

## Faculty Profile

1. **Name of the faculty:** Dr. Badadhe Pravin Vishnu
2. **Name of the Department:** Chemistry
3. **Educational qualifications:** M.Sc., Ph. D, SET, B. Ed.
4. **Present position:** Associate Professor
5. **Address for correspondence:** Chandan Park, Flat No. 05 Ward-7, Thatte Ground,  
Shrirampur, Dist. Ahmednagar
6. **E-mail and contact number:** pvbadadhe@gmail.com
7. **Specialization:** Organic Chemistry
8. **Total teaching experience:** 16 years
9. **Courses taught:** B. Sc. (Organic, Inorganic), M.Sc. (Organic Chemistry)
10. **Research experience:** 10 Years
11. **Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS.**

Sr. No.	Authors title of the paper	Name of journal /Year/Vol./ Page Nos.	ISSN No.	Impact factor/h-index	National /International
1	Sunil S. Bhagat <sup>a*</sup> , Dadasaheb W. Shinde <sup>b</sup> , <b>Pravin V. Badadhe<sup>c</sup></b> & Charansingh H. Gill <sup>d</sup> . Synthesis and antimicrobial screening of some novel fluorinated chalcones containing pyrazole.	<i>Der Pharma Chemica.</i> <i>Accepted, 2017</i>	0975-413x	0.55	International
2	Mahajan, P. S.; Nikam, M. D.; Khedkar, V.; Jha, P.; <b>Badadhe, P. V.</b> ; Gill, C. H. An Organocatalyzed Efficient One-pot Synthesis, Biological Evaluation, and Molecular Docking Studies of 4,4-(Arylmethylene)bis-	<i>J. Heterocycl. Chem.</i> <b>2017</b> , 54, 1109	1943-5193	0.685	International

	(3-methyl-1- phenyl-1H-pyrazol-5-ols)				
3	Dadasaheb W. Shinde.; Pravin S. Mahajan.; Mukesh D. Nikam.; <b>Pravin V. Badadhe.</b> ; Charansingh H. Gill. Synthesis and biological screening of novel 3,4 dihydropyrimidine-2(1H)-ones and 1,4-dihydropyridines	<i>Chemistry &amp; biology interface.</i> <b>2016</b> , 6, 5, 333.	2249 – 4820	2.8	International
4	Chavhan, N. M.; <b>Badadhe, P. V.</b> ; Shelke, S. N. Synthesis and screening of biological activities of some important pyrazoline derivatives	<i>Int. J. Innovative. Res. Sci.</i> <b>2015</b> , 4, 417.	2347-6710	6.29	International
5	Gill, C. H.; Nikam, M. D.; Mahajan, P. S.; Chate, A. V.; Dabhade, S. K.; <b>Badadhe, P. V.</b> Lithium bromide catalyzed efficient and convenient synthesis of 2-arylbenzothiazole derivatives.	<i>Res. Chem. Intermed.</i> <b>2015</b> , 41, 7509.	0922-6168	1.83	International
6	<b>Badadhe, P. V.</b> ; Patil, L. R.; Bhagat, S. S.; Chate, A. V.; Shinde, D. W.; Nikam, M. D.; Gill, C. H. Synthesis and Antimicrobial Screening of Some Novel Chromones and Pyrazoles with Incorporated Isoxazole Moiety	<i>J. Heterocycl. Chem.</i> <b>2013</b> , 50(5), 999.	1943-5193	0.685	International
7	Chavhan, N. M.; <b>Badadhe, P. V.</b> ; Bhagat, S. S.; Gill, C. H. Synthesis and characterization of some novel isoxazoline and benzothiazepines as potent antimicrobial agents.	<i>Ind. J. Heterocycl. Chem.</i> <b>2013</b> , 23, 59.	0971-1627	0.27	National
8	Nagargoje, D.; Mandhane, P.; Singote, S.; <b>Badadhe,</b>	<i>Ultrasonics Sonochemi</i>	1350-4177	4.55	International

