



Curriculum Vitae

Name Dr. Parshuram Maroti Pisal
Date of Birth 18 Jan 1982
Marital Status Married
Languages English, Marathi & Hindi
Permanent Address At Post: Kawalgaon, Tq: Purana, District: Parbhani
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Academic Qualification

Sr. No.	Degree	Year	Subject	University
1	Ph. D.	2009-17	Organic Chemistry	S. R. T. M. University Nanded
2	M. Sc.	2003-05	Polymer Chemistry	S. R. T. M. University Nanded
3	B. Sc.	2000-03	Chemistry	S. R. T. M. University Nanded

Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award

Ph. D. (Organic Chemistry): 2009-17, School of Chemical Sciences, S. R. T. M. University, Nanded.

Title of thesis: "Applications of Inorganic Reagents For the Development of New Synthetic Methods."

Supervisors: *Dr. Vinod T. Kamble*, (Associate Professor) School of Chemical Sciences, S. R. T. M. University Nanded.

Work experience

- **July 2006 - Apr. 2007: Trainee Officer**, FDC Pharmaceutical company Goa.
- **June 2008 - Oct. 2008 : Trainee officer**, Mint Biofuels Ltd Pune.
- **Jan 2015 - July 2016: Research Associate** School of Chemical Sciences, S. R. T. M. University Nanded.
- **Teaching on CHB** 2010-2017 at School of Chemical Sciences, S. R. T. M. University, Nanded.

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- **Assistant Professor: 2018-2021** at School of Chemical Sciences, Punyashloka Ahilyadevi Holkar Solapur University Solapur.
 - **Boys Hostel Warden: 2018-2019-2020** Punyashloka Ahilyadevi Holkar Solapur University Solapur.
 - **External examiner:** for practical examination winter-2018 (M.Sc II^{year} polymer chemistry) and summer -2019(M.Sc II^{year} polymer chemistry research project) at School of Chemical Sciences, S. R. T. M. University Nanded.
 - **External examiner:** for practical examination summer -2019(M.Sc I^{year} Analytical chemistry Dept. Chemistry Shivaji Mahavidyalaya, Udgir.
 - **Exma paper examiner and paper setting at** Punyashloka Ahilyadevi Holkar Solapur University, Solapur.
 - **Appointed as invigilation duty for theory examinations.**
 - **Teaching – Learning and Evaluation, criteria-** NAAC, Punyashloka Ahilyadevi Holkar Solapur University, Solapur.
 - **Co-Ordinater “Certificate Course in Instrumental Methods of Analysis” Skill Development Under School of Chemical Sciences,** Punyashloka Ahilyadevi Holkar Solapur University, Solapur.
 - **Avishkar 2019-20 state level Partcipation, project title: Recycling of waste plastics to value added products (tiles and bricks)** by Punyashloka Ahilyadevi Holkar Solapur University, Solapur.
 - **Submission of Project Pre- Proposal: Recycling of waste plastics to value added products (tiles and bricks)**
Under the scheme “Assistance for S &T Applications” By Rajiv Gandhi Science & Technology Commission Government of Maharashtra

List of Publications:

1. Iron (III) fluoride mediated one-step synthesis of arylaminomethylene-1, 3-dioxane-4, 6-dione *Parshuram M. Pisal*, Shyam N. Ibatte, Shruti M. Kalorey. The UNIQUE Research Analysis. **201**, 1,5-9.
 2. Ultrasonic promoted catalyst-free *N*-formylation of amines in neutral ionic liquid 1-butyl-3-methylimidazoliumtetrafluoroborate. Vinod T. Kamble, Giribala M. Bondale, *Parshuram M. Pisal*. *Arabian Journal of Chemistry*. **2013**, 10, DOI.10.1016/j.arabjc. 2013.09.007.
 3. Synthesis and evaluation of new 4-chloro-2-(3-chloro-4-fluorophenyl)-5-(aliphatic/cyclic saturated amino) pyridazin-3(2*H*)-one derivatives as anticancer, antiangiogenic, and antioxidant agents. Vinod T. Kamble, Ajay S. Sawant, Sanjay S. Sawant, *Parshuram M. Pisal*, Rajesh. N Gacche, Sonali S. Kamble, Vilas A. Kamble, *Archiv der Pharmazie – Wiley*. **2015**, 348, 338–346, DOI 10.1002/ardp. 20140044.
 4. Tetrabutylammonium bromide - cesium carbonate: new reagent system for the synthesis of substituted pyridines at room temperature. Vinod. T Kamble, Sandeep. T
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- Atkore, **Parshuram. M. Pisal**, Munazza Sadaf, Renuka. V Thakre. *Iranian Chemical Communication*. **2016**, 4, 186-196,
5. A facile and efficient method for synthesis nitriles under visible light conditions. Bushra Saleh Samer, Vinod T. Kamble, Ahmed AL-Osta, **Parshuram M. Pisal**. *Iranian Journal of Organic Chemistry*. **2016**, 8, 1881-1886.
 6. Synthesis of new 4-chloro-(5-aliphatic/cyclic saturated amino)-2-o-chlorophenyl-(2H)-pyridazin-3-one derivatives as anticancer, antiangiogenic, and antioxidant agents. Vinod T. Kamble, Ajay S. Sawant, Sanjay S. Sawant, **Parshuram M. Pisal**, Rajesh. N Gacche, Sonali. S Kamble, Harshada. D Shegokar, Vilas. A Kamble. *Journal of Basic and Applied Research International*, **2017**, 21, 10-39.
 7. Synthesis and characterization of biologically active N₂O₂ type of Novel Schiff base metal complexes derived from 4-amino antipyrine using TEA. Sharad D. Dakore, Vinod T. Kamble, **Parshuram M. Pisal**. *International Journal of Chemical Studies* **2017**, 5, 110-113.
 8. Synthesis and evaluation of a Novel series of 6-bromo-1-cyclopentyl-1H-indazole-4-carboxylic acid-substituted amide derivatives as anticancer antiangiogenic and antioxidant agents. Ajay S. Sawant, Sonali S. Kamble, **Parshuram M. Pisal**, Rohan J. Meshram, Sanjay S. Sawant, Vilas A. Kamble, Vinod T. Kamble, Rajesh N. Gacche. *Medicinal Chemistry Research*, **2020**, 29 (1), 17-32. <https://doi.org/10.1007/s00044-019-02454-x>.
 9. ZrCl₄-catalyzed one-pot multi-component synthesis of hexahydropyrano pyrimidinone derivatives. **Parshuram M. Pisal**, Ajay S. Sawant, Vinod T. Kamble, Ravi Varala, Syed F. Adil, Mujeeb Khan and Mohammed Rafiq H. Siddiqui. *Organiccommunication*.13:1,**2020**,28-32.
DOI:<http://doi.org/10.25135/acg.oc.72.20.02.1551>
 10. Zirconium Tetrachloride Catalyzed One-Pot Highly Efficient Green Synthesis of Functionalized Piperidines under Visible Light. **Parshuram M. Pisal**, Sandeep T. Atkore, Vinod T. Kamble, Ravi Varala. *International Journal of Green Chemistry* Vol. 6: Issue 1.
 11. Visible Light Promoted One-Pot, Three Component Reaction for the Synthesis of quinazolines. **Parshuram MP**, Vinod TK, Ravi V and Pradip BG. *Chemical Sciences Journal* Volume 11:2,2020. DOI: 10.37421/csj.2020.11.206
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12. Green Approach of Solvent- and Catalyst Free Synthesis of Bis(indolyl)methanes under Visible Light Irradiation. Baliram S. Hote , Tabbasum A. J. Siddiqui , **Parshuram M. Pisal** & Gajanan G. Mandawad. *Polycyclic Aromatic Compounds*. <https://doi.org/10.1080/10406638.2020.1804414>.
 13. Review on Synthetic Advances in Modified Protoporphyrin and their Analogues. Paradip. B. Gujarathi, and **Parshuram M. Pisal**. *Chemical Science Transactions*, 2020,9 (2), 65-82. DOI:10.7598/csi2020,1803.
 14. Efficient one-pot three-component synthesis of 2H-indazole [2,1-b]phthalazine-1,6,11(13H)-triones at room temperature. **Parshuram M. Pisal**, Vinod T. Kamble, Ravi Varala , Pradip B. Gujarathi. *Organic Communications*,2020,13(4),201. DOI:<http://doi.org/10.25135/acg.oc.85.20.08.1768>
 15. Synthesis and evaluation of novel 4-chloro-5-(cyclic/acyclic amino)-2-p-tolyl-(2H)-pyridazin-3-one derivatives as anticancer, antiangiogenic and antioxidant agents. AS Sawant, SS Kamble, SV Hese, **PM Pisal**, SS Sawant, VA Kamble, VT Kamble, RN Gacche, *Chemistry & Biology Interface*, 2020, 10 (5), 128-139.
 16. Synthesis and evaluation of N-(4-(substituted)-3-(trifluoromethyl) phenyl) isobutyramides and their N-ethyl analogous as anticancer, anti-angiogenic & antioxidant agents: *In vitro* and *in silico* analysis, Ajay S. Sawant, Sonali S.Kamble, **Parshuram M. Pisal**, Sanjay S.Sawant, Shrikant V. Hese, Kamini T.Bagul, Rahul V. Pinjari, Vinod T. Kamble, Rohan J. Meshram, Rajesh N. Gacche. *Computational Biology and Chemistry*, 2021, 92, 06, 107484. <https://doi.org/10.1016/j.compbiolchem.2021.107484>.
 17. Green Approach for Four Component One Pot Synthesis of Polyhydroquinoline Catalyzed by Praseodymium Oxide Using Visible Light, Baliram S. Hote , Tabbasum A. J. Siddiqui and **Parshuram M. Pisal** *Polycyclic Aromatic Compounds*, 2021,1-11 <https://doi.org/10.1080/10406638.2021.1953544>
 18. Antiangiogenic and antioxidant agents synthesis and evaluation of flutamide derivatives as anticancer, antiangiogenic, antioxidant agents and its molecular docking studies. Ajay S, Sawant, **Parshuram M. Pisal**, Sonali S. Kamble, Rohan J. Meshram, Rajesh N. Gacche, Vinod T. Kamble, Rahul V. Pinjari. *Bioorg. Chem.* (*Communicate*).
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19. Synthesis and evaluation of a novel series of tricyclic thiazolopyrazole and aromatized tricyclic thiazolopyrazole derivatives as anticancer, antioxidant agents and its molecular docking studies.

Ajay S. Sawant, **Parshuram M. Pisal**, Sonali S. Kamble, Sanjay S. Sawant, Rajesh N. Gacche, Rahul V. Pinjari, *MedChemComm (Communicated)*.

Techniques and Skills

- Have good experience in multi-step organic synthesis.
- Have good experience in handling air and moisture sensitive reagents and reactions.
- Good experience in separation of reaction mixture, purification of compounds by using column chromatography techniques.
- Experience in characterization of organic compounds through various spectroscopic techniques such as UV, IR, ¹H NMR, ¹³C NMR, LCMS, GCMS.
- Expertise in Chemdraws, Scopus, Web of Science.
- Guided post graduate students for their research projects in the area of synthetic organic chemistry, Polymer Chemistry, Organic methodology.

Area of Research Work

- Development of novel synthetic methodology.
- Natural product synthesis.

Conferences and symposiums attend

B		DETAILS OF PRESENTATION OF PAPER IN SEMINAR / CONFERENCE / WORKSHOP / SYMPOSIA AT VARIOUS LEVELS				
Sr. No	Month & Year	Conference/ Seminars/ Symposia/ Workshop	Name of the Topic	Dates	Venue	Presented paper
1	Feb.2012	Workshop	“Interdisciplinary Nanosciennce”	26 Feb.	School of Chemical Sciences, S.R.T.M. University, Nanded	---
2	Mar. 2012	National Seminar	“Macromolecular Targets and Drug Design”	26-Mar.	School of Chemical Sciences, S.R.T.M. University Nanded	----
3	Nov. 2012	Iternational Conference	“Emerging Trends in Chemical Sciences”	2-4 Nov	School of Chemical Sciences, S.R.T.M. University Nanded	Presented
4	Jan. 2013	Iternational Conference	“International conference on Recent Innovations in	13-14	School of Chemical Sciences, S.R.T.M.	Poster

			Nano-Bio-Polymer-Pharmaceutical Technologies"	Jan.	University Nanded	
5	July. 2014	National Seminar	Awarness Programme on e-Journals"	23 July	School of Chemical Sciences, S.R.T.M. University Nanded	-----
6	Sept. 2014	Workshop	"Analytical Instruments"	25 Sep.	Netaji Subhash Chandra Bose Arts, Commerce and Science Collage, Nanded.	-----
7	Jan. 2015	National Seminar	"Emerging Trends in Chemical Sciences"	21-22Jan.	Savitribai Phule Pune University, Pune	Poster -
8	Jan. 2016	Workshop	"Advances in Instrumentation & Microwave Technology"	19 Jan.	School of Chemical Sciences, S.R.T.M. University Nanded	-----
9	Feb.2018	Seminar	Advance Techniques in Chromatography and Spectroscopy	20 Feb.	School of Chemical Sciences, S.R.T.M. University Nanded	-----
10	Dec. 2018	International Conference	Advances in Chemical Sciences	18 th & 19 th Dec.	S, M. Joshi College, Hadapsar, Pune & Dahiwadi Collage, Dahiwadi, MS India	-----
11	Jan.2019	International Workshop	Untold History of United States & Concept of Nuclear Energy	4 Jan.	Solapur University, Solapur	-----
12	Jan.2019	National Seminar	Modification, Degradation & Stabilization of polymers	25 Jan.	Baburao Patil Collage of Arts & Science, Angar	-----

