No: 1878-5352
- 2) Chemical Biology & Drug Design, **Impact Factor: 2.802**, ISSN: 1747-0285
- 3) Journal of Herbs, Spices & Medicinal Plants, **Impact Factor: 0.52**, ISSN: 1540-3580
- 4) Bioorganic & Medicinal Chemistry, **Impact Factor: 2.802**, ISSN: 0968-0896

RESEARCH PROJECT

Title of Project	Funding Agency	Amount
Click Chemistry: Synthesis of Various Triazole Containing Biologically Active Tetrazole Derivatives	BCUD, SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE	Rs. 2,10,000/-

SCOPUS

Citations	<i>h</i> -Index
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GOOGLE SCHOLAR

Citations	<i>h</i> -Index	<i>i</i> -10 Index
813	15	18

BOOK PUBLISHED

Title of the Book	Publisher	ISBN/ISSN
Studies on Nitrogen Containing Heterocycles	LAP Lambert Academic Publishing, Germany	978-3-659-26411-5

ADMINISTRATIVE WORK

SR. NO.	COMMITTEE	POST
1	Internal Quality Assurance Cell (IQAC)	Coordinator
2	Academic and Research Committee (ARC)	Coordinator
3	University Grants Commission Cell	Coordinator
4	B.Voc. (National Skills Qualifications Framework (NSQF)	Nodal Officer
5	Department of Science and Technology (DST) Proposals	Coordinator
6	Department of Biotechnology (DBT) Proposals	Coordinator
7	UGC-Stride Scheme	Coordinator
8	ISO 9001:2015 Internal Audit	Internal Auditor

PERSONAL INFORMATION

Marital Status	:	Married
Date of Birth	:	14 th April 1981
Nationality	:	Indian
Gender	:	Male
Languages Known	:	English, Marathi and Hindi
Interests	:	Internet Surfing, Cricket, Music

PATENTS PUBLISHED AS AN APPLICANT AND INVENTOR:

- Title of the invention :** A New Green Synthesis And Characterization of Silver-Nanoparticle
Application No.202221008143 A
Publication Date : 20/05/2022
- Title of the invention :** Rapid Green Process Using Opaque Latex of Jatropha Curcas Plant for the Preparation of Highly Pure Nickel Oxide
Application No. 202221006276 A
Publication Date : 12/08/2022
- Title of the invention :** A Method For Manufacturing Nanoparticles of Cobalt Oxide With Trapped Neon
Application No. 202221045945 A
Publication Date : 26/08/2022

RESEARCH PUBLICATIONS

LEVEL	ARTICLES	BOOK
INTERNATIONAL	37	01
NATIONAL	08	00
TOTAL	45	01

- Shelke, B. N.; Jopale, M. K.; **Kategaonkar, A.H.** * Exploration of biomass waste as low cost adsorbents for removal of methylene blue dye: A review. *Journal of the Indian Chemical Society*, **2022**, 99, 1-17.
- Joshi, A. P.; Khairnar, H.A.; Mhaske, M. R.; **Kategaonkar, A.H.** * Green Channels for Synthesis of 3,4-Dihydro-3-Substituted-2h-Naphtho[2,1- E][1,3]Oxazine Derivatives From Ammonium Metavanadate (H₄NO₃V). *International Journal of Scientific Research in Science and Technology*, **2022**, 9, 1-6.
- Gaikwad, K. A.; Jopale, M. K.; **Kategaonkar, A.H.** * Metal Doped Magnetic Cobalt Ferrite Nanoparticles and Their Nanocomposites Photocatalyst for Degradation of Organic Dye Pollutants: Mini Review. *International Journal of Scientific Research in Science and Technology*, **2022**, 9, 45-53.
- Shelke, B. N.; Jopale, M. K.; Gaware, M.R.; **Kategaonkar, A.H.** * Acid-base Modified Biosorbent for Heavy Metal Removal - A Review. *Asian Journal of Organic & Medicinal Chemistry*, **2022**, 7, 7-15.