	<b>P.</b> ; Gill, C. Ultrasound assisted one pot synthesis of imidazole derivatives using diethyl bromophosphates as an oxidant.	<i>stry.</i> <b>2012</b> , 19, 94.			
9	<b>Badadhe, P. V.</b> ; Chavhan, N. M.; Ghotekar, D. S.; Mandhane, P. G.; Joshi, R. S.; Gill, C, H. Synthesis, characterization and biological screening of some novel thiazolidinone-4-one and $\alpha$ aminophosphonates derivatives...	<i>J. Phosphorus Sulfur, Silicon Relat. Elem,</i> <b>2011</b>	1563-5325	0.809	International
10	<b>Badadhe, P. V.</b> ; Chate, A. V.; Hingane, D. G.; Mahajan, P. S.; Chavhan, N. M.; Gill, C. H. Microwave-assisted one-pot synthesis of octahydroquinazolinone derivatives catalyzed by thiamine hydrochloride under solvent-free condition.	<i>J. Korean Chem. Soc.</i> <b>2011</b>	1229-5949	0.602	International
11	<b>Badadhe, P. V.</b> ; Chavhan, N. M.; Mandhane, P. G.; Joshi, R. S.; Nagargoje, D. R.; Gill, C. H. Synthesis characterization of some novel isoxazoline and pyrazoline as potent antimicrobial agents.	<i>Ind. J. Heterocycl. Chem. Sect-</i> , <b>2011</b>	0971-1627	0.27	National
12	Bhagat, S. S.; Ghotekar, D. S.; <b>Badadhe, P. V.</b> ; Chavhan, N. M.; Dixit, P. P.; Gill, C. H. Synthesis and antimicrobial screening of pyrazolines and benzothiazepines	<i>Ind. J. Heterocycl. Chem.</i> <b>2011</b>	0971-1627	0.27	National

	incorporated with thiophene.				
13	Ghotekar, D. S.; Bhagat, S. S.; <b>Badadhe, P. V.</b> ; Shinde, D. W.; Gill, C. H Environmentally benign ultrasound promoted synthesis of some pyrazolines and 3-chlorochromones as antibacterial and antifungal agents.	<i>Ind. J. Heterocycl. Chem.</i> <b>2011</b>	0971-1627	0.27	National
14	Joshi, R. S.; Mandhane, P. G.; <b>Badadhe, P. V.</b> ; Gill, C. H. Development of practical methodology for the synthesis of novel 3(4-oxy-4 <i>H</i> -chromen-3-yl)acrylic acid hydrazide.	<i>Ultrasonic Sonochemistry.</i> <b>2011</b>	1350-4177	4.21	International
15	Chate, A. V.; Joshi, R. S.; <b>Badadhe, P. V.</b> ; Dabhade, S. K.; Gill, C. H. Efficient ultrasound enhance novel series of 2-((E)-2,3-Dihydro-2-(4(phenylthio)phenyl)benzo [ <i>b</i> ]thiazepin-4-yl)phenol as an antimicrobial agents.	<i>Bull. Korean, Chem. Soc.</i> <b>2011</b>	1229-5949	0.602	International
16	Nagargoje, D.; Mandhane, P.; Bhagat, S.; Chavhan, N.; <b>Badadhe, P.</b> ; Gill, Charansingh. Synthesis and characterization of $\alpha$ -aminophosphonates of fluorinated pyrazole imines using triethyl phosphate and TMSCl,	<i>Der Pharma Chemica.</i> <b>2011</b>	0975413x	0.38	International

17	Chavhan, N. M.; <b>Badadhe, P. V.</b> ; Bhagat, S. S.; Joshi R. S.; Mandhane P. G.; Gill, C. H Synthesis of some biologically important pyrazole and pyrazoline derivatives.	<i>J. Ind. Chemical Society.</i> <b>2011</b>	0019-4522	0.26	National
18	Chavhan, N. