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Educational Qualification

Ph. D. - 2003

Shivaji University, Kolhapur – 416109
(M.S.) INDIA

MH-SET - 1999

Accredited by U.G.C. & Conducted by
Savitribai Phule Pune University,
state Agency (M.S.)

M.Sc.

Organic Chemistry - 1998
Shivaji University, Kolhapur – 416109
(M.S.) INDIA

Honors and Awards

- Prof M. H. Jagdale award (1st rank in M.Sc. Chemistry), Shivaji University, Kolhapur (1998)
- Fellow of Indian Academy of Sciences, Bangalore in 2007
- BOYSCAST fellow of DST, Govt. of India, New Delhi in 2010-2011
- Fellow of Maharashtra Academy of Science” in 2016 for excellent contribution in science
- Recipient of Fast Track Research Proposal for Young Scientist from DST

❖ Teaching Experience

Total : 25 years
U.G. : 2.5 years
P. G. : 22.5 years

❖ Research Guidance

PG Programme

M.Sc. Projects : 156
M. Phil : 02 Students
M. Phil working : 00
Ph. D. : 16
Ph. D. working : 06

❖ Research Publications

Research Articles : 107
National : 04
International : 103
Patents : 02

❖ Research Matrix

Citations : 2230
H Index : 28
i-10 Index : 63

❖ Conferences Attended

National : 30

International : 25

Invited Talk : 73

Academic and Administrative Responsibilities

1. Administrative Responsibilities

- Member, Admission Committee, Department of Chemistry and Department of Agrochemical & Pest Management, Shivaji University, Kolhapur
 - **Member, Board of Studies (BOS):**
 - Sadguru Gadage Maharaj College, Karad
 - Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati, Pune (MS)
 - Yashavantrao Chavan Institute of Science, Satara
 - **Member of College Development Committee (CDC):**
 - Lal Bahadur Shastri College, Satara
-

2. Research Responsibilities

- Evaluation of Ph.D. Thesis
- Referee for Ph.D. Viva-Voce Examinations
- Chairman for Ph.D. Viva-Voce Examinations
- Member, Departmental Research Committee (DRC) and Research Advisory Committee (RAC), Department of Agrochemical & Pest Management, Shivaji University, Kolhapur
- RAC Member, Karmaveer Bhaurao Patil University, Satara

- Member, Research Advisory Committee (RAC), School of Chemical Sciences, Sanjay Ghodawat University, Kolhapur.
-

3. Examination Responsibilities

- Chairman, Examination, Department of Organic Chemistry
 - Chairman, Examination, Applied Chemistry
 - Chairman, Examination, Industrial Chemistry
 - SRPD Coordinator
 - Senior Supervisor
 - Paper Setter, Examiner, and Moderator for Examinations of Shivaji University, Kolhapur
-

4. Coordinator / Organizational Responsibilities

- Coordinator, Department of Industrial Chemistry (2019–2022)
 - Coordinator, National Science Day Celebrations
 - Coordinator, Remedial Coaching Scheme for SC/ST Students
 - Coordinator, University Level Avishkar Research Competition (2013 & 2025)
 - Section In-charge, Organic Chemistry, Shivaji University, Kolhapur
 - Teacher In-charge, M.Sc. Organic Chemistry Study Tour
-

5. Subject Expert / Selection Committee Member

- Subject Expert, Selection Committee for Assistant Professor at:
 - Kisanveer Mahavidyalaya, Wai
 - Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra

- Kavayitri Bahinabai Chaudhari North Maharashtra University

6. Guest Lectures and Invited Talks

- **Guest Lectures delivered at:**

- Yashwantrao Chavan Institute of Science, Satara
- Sadguru Gadage Maharaj College, Karad
- Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
- Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati, Pune (MS)
- Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
- D.R. Mane Mahavidyalaya, Kagal
- Kisanveer Mahavidyalaya, Wai
- Sharadchandra Pawar Mahavidyalaya ,Lonand
- Yashwantrao Chavan College of Science, Karad
- Dahiwadi College, Dahiwadi
- Sir Parashurambhau College,Pune.

- **Invited Talks at:**

- Dr. Homi Bhabha State University, Mumbai
- Goa University, Goa

❖ **Research Project:**

Sr. No.	Title of the project	Funding Agency	Period	Grant sanctioned In Rs.	Status
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1	Development of newer synthetic methodologies using heterogeneous solid acid and bases	UGC	1/04/2008 to 31/03/2011	6, 78,300/-	Completed
2	Development of cleaner methodologies for heterocycles and coupling reactions	UGC	28/03/2013 to 27/03/2016	10, 28,880/-	Completed
3	Designing and synthesis of ionic liquids for pharmaceutically important organic transformations	DST	24/07/2014 to 23/07/2017	26,00,000/-	Completed
4	“Application of Magnetically Separable Nanoparticles	SUK	01/04/2019 to 31/03/2021	2,10,000/-	Completed