5. **Kategaonkar, A. H** Synthesis, antimicrobial assays and docking study of new triazolo cum tetrazolo quinoline derivatives. *European Journal of Molecular & Clinical Medicine* **2020**, *7*, 1996-2010. [ISSN 2515-8260]
6. **Kategaonkar, A. H.**; Kushare, S. K.; Baste, Y. R. Magnesium perchlorate (Mg(ClO₄)₂) as a catalyst in the synthesis of various 3-((5-(difluoromethoxy)-1H-benzo[d]imidazol-2-ylthio)methyl)-2-chloroquinoline derivatives. *Journal of Research and Development* **2020**, *10*, 370-376. [ISSN 2230-9578]
7. Katkar, S. S.; **Kategaonkar, A. H.**; Vidhate, K. N. MgO supported Al₂O₃ oxide: A New, Efficient, and Reusable Catalyst for Synthesis of Chalcones. *Chemistry & Chemical Technology* **2020**, *14*, 169–176. [ISSN 1996-4196]
8. **Kategaonkar, A. H.** Synthesis of 3-(5-aryl-[1,3,4]oxadiazol-2yl)-1H-indazole Derivatives Using Cellulose Sulphuric Acid (CSA) as a Catalyst. *J. Biol. Chem. Chron.* **2019**, *5*, 19-22. [ISSN 2454 -7476]
9. Katkar, S. S.; **Kategaonkar, A. H.** Indium modified AlMCM-41 Catalyzed Synthesis of 2,4,5-Triaryl-1H-Imidazole Derivatives. *Bulletin of Pure and Applied Sciences Sec C-Chemistry* **2019**, *38C*, 27-32. [ISSN 0970-4620]
10. Katkar, S. S.; **Kategaonkar, A. H.** ZnO-beta zeolite: An efficient and reusable catalyst for synthesis of 5-arylidene-2,4-thiazolidinedione under solvent free condition. *Research Journal of Chemical and Environmental Sciences* **2018**, *6*, 42-47. [ISSN 2321-1040]
11. **Kategaonkar, A. H.**; Katkar, S. S. Synthesis of 3-(5-aryl-[1,3,4]oxadiazol-2yl)-1H-indazole derivatives using Ionic Liquid . *Asian Journal of Biochemical and Pharmaceutical Research* **2018**, *8*, 69-75. [ISSN 2231-2560]
12. **Kategaonkar, A. H.**, 1,3-Dibromo-5,5-dimethylhydantoin (DBDMH): An Efficient and Reusable Catalyst for the Synthesis of α -hydroxyphosphonates *International Journal of Chemical and Physical Sciences Special Issue ICAFM - March* **2018**, *7*, 181-189. [ISSN 2319-6602]
13. **Kategaonkar, A. H.**; Katkar, S. S.; Jopale, M. K. Synthesis of 3-(5-aryl-[1, 3, 4] Oxadiazol-2yl)-1H-indazole Derivatives using Silica Supported Sulphamic Acid as a Mild Catalyst in Microwave Irradiation. *International Journal of Chemical and Physical Sciences Special Issue RICES Jan.* **2018**, *7*, 181-189. [ISSN 2319-6602]
14. **Kategaonkar, A. H.**, Environmentally benign synthesis of substituted 2-(1, 3-diphenyl-1H pyrazol- 4-yl)-1H-benzo[d] imidazoles *Research Journey International Multidisciplinary E-Research Journal*, **2017**, Special Issue 17, 54-57. [ISSN 2348-7143]

15. **Kategonkar, A. H.** ; Jopale, M. K.; Katkar, S. S.; Bhagare, A. M.; Pagar, B. P. Solvent free greener approach to synthesize 4,5-Diphenyl-1H-imidazoltetrazole[1,5-a]quinolines. *Scholarly Research Journal for Interdisciplinary Studies* **2017**, *6*, 48-53. [ISSN 2319-4766]
16. Pagar, B. P.; **Kategaonkar, A. H.**; Bhagare, A. M.; Zoman, R. R. Synthesis of Tetraaza-chrysen-5one and Cyclopenta[a]phenanthren-7-one Derivatives from 4-Aminoquinoline *Scholarly Research Journal for Interdisciplinary Studies* **2017**, *6*, 15-21. [ISSN 2319-4766]
17. Pagar, B. P.; Bhagare, A. M.; **Kategaonkar, A. H.**; Toche, R. B. Synthesis of Thiazolidone derivatives from 4-amino-2-chloroquiline. *PURSUIT* **2016**, *3*, 7-12. [ISSN 2393-2649]
18. Katkar, S. S.; **Kategaonkar, A. H.** Synthesis of β -enaminones catalyzed by In/AlMCM-41 under microwave irradiation and solvent-free condition. *J. Chem. & Cheml. Sci.* **2015**, *5*, 591-596.
19. Katkar, S. S.; **Kategaonkar, A. H.** Synthesis of benzimidazole derivatives catalyzed by in/AlMCM-41 as a heterogeneous catalyst. *OCAIJ* **2015**, *11*, 415-419.
20. **Kategonkar, A. H.**; Bhagare, A. M.; Pagar, B. P.; Labhade, K. R.; Shingare, M. S. 1,3-dibromo-5,5-dimethylhydantoin (DBDMH) catalyzed synthesis of some 1,3-oxazine derivatives. *Research Journal of Chemical Sciences* **2014**, *1(NCCICR-2014)*, 6-9.
21. Shinde, P. V.; **Kategaonkar, A. H.**; Shingate, B. B.; Shingare, M. S. Surfactant catalyzed convenient and greener synthesis of tetrahydrobenzo[a]xanthene-11-ones at ambient temperatures. *Beilstein J. Org. Chem.* **2011**, *7*, 53–58.
22. Shinde, P. V.; **Kategaonkar, A. H.**; Shingate, B. B.; Shingare, M. S. An organocatalyzed facile and rapid access to α -hydroxy and α -amino phosphonates under conventional/ultrasound technique. *Tetrahedron Letters* **2011**, *52*, 2889-2892.
23. Shinde, P. V.; **Kategaonkar, A. H.**; Shingate, B. B.; Shingare, M. S. Polyethylene glycol (PEG) mediated expeditious synthetic route to 1,3-oxazine derivatives. *Chin. Chem. Lett.* **2011**, *22*, 915-918.
24. **Kategaonkar, A. H.**; Pokalwar, R. U.; Sonar, S. S.; Gawali, V. U.; Shingate, B. B.; Shingare, M. S. Synthesis, *in vitro* antibacterial and antifungal evaluations of new α -hydroxyphosphonate and new α -acetoxyposphonate derivatives of tetrazolo [1, 5-a] quinoline. *European J. Medicinal Chem.* **2010**, *45*, 1128-1132.
25. **Kategaonkar, A. H.**; Sonar, S. S.; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. Ionic liquid catalyzed multicomponent synthesis of 3,4-dihydro-3-substituted-2H-naphtho[2,1-e][1,3]oxazine derivatives. *Organic Communications* **2010**, *3*, 1-7.
26. **Kategaonkar, A. H.**; Sadaphal, S. A.; Shelke, K. F.; Kategoankar, At. H.; Shingate, B. B.; Shingare, M. S. Synthesis and *in vitro* antimicrobial activity of new ethyl 2-

- (ethoxyphosphono)-1-cyano-2-(substitutedtetrazolo[1,5-a]quinolin-4-yl)ethanoate derivatives. *Chinese J. Chem.* **2010**, 28, 243-249.
27. **Kategaonkar, A. H.**; Shinde, P. V.; Kategaonkar, At. H.; Pasale, S. K.; Shingate, B. B.; Shingare, M. S. Synthesis and biological evaluation of new 2-chloro-3-((4-phenyl-1*H*-1,2,3-triazol-1-yl)methyl)quinoline derivatives via click chemistry approach. *European J. Medicinal Chem.* **2010**, 45, 3142-3146.
28. **Kategaonkar, A. H.**; Sonar, S. S.; Pokalwar, R. U.; Kategaonkar, At. H.; Shingate, B. B.; Shingare, M. S. An efficient, solvent-free synthesis of 3,4-dihydro-3-substituted-2*H*-naphthol [2,1-*e*] [1,3]oxazine derivatives catalyzed by zirconyl (IV) chloride and evaluation of its biological activities. *Bull. Korean Chem. Soc.* **2010**, 31, 1657-1660 .
29. **Kategaonkar, A. H.**; Labade, V. B.; Shinde, P. V.; Kategaonkar, At. H.; Shingate, B. B.; Shingare, M. S. Synthesis and antimicrobial activity of tetrazolo[1,5-*a*] quinoline-4-carbonitrile derivatives. *Monatshefte fur Chemie, Chemical Monthly* **2010**, 141, 787-791.
30. **Kategaonkar, A. H.**; Sapkal, S. B.; Madje, B. R.; Shingate, B. B.; Shingare, M. S. Synthesis of new 4-(4,5-diphenyl-1*H*-imidazol-2-yl)tetrazolo[1,5-*a*]quinolines from tetrazolo[1,5-*a*]quinolines. *Chemistry of Heterocyclic Compounds* **2010**, 6, 754-758.
31. **Kategaonkar, A. H.**; Sonar, S. S.; Sapkal, S. B.; Gawali, V. U.; Shingate, B. B.; Shingare, M. S. Synthesis and in vitro antimicrobial activity of new α -aminophosphonates via tetrazolo [1,5-*a*] quinoline derivatives. *Phosphorus Sulfur Silicon and Relt. Elem.* **2010**, 185, 2113-2121.
32. Sadaphal, S. A.; **Kategaonkar, A. H.**; Labade, V. B.; Shingare, M. S. Synthesis of bis(indolyl) methanes using aluminium oxide(acidic) in dry media. *Chinese Chem. Lett.* **2010**, 21, 39-42.
33. Pokalwar, R. U.; Sadaphal, S. A.; **Kategaonkar, A. H.**; Shingate, B. B.; Shingare, M. S. An Efficient Synthesis of α -hydroxyphosphonates and α -aminophosphonates in the presence of chlorotrimethylsilane. *Green Chem Lett. Rev.* **2010**, 3, 33-38.
34. **Kategaonkar, A. H.**; Sadaphal, S. A.; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. Microwave assisted synthesis of pyrimido [4, 5-*d*] pyrimidine derivatives in dry media. *Ukranica Bioorg. Acta* **2009**, 1, 3-7.
35. Sonar, S. S.; **Kategaonkar, A. H.**; Gill, C. H.; Shingate, B. B.; Shingare, M. S. Ammonium metavanadate: An effective catalyst for synthesis of α -hydroxyphosphonates. *Arkivoc* **2009**, 2, 138-148.
36. Sonar, S. S.; Sadaphal, S. A.; **Kategaonkar, A. H.**; Pokalwar, R. U.; Shingate, B. B.; Shingare, M. S. Alum catalyzed simple and efficient synthesis of Bis(indolyl)methanes by ultrasound approach. *Bull. Korean Chem. Soc.* **2009**, 30, 825-828.