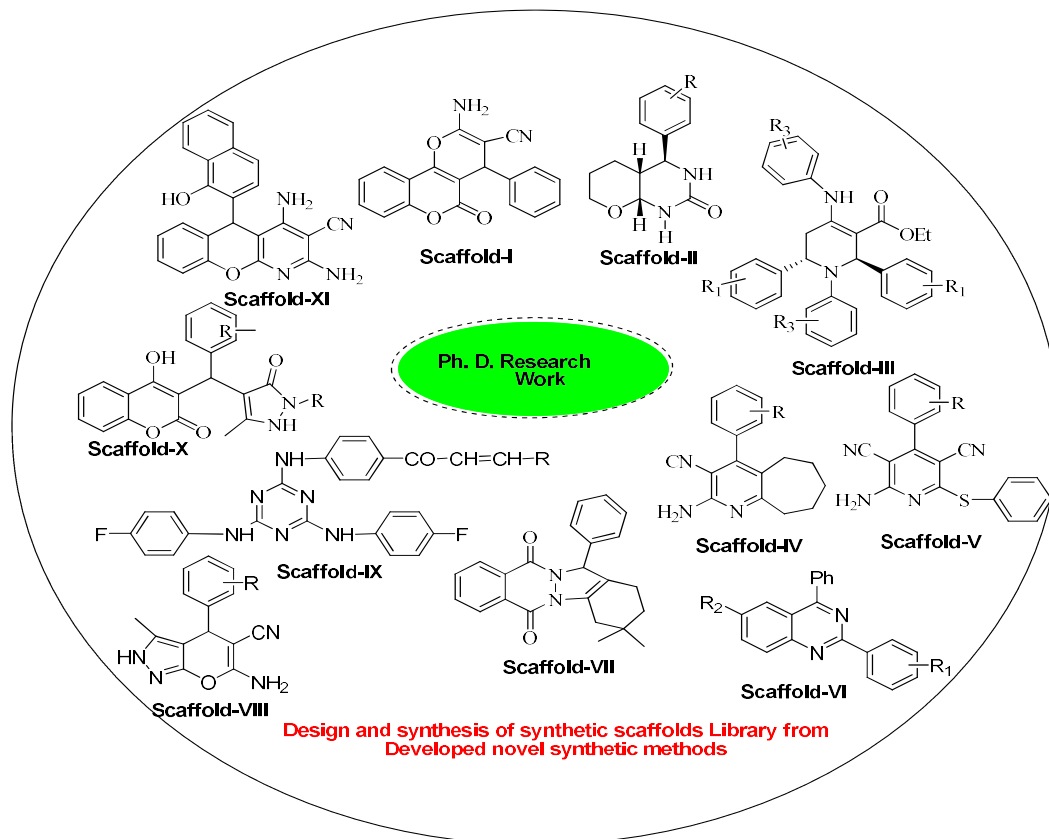
Supervising, Mentoring activities

- During my doctoral studies, I have mentored M. Sc. and M. Phil. project students at School of Chemical Sciences, S. R. T. M. University Nanded,
- Examination Invigilation of M. Sc. at School of Chemical Sciences, S. R. T. M. University Nanded in the duration 2009-2017.
- Under my Guidance M. Sc. II ^{year} project students at School of Chemical Sciences, Punyashloka Ahilyadevi Holkar Solapur University Solapur 2018-2019 and 2019-2020-2021.

Ph. D. Research Summary

- From the view point of green chemistry, attempts we were made to develop environmentally benign protocols for the synthesis of some heterocyclic compounds such as 3,4-dihydropyrano[c] chromene, (scaffold I) 4-arylhexahydro-1H-pyrano [2,3-d] pyrimidin-2(8H)-ones, (scaffold II) piperidines, (scaffold III) multisubstituted pyridin, (scaffold IV) 2-amino-3, 5-dicarbonitrile-6-thio-pyridines, (scaffold V) quinazoline, (scaffold VI) 2H-indazole[2,1-b] phthalazine-trione, (scaffold VII)

pyranopyrazoles, (scaffold VIII) Synthesis of some new S-triazine, (scaffold IX) benzylprazolyl coumarin, (scaffold X) benzopyrano[2,3-*b*] pyridines, (scaffold XI).



References

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Declaration:

I hereby declare that all information given above is true to the best of my knowledge and belief that the document in the support of the information will be forwarded when required.

Dr Parshuram Maroti Pisal