❖ List of Publications:

- Design, Synthesis, and Antitubercular Evaluation of 4-Thiazolidinone Derivatives: A Combined Experimental and DFT Study, VM Mahadik, PM Mhaldar, MV Patil, SS Desai, PR Dongare, GS Rashinkar, DM Pore, Journal of Molecular Structure, 144005
- A Novel Theophylline-Functionalized Magnetic Palladium Complex for Green Suzuki-Miyaura Cross-Coupling Reaction, S Khot, P Dandge, S Shikalgar, P Ghule, D Pore, G Rashinkar, Journal of Organometallic Chemistry, 123831
- Brønsted acid-hydrotrope combined catalyst (BAHC) for the synthesis of pyrano[2,3-d]pyrimidines and isoindolo[2,1-a]quinazolines in aqueous medium, TR Lohar, SS Mohite, SV Pore, MV Patil, DM Pore, SR Kamat, Research on Chemical Intermediates, 1-20
- Cellulose-immobilized caffeine-NHC-Cu complex for Ullmann cross-coupling reactions TN Aalhusaini, WN Al-darkazali, D Pore, G Rashinkar, Journal of Organometallic Chemistry, 123752

- Graphene oxide decorated N-heterocyclic carbene–nickel complex with pendant caffeine for C–H arylation of benzoxazole, T Aalhusaini, D Pore, G Rashinkar, *Journal of Organometallic Chemistry* 1034, 123637
- Multicomponent Synthesis of Thiazolidinone- Bis Schiff Base Hybrids and Evaluation of Their Antibacterial and Antioxidant Activity, VM Mahadik, PM Mhaldar, MV Patil, NA Nerlekar, PB Dandge, DM Pore, *ChemistrySelect* 10 (17), e202405332
- A novel nanocatalyst praseodymium oxide (Pr 6 O 11) for the efficient and sustainable synthesis of chromene derivatives via ultrasound irradiation in an aqueous hydrotropic medium, S Patil, N Pandit, A Kadam, S Attar, C Bagade, D Pore, S Kamble, *RSC advances* 15 (32), 25985-25999
- Brønsted acidic surfactant [HDMM]+[HSO 4]–: a green microreactor assembly for stereoselective synthesis of novel thiazolyl-pyrazole-chromen-2-ones in water
- MV Patil, PM Mhaldar, VM Mahadik, R Ghanta, M Shukla, SA Sonawane, SK Ghotekar, GS Rashinkar, DM Pore, *RSC advances* 15 (18), 13753-13762
- Merrifield resin-supported N-heterocyclic carbene-silver complex appended with caffeine for Sonogashira cross-coupling reaction, T Aalhusaini, D Pore, G Rashinkar, *Journal of Organometallic Chemistry* 1023, 123406
- Biosynthesis of CuO nanoparticles using *Acacia concinna* pod and their application for the synthesis of tetra-hydrobenzo[b]pyran derivatives, NP Patil, DS Gaikwad, SD Shinde, DM Pore, KA Undale, *Research on Chemical Intermediates* 50 (12), 5915-5936
- Synthesis of magnetically separable mixed metal oxide nanocomposite (Cu/CoFe₂O₄) for Huisgen 1,3-dipolar cycloaddition, DJ Sutar, SN Zende, PM Mhaldar, DM Pore, AS Tapase, GS Gokavi, *Discover Chemistry* 1 (1), 31
- Minting Progress: Multifunctional Bismuth Oxide Nanoparticles via *Mentha arvensis* extract for Biomedical Advancements, P Dandge, R Gade, N Nerlekar, P Dandge, V Nandre, D Pore, G Rashinkar, *ChemistrySelect* 9 (40), e202404086
- Benzylpyrazolyl naphthoquinones as potential VEGFR-2, GPCR and PPAR inhibitors: Synthesis, anti-cancer evaluation, molecular docking and DFT studies, Pradnya Patil, Pruthanka Patil, Padma Dandge, Prakash Bansode, Bajarang Kumbhar, Wilson Chandane, Sanket Rathod, Prafulla Choudhari, Suraj Khot, Navanath Valekar, Dattaprasad Pore, Gajanan Rashinkar, *Journal of Molecular Structure*, 2023, 1301,137202

- Cellulose/silica supported Schiff base Pd (II) catalyst for copper-free Sonogashira cross-coupling, Pravin S Pharande, Pradeep M Mhaldar, Mayuri V Patil, Suraj A Sonawane, Shrikrishna T Salunke, Dattaprasad M Pore, Research on Chemical Intermediates, 2023, 1-23
- Nano-magnetite supported N-heterocyclic carbene-gold complex with pendant ferrocenyl group as a multi-modal anti-breast cancer agent, Pradnya V Patil, Prakash A Bansode, Shivanand P Gajare, Ajit H Deshmukh, Arpita P Tiwari, Vishwajeet M Khot, Sandeep B Patil, Dattaprasad M Pore, Gajanan S Rashinkar, Research on Chemical Intermediates, 2023, 49, 5141-5161
- A novel green synthesis of honey-mediated CoCr₂O₄ nanoparticles and their expeditious heterogeneous catalytic role for the synthesis of 5-aryl-[1, 2, 4] triazolidine-3-thiones, S Ghotekar, D Sanap, KYA Lin, H Louis, D Pore, R Oza, Research on Chemical Intermediates, 2023, 1-20
- A selective heterogeneous cellulose supported Schiff base Cu (II) catalyst for Chan–Evans–Lam coupling; PS Pharande, PM Mhaldar, TR Lohar, SK Ghotekar, TN Chhowala, GS Rashinkar, DM Pore, Research on Chemical Intermediates, 1-20, 2023
- Nano-magnetite supported N-heterocyclic carbene-gold complex with pendant ferrocenyl group as a multi-modal anti-breast cancer agent; PV Patil, PA Bansode, SP Gajare, AH Deshmukh, AP Tiwari, VM Khot, SB Patil, DM Pore, GS Rashinkar, Research on Chemical Intermediates, 1-21, 2023
- Reductive Ullmann-Type Homocoupling of Aryl Halides Catalysed by Mixed Metal Oxide Nanocomposite (Pd/MnFe₂O₄) Under Aqueous Condition
DJ Sutar, SN Zende, PM Mhaldar, DM Pore, AS Tapase, GS Gokavi Catalysis Letters, 1-10, 2023
- An expedient heterogeneous catalyst for one-pot tandem synthesis of 1-aryl-1, 2, 3-triazoles through Huisgen 1, 3-cycloaddition, PS Pharande, GS Rashinkar, SK Ghotekar, DM Pore, Research on Chemical Intermediates, 1-21, 2023
- Silica-grafted DBU-supported NiCl₂: a sustainable heterogeneous catalyst for A₃ coupling, PS Pharande, GS Rashinkar, DM Pore, Research on Chemical Intermediates, 1-24, 2023

- Remarkable anti-breast cancer activity and molecular docking studies of ferrocene tethered pyrimidobenzothiazoles and pyrimidobenzimidazoles, P Bansode, D Pore, S Tayade, S Patil, P Choudhari, G Rashinkar, Results in Chemistry 5, 100758, 2023
- Recent Advances in Synthesis of CeVO₄ Nanoparticles and Their Potential Scaffold for Photocatalytic Applications, S Ghotekar, S Pansambal, KYA Lin, D Pore, R Oza, Topics in Catalysis 66 (1-4), 89-103
- Novel palladium tagged ferrite nanoparticle supported ionic liquid phase catalyst for the efficient copper-free Sonogashira coupling, S.A. Sonawane, P.M. Mhaldar, T.N. Chhowala, D.M. Pore, J. Mol. Struct., 2022, 1269, 133729
- L-Proline Nitrate: An Efficient Amino Acid Ionic Liquid Catalyzed Synthesis of 5-aryl-[1, 2, 4]-triazolidine-3-thiones, S.A. Sonawane, D.M. Pore, 2022, Lett. Org. Chem. 19 (9), 743-749.
- Surfactant based nanoreactor micellar assembly: An innovative route for synthesis of 2-thioxo-2, 3-dihydroquinazolin-4 (1H)-ones, MV Patil, PM Mhaldar, S.N. Tayade, G.S Rashinkar, D.M Pore, J. Mol. Liq., 2022, 359, 119305
- Silica grafted DBU Supported NiCl₂: A Sustainable heterogeneous catalyst for A3 coupling, P.S. Pharande, G.S. Rashinkar, D.M. Pore.
- Recent Advances in Synthesis of CeVO₄ Nanoparticles and Their Potential Scaffold for Photocatalytic Applications, S Ghotekar, S Pansambal, KYA Lin, D Pore, R Oza, 2022, Top Catal, 1-15
- Magnetically Recoverable Palladium Nanocatalyst [Pd (II)-Benz-Am-Fe₃O₄@SiO₂] for Ullmann Type Homocoupling of Aryl halides with N₂H₄ as an Efficient Reductant, PM Mhaldar, MV Patil, GS Rashinkar, DM Pore, 2022, J. Inorg. Organomet. Polym. Mater., 1-14
- An efficient Brønsted acid ionic liquid catalyzed synthesis of novel spiro1, 2, 4- triazolidine-5-thiones and their photoluminescence study, V. B Shinde, P.M. Mhaldar, T. N. Chhowala, M. Mirzaei, Suresh K Ghotekar, G.S. Rashinkar, D.M Pore, 2022, J. Mol. Struct., 1249, 131528
- Novel copper tagged supported ionic liquid phase catalyst for the synthesis of 1,4- disubstituted 1, 2, 3- triazoles via Cu-catalyzed azide–alkyne cycloaddition reactions in water, SA Sonawane, DM Pore, 2022, Catal. Lett., 1-15

- Nano- magnetic Copper Complexes as Double- Edged Sword against MCF- 7 Breast Cancer Cells, SP Gajare, PA Bansode, PV Patil, TNA Aalhusaini, S.S. Chavan, D.M. Pore, 2022, Chemistryselect 7 (3), e202103818
- Cellulose Schiff base-supported Pd (II): An efficient heterogeneous catalyst for Suzuki Miyaura cross-coupling, P.S. Pharande, G.S. Rashinkar, D.M. Pore, Res.Chem. Intermed.47 (11), 4457-4476
- Meglumine catalyzed one pot synthesis of new fluorescent 2-amino-4-pyrazolyl-6-aryldiazenyl-4H-chromene-3-carbonitriles, Suyog N Korade, P.M. Mhaldar, P.P. Kulkarni, G.S Rashinkar, D. M Pore, Synth. Commun., 2021,51 (15), 2336-2348
- Sustainable Synthesis of Biaryls Using Silica Supported Ferrocene Appended N-Heterocyclic Carbene-Palladium Complex, Sharanabasappa Khanapure, Dattaprasad Pore, Megha Jagadale, Vaishali Patil & Gajanan Rashinkar
- Highly effective cellulose supported 2-aminopyridine palladium complex (Pd(II)-AMP-Cell@Al₂O₃) for Suzuki-Miyaura and Mizoroki–Heck cross-coupling, Mhaldar, P.M., Vibhute S.P., Rashinkar G.S., Pore D.M., React funct. Polym., **2020**, 152, 104586.
- Palladium schiff base complex immobilized on magnetic nanoparticles:An efficient and recyclable catalyst for Mizoroki and Matsuda-Heck coupling, Vibhute, S. P., Mhaldar, P. M., Shejawal, R. V., Rashinkar G. S., Pore, D. M., Tetrahedron Lett., **2020**, 17, 158101.
- Magnetic Nanoparticles-Supported Palladium catalyzed Suzuki-Miyaura Cross Coupling., Vibhute, S. P., Mhaldar, P. M., Shejawal, R. V., Pore, D. M., Tetrahedron Lett.,**2020**, 11, 151594.
- Cu-ACP-Am-Fe₃O₄@SiO₂: an efficient and recyclable heterogeneous catalyst for the Chan–Lam coupling reaction of boronic acids and amines, Vibhute, S. P., Mhaldar, P. M., Gaikwad, D. S., Shejawal, R. V., Pore, D. M., Monatsh Chem. **2020**, 151, 87.
- Envirocat EPZ-10: An efficient catalyst for the synthesis of 1,2,4-triazolidine-3-thiones, Mhaldar, P.M., Pore, D.M., Lett. Org. Chem., **2020**, 17, 321.
- Synthesis and Biological Activities of Novel Aryldiazo Substituted Heterocycles., Korade, S. N., Patil, J. D., Gaikwad, D. S., Sonawane, S. A., Vibhute, S. P., Dige, N. C., Mhaldar, P. M., Pore., D. M., Org. Prep. Proced. Int. **2020**, 52, 147.

- Novel Route for the Synthesis of 5-(4-Hydroxy-2-oxo-2H-chromen-3-yl)-1,3-dimethyl-1H-chromeno[2,3-d]pyrimidine-2,4(3H,5H)-diones, Dige, N. C., Mahajan, P. G., Dhokale, R. K., Chinchkar, S. M., Patil M. V., Pore, D. M., *Org. Prep. Proced. Int.*, **2019**, 51, 573
- Basic Ionic Liquid [DPPA] Cl – Catalyzed Synthesis of Fluorescent 3- Acetoacetyl –6-aryldiazenyl- coumarins, Korade S.N., Pore, D.M. *Chemistryselect*, **2019**, 4, 4804.
- Multi-functionalized ionic liquid with in situ-generated palladium nanoparticles for Suzuki, Heck coupling reaction: a comparison with deep eutectic solvent, D.S. Gaikwad, K.A. Undale, D.B. Patil, D.M. Pore, *J. Iran. Chem. Soc.* **2019**, 16, 253
- Synthesis of magnetically separable catalyst Cu-ACP-Am-Fe₃O₄@SiO₂ for Huisgen 1,3-dipolar Cycloaddition, S.P. Vibhute, P.M. Mhaldar, S.N. Korade, D.S. Gaikwad, R.V. Shejawal, D.M. Pore, *Tetrahedron Lett.* **2018**, 41, 3643.
- pH-Transformed ZnO-NPs /NaPTS: The First Room-Temperature Brisk Synthesis of Flavanones in Aqueous Medium, Bipin Shinde Dr. Santosh B. Kamble Dr. Dattaprasad M. Pore Prasad Gosavi Amol Gaikwad Dr. Harsharaj S. Jadhav Dr. Bhausahab K. Karale Dr. Arvind S. Burungale, *Chemistryselect*, **2018**, 3,13197
- Choice of Solvent in the Synthesis of Chromeno[3,4- c]pyridines and Chromene-3-carboxylates, Mane, M.M., Korade, S.N., Chinchkar S.M., Pore D.M., *Org. Prep. Proced. Int.*, **2018**, 50, 454.
- A new dual basic ionic liquid promoted synthesis of spiro[naphthalene-2,50-pyrimidine]-4-carbonitrile D. S. Gaikwad, V. B. Gawade, A. B. Kamble, N. H. Nimbalkar, Y. B. Pujari, K. A. Undale, D. B. Patil, D. M. Pore, *Res. Chem. Intermed.*, **2018**, 44, 31.
- Design of task-specific ionic liquid, 1-(ethylaceto acetate)-1-(2-hydroxyethyl) piperidinium tetrachloroaluminate for multicomponent synthesis of 3,3'-disubstituted oxindoles, Dige, N.C., Korade, S.N., Pore, D.M., **2017**, 43(12), 7029.
- Serendipitous formation of novel class of dichromeno pyrano pyrimidinone derivatives possessing anti-tubercular activity against M. tuberculosis H37Rv, Dige, N.C., Mahajan, P.G., Pore, D.M., *Med. Chem.res.*, **2017**, 1, 224.
- Triton X-100 stabilized Pd nanoparticles and their catalytic application in one-pot sequential Heck and Hiyama coupling in water, Gaikwad, D.S., Undale, K.A., Patil, D.B., Pore, D.M., Kamble, A.A., *Chem. Intermed.*, **2017**, 1, 265.

- In-situ-generated palladium nanoparticles in novel ionic liquid: an efficient catalytic system for Heck–Matsuda coupling, Gaikwad, D.S., Undale, K.A., Patil, D.B., Pore D. M., Korade, S.N., Kamble, A.A., . Chem. Intermed., **2017**, 43(8), 4445.
- DABCO: An efficient catalyst for pseudo multi-component reaction of cyclic Ketone, Aldehyde and Malononitrile, Chinchkar, S.M., Patil, J.D., Korade, S.N., Gokavi, G.S., Shejawal, R.V., Pore, D.M., Lett. Org. Chem., **2017**, 14(6), 403.
- Dicationic 1,3-Bis(1-methyl-1H-imidazol-3-ium) Propane Copper(I) Dibromate : Novel Heterogeneous Catalyst for 1,3-Dipolar Cycloaddition, Dige, N.C., Patil, J.D., Pore, D.M., Cat. Let., **2017**, 147(2), 301.
- Synthesis of 2-Amino-4-(3-amino-5-hydroxy-4 H -pyrazol-4-ylidene)-4 H -chromene-3-carbonitriles, Mane, M.M., Pore, D.M., Synlett, **2016**, 27, 1720.
- DABCO catalyzed pseudo multi-component synthesis of functionalized spirooxindoles, Hegade, P.G., Chinchkar, S.D., Pore, D.M., Monatshefte fur Chemie, **2016**, 147, 1243.
- An efficient synthesis of anti-microbial 1,2,4-triazole-3-thiones promoted by acidic ionic liquid, Patil P.B., Patil J.D., Korade S.N., Kshirsagar S.D., Govindwar S.P., Pore D.M., Res Chem. Intermed, **2016**, 42, 4171.
- Novel task-specific ionic liquid for room temperature synthesis of spiro-1,2,4-triazolidine-3-thiones, Korade, S.N., Patil, J.D., Pore, D.M., MonatshChem, **2016**, 147, 2143.
- Sulfamic acid as energy efficient catalyst for synthesis of fluorphores, 1-H-spiro [isoindoline-1,2'-quinazoline]-3,4'(3'H)-diones, Mane, M.M., Pore, D.M., Journal of Chemical Sciences, **2016**, 128, 657.
- Green aspect for multicomponent synthesis of spiro[4 H -indeno[1,2-b]pyridine-4,3'-[3 H]indoles], Dige, N.C., Pore, D.M., Synthetic Communications, **2015**, 45, 2498.
- Dual functionalized task specific ionic liquid promoted in situ generation of palladium nanoparticles in water: synergic catalytic system for Suzuki-Miyaura cross coupling, Patil, J.D., Korade, S.N., Patil, S.A., Gaikwad, D.S., Pore, D.M., RSC Advances, **2015**, 5, 79061.
- Sulfamic acid: Efficient, cost-effective catalyst for facile synthesis of deazaoxaflavin at ambient temperature, Mane, M.M., Pore, D.M., Synthetic Communications, **2015**, 45, 868.
- A polymer supported ascorbate functionalized task specific ionic liquid: An efficient reusable catalyst for 1,3-dipolar cycloaddition, Patil, J.D., Patil, S.A., Pore, D.M., RSC Advances, **2015**, 5, 21396.

- A novel one pot multi-component strategy for facile synthesis of 5-aryl-[1,2,4]triazolidine-3-thiones, Mane, M.M., Pore, D.M., Tetrahedron Letters, **2014**, 55, 6601.
- Sulfamic acid: A mild, efficient, and cost-effective catalyst for synthesis of indoloquinoxalines at ambient temperature, Hegade, P.G., Mane, M.M., Patil, J.D., Pore, D.M., Synthetic Communications, **2014**, 44, 3384.
- Catalyst-free access to pseudo multi-component synthesis of benzopyranopyrimidines, Shaikh, T S., Patil, J.D., Gaikwad, D S., Hegade, P G., Patil, P B., Undale, K A., Mane, M M., Pore, D M., Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry, **2014**, 53B, 1288.
- Green access to multi-component synthesis of spiropyranopyrazoles, Pore, D.M., Hegade, P.G., Gaikwad, D.S., Patil, P.B., Patil, J.D., Letters in Organic Chemistry, **2014**, 11, 131.
- AlCl₃Br: An efficient novel ionic liquid for synthesis of novel 1,2,4-triazolidine-3-thiones in water, Patil, J.D., Pore, D.M., RSC Advances, **2014**, 4, 14314.
- Experimental determination and prediction of phase behavior for 1-butyl-3-methylimidazolium nonafluorobutylsulfonate and carbon dioxide, Hong, S.K., Park, Y.K., Pore, D.M., Korean Journal of Chemical Engineering, **2014**, 31, 1656.
- 1,1'-Sulfinyldipyridinium bis (hydrogen sulfate) ionic liquid: Synthesis and application in the temperature-influenced synthesis of novel pyranopyrimidinediones and pyranopyrimidinetriones, Patil, J.D., Korade, S.N., Pore, D.M., RSC Advances, **2014**, 4, 50449.
- Document The unprecedented synthesis of novel spiro-1,2,4-triazolidinones, Pore, D.M., Hegade, P.G., Mane, M.M., Patil, J.D., RSC Advances, **2013**, 3, 25723.
- Green access to novel spiropyranopyrazole derivatives, D.M. Pore, P.B. Patil, D.S. Gaikwad, J.D. Patil, K.A. Undale, Tetrahedron Letters, **2013**, 54, 5876.
- Ferrocene-tagged N-heterocyclic carbene-Pd complex for Suzuki-Miyaura coupling, D.M. Pore, D.S. Gaikwad, J.D. Patil, Monatshefte fur Chemie, **2013**, 144, 1355.
- Palladium-nanoparticle-catalyzed Matsuda-Heck reaction in water D.S. Gaikwad, D.M. Pore, Synlett, **2012**, 23, 2631.
- Potassium phosphate catalyzed efficient synthesis of 3-carboxycoumarins K.A. Undale, D.S. Gaikwad, T.S. Shaikh, U.V. Desai, D.M. Pore, Indian Journal of Chemistry - Section B, **2012**, 51, 1039.