37. Pokalwar, R. U.; Hangarge, R. V.; **Kategaonkar, A. H.**; Shingare, M. S. Simple and high yielding synthesis of new *O,O*-diethyl phosphorothioates. *Russian J. Organic Chem.* **2009**, *45*, 440-443.
38. Sapkal, S. B.; Shelke, K. F.; **Kategaonkar, A. H.**; Shingare, M. S. Dual role of ammonium acetate for solvent-free synthesis of 1,3-disubstituted-2,3-dihydro-1*H*-naphth-[1,2*e*] [1,3]-oxazine. *Green Chem. Lett. Rev.* **2009**, *2*, 57-60.
39. Shelke, K. F.; Sapkal, S. B.; **Kategaonkar, A. H.**; Shingate, B. B.; Shingare, M. S. An efficient and green procedure for the preparation of acylals from aldehydes catalyzed by alum [KAl(SO₄)₂·12H₂O]. *South African J. Chem.* **2009**, *62*, 109-112.
40. Sadaphal, S. A.; **Kategaonkar, A. H.**; Sapkal, S. B.; Shingate, B. B.; Gill, C. H.; Shingare, M. S. Ammonium metavanadate: A novel catalyst for synthesis of α -aminophosphonates. *Bull. Catal. Soc. India*, **2009**, *8*, 131-139.
41. Sonar, S. S.; Sapkal, S. B.; **Kategaonkar, A. H.**; Shingate, B. B.; Karale, B. K.; Shingare, M. S. An effective synthesis of 3-(5-aryl-[1,3,4] oxadiazol-2yl)-1*H* indazole derivatives. *Org. Chem.: An Ind. J.*, **2009**, *5*.
42. Sadaphal, S. A.; Sonar, S. S. **Kategaonkar, A. H.**; Shingare, M. S. 1-Benzyl-3-Methyl Imidazolium Hydrogen Sulphate [bnmim][HSO₄] Promoted Synthesis of α -Aminophosphonates. *Bull. Korean Chem. Soc.* **2009**, *30*, 1054-1056.
43. **Kategaonkar, A. H.**; Pokalwar, R. U.; Sadaphal, S. A.; Shinde, P. V.; Shingate, B. B.; Shingare, M. S. Synthesis and characterization of new *O,O*-diethyl phosphorothioates derived from substituted tetrazolo[1,5-*a*]quinolin-4-ylmethanol derivatives. *Heteroatom Chemistry*. **2009**, *20*, 436-441.
44. Pokalwar, R. U.; Sadaphal, S. A.; **Kategaonkar, A. H.**; Shingare, M. S. A facile and efficient one-pot synthesis of coumarinophosphorothioates using Aliquat 366 as catalyst. *Bull. Catal. Soc. India* **2008**, *7*, 137-140.
45. Shelke, K. F.; Markhele, V. M.; **Kategaonkar, A. H.**; Shingare, M. S. Chlorosulphonic acid catalyzed highly efficient solvent-free synthesis of 14- aryl-14*H*-dibenzo [a, j] xanthenes derivatives under microwave irradiation. *Bull. Catal. Soc. India* **2007**, *6*, 136-139.

REFERENCES

- Dr. M. S. Shingare** Emeritus Professor,
Department of Chemistry,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad-431004 (MS), India.
Cell No.:+91-9890077458
Email: msshingare@yahoo.com
- Dr. C. H. Gill** Emeritus Professor,
Department of Chemistry,
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad-431004 (MS), India.
Cell No.:+91-9822037127
Email: chgill50@yahoo.com
- Dr. Sidhanath V. Bhosale** Senior Scientist,
Polymers and Functional Materials Division,
Indian Institute of Chemical Technology,
Hyderabad, 500607, Andhra Pradesh INDIA
Emails: bhosale@iict.res.in
sidhanath2003@yahoo.co.in

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

(Dr. Amol Haridas Kategaonkar)