- A novel hydrophobic fluorous ionic liquid for ligand-free Mizoroki-Heck reaction, Gaikwad, D.S., Park, Y., Pore, D.M., Tetrahedron Letters, **2012**, 53, 3077.
- Envirocat EPZ10: An efficient catalyst for the synthesis of 3-acetoacetylcoumarins, Shaikh, T.S., Undale, K.A., Gaikwad, D.S., Pore, D.M., Comptes Rendus Chimie, **2011**, 14, 987.
- An efficient multi-component synthesis of (2-amino-3-cyano-4H-chromen-4-yl) phosphonic acid diethyl ester, Gaikwad D.S., Undale K.A., Shaikh T.S., Pore D.M., Comptes Rendus Chimie, **2011**, 14, 865.
- Synthesis of novel fluorophores derived from pyranilydenemalononitrile, Shin M., Lee S., Chin S., Lee S.H., Pore D.M., Park Y.K., Lee S.G., Hwang K.J., Bull. of the Korean Chem. Soc, **2011**, 32, 3152.
- One-pot multi-component synthesis of polyhydroquinolines at ambient temperature K.A. Undale, T.S. Shaikh, D.S. Gaikwad, D.M. Pore, Comptes Rendus Chimie, **2011**, 14, 511.
- A revisit to the Hantzsch reaction: Unexpected formation of tetrahydro-benzo[*b*]pyrans beyond polyhydroquinolines K.A. Undale, Y. Park, K. Park, D.H. Dagade, D.M. Pore, Synlett, **2011**, 719.
- A green protocol for catalyst-free synthesis of 1-oxo-hexahydroxanthenes in aqueous medium D.M. Pore, T.S. Shaikh, K.A. Undale, D.S. Gaikwad C. R. Chimie, **2010**, 13, 1429.
- Envirocat EPZ-10: A Solid Acid Catalyst for the Synthesis of 1,8-Dioxo-octahydro xanthenes in Aqueous Medium D. M. Pore, T. S. Shaikh, N. G. Patil, B. B. Dongare, U. V. Desai, Synthetic Communications, **2010**, 40, 2215.
- Potassium Phosphate Catalyzed a Rapid Three-Component Synthesis of Tetrahydrobenzo[*b*]pyran at Ambient Temperature, D. M. Pore, K. A. Undale, B. B. Dongare, U. V. Desai, Catalysis Letters, **2009**, 132, 104.
- Sulfamic acid: An efficient and cost-effective solid acid catalyst for the synthesis of α -aminophosphonates at ambient temperature, S.D. Mitragotri, D. M. Pore, U.V. Desai, P.P. Wadgaonkar, Catalysis Communications, **2008**, 9, 1822.
- Trichloroisocyanuric Acid Mediated one-pot Synthesis of Unsymmetrical 2,5-Disubstituted 1,3,4-Oxadiazoles at Ambient Temperature, D. M. Pore, S. M. Mahadik, U. V. Desai, Synthetic Communications, **2008**, 38, 3121.
- LiBF₄ catalyzed synthesis of α -aminonitriles D. M. Pore, U. V. Desai, T. S. Thopate, P. P. Wadgaonkar Monatsh Fur Chem., **2007**, 138, 759.

- Anhydrous Magnesium Sulfate Mediated Solvent-free Synthesis of Dihydropyrimidin-2(1H)ones at Ambient Temperature, D. M. Pore, U. V. Desai, T. S. Thopate, P. P. Wadagaonkar, Australian Journal of Chemistry, **2007**, 60, 435.
- An Efficient Deprotection of Dithioacetals to Carbonyls using Oxone-KBr in Aqueous-Acetonitrile Medium Uday V. Desai, D.M. Pore, B. V Tamhankar, P. P. Wadgaonkar, Tetrahedron Lett., **2006**, 47, 8559.
- A highly efficient synthesis of trisubstitutedquinolines using sodium hydrogen sulphate on silica gel as a reusable catalyst U. V. Desai, S. D. Mitragotri, T. S. Thopate, D. M. Pore, P. P. Wadagaonkar, Arkivoc **2006**, xv, 198.
- Potassium Phosphate or Silica Sulfuric Acid Catalyzed Conjugate Addition of Thiols to α , β -Unsaturated Ketones at Room Temperature under Solvent-Free Conditions D. M. Pore, M. S. Soudagar, U. V. Desai, T. S. Thopate, P. P. Wadagaonkar, Tetrahedron Letters, **2006**, 47, 9325.
- An Efficient Deprotection of Dithioacetals to Carbonyls using Oxone-KBr in Aqueous-Acetonitrile Medium Uday V. Desai, D.M. Pore, B. V Tamhankar, P. P.Wadgaonkar, Tetrahedron Letters, **2006**, 47, 8559.
- An efficient, solvent-free method for chemoselective synthesis of acylals from aldehydes and their deprotection catalyzed by silica sulfuric acid as a reusable solid acid catalyst U. V. Desai, T. S. Thopate, D.M. Pore, P. P. Wadgaonkar, Catalysis Communications, **2006**, 7, 508.
- A mild, expedient and solventless synthesis of bis(indolyl) alkanes using silica sulfuric acid as a reusable catalyst D.M. Pore, U.V. Desai, T. S. Thopate, P.P. Wadgaonkar, Arkivoc, **2006**, xii, 75-80.
- ChemoselectiveDithioacetalization of Aldehydes Over Ketones Using Silica Sulfuric Acid as a Reusable Catalyst U.V. Desai, D.M. Pore, R.B. Mane and P. P.Wadgaonkar, Indian Journal of Chem. Sec. B. **2006**, 45, 1291.
- Oxidation of 1,2-bis (cyanoalkyl) hydrazines to azobisnitriles using trichloroisocyanuric acid U. V. Desai, S. M. Mohite, D.M. Pore, R.B. Mane, P. P. Wadgaonkar, Journal of Chem. Res., **2004**, 645.

- Chemoselective Tetrahydropyranylation of Alcohols and Their Detetrahydropyranylation using Silica sulfuric Acid as a Reusable Catalyst D.M. Pore, U. V. Desai, R.B. Mane, P.P. Wadgaonkar Synth.Comm. **2004**, 34, 2135.
- One Pot Synthesis of Monoalkylated and Mixed, Dialkylated Meldrum's Acid Derivatives, Desai, U.V., Pore, D.M., Mane, R.B., Solabannavar, S.B., Wadgaonkar, P.P., Synthetic Communications, **2004**, 34(1), 25.
- Potassium phosphate catalyzed Nitroaldol Reaction D.M. Pore, U. V. Desai, R.B. Mane, P.P. Wadgaonkar, Synth. Commun. **2004**, 34, 19.

❖ **List of Conference/Workshop/Seminar attended:**

- One Pot Synthesis of Monoalkylated and Mixed, Dialkylated Meldrum's Acid "National Symposium on Frontier in Organic Chemistry" organized by Shivaji University, Kolhapur.
- Campaign on University Research And training Court-2003. organized by Shivaji University, Kolhapur.
- "Recent Developments In Environmental Science" organized by Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
- Oxidative coupling of thiols to Disulphides using Oxone-KBr in Aqueous Acetonitrile medium National Seminar on "Recent Trends In Polymer and Organic Synthesis" organized by Himachal Pradesh University, Shimla.
- A work shop on "Green Chemistry" organized by M. S. University, Baroda, India
- Trichloroisocyanuric acid Mediated One pot synthesis of Unsymmetrical 2,5-Disubstituted 1,3,4-Oxadiazoles at Ambient Temperature National Seminar on "Synthesis of New Materials For Industrial Applications" held on 1st -2nd Feb. 2008 organized by Dept. of Chemistry Shivaji University, Kolhapur.
- Envirocat EPZ-10: A Solid Acid Catalyst for the Synthesis of 1,8-Dioxo-octahydro xanthenes in Aqueous Medium National Conference on "Recent Advances in Chemical Sciences" held on 3-5th Oct. 2008 at Bikaner, Rajasthan organized by Dept. of Chemistry, Govt. Dungar College, Bikaner.
- International Conference on Nanomaterials and Applications (ICNAMA-2008) held on 9-11th Dec. 2008 Dept. of Chemistry Shivaji University, Kolhapur.

- One-pot Multi-component synthesis of polyhydroquinolines at ambient temperature National Seminar on “Advanced Synthetic Methodologies and Functional Materials” [ASMFM] held on 23rd -24th Dec.2009 organized by Dept. of Chemistry Shivaji University, Kolhapur.
- Potassium phosphate catalyzed highly efficient synthesis of sulphides at ambient temperature National Seminar on “Advanced Synthetic Methodologies and Functional Materials” [ASMFM] held on 23rd -24th Dec. 2009 organized by Dept. of Chemistry Shivaji University, Kolhapur.
- Potassium phosphate catalysed an Efficient Synthesis of 3- carboxycoumarins UGC-SAP National Symposium on “Advances in Synthetic Methodologies and New Materials” held on 21st and 22nd Jan. 2011 organized by Dept. of Chemistry Shivaji University, Kolhapur.
- An Efficient Multi-Compound Synthesis of (2-Amino-3-cyano-4H-Chromen-4yl) Phosphonic Acid Diethyl Ester National Seminar on “Recent Trends in organic synthesis” held on 24-26th Feb. 2011 organized by Dept. of Chemistry Shivaji University, Kolhapur.
- Envirocat EPZ-10: An Efficient Catalyst for synthesis of 3-Acetoacetyl coumarins National Seminar on “Recent Advances in Synthetic Chemistry and Nanomaterials” [RASCN] held on 21st and 22nd Jan. 2012 organized by Dept. of Chemistry Shivaji University, Kolhapur.
- Synthesis of novel Ionic liquid and its application for synthesis of triazolidinethones in aqueous medium National Seminar on “Current Trends in Chemical and Nano Sciences” 17th ,18th Jan. 2014 organized by Dept. of Chemistry Shivaji University, Kolhapur
- Synthesis of indoloquinoxalines at ambient temp. National conference on Frontiers in chemical sciences organized by School of chemical science on 30th June 2014, Solapur university
- Synthesis of indoloquinoxalines at ambient temp. National seminar on Frontiers in chemical sciences 25th-26th Sept. 2015 organized by Bharati vidyapith, Kolhapur
- National Conference on Recent Trends In Chemistry & Materials Science (RTCMS 2019) at Department of Chemistry, Shivaji University, Kolhapur.

- International Conference on Chemistry, Environment & Energy (ICCEE-2019) at YCIS, Satara.
- International Conference on “Emerging Trends in Catalysis”,(ETC-2020) VIT Institute, Vellore, Tamilnadu.
- National Conference on Emerging Trends in Chemical and Material Sciences” (ETCMS-2020), Department of Chemistry, Shivaji University, Kolhapur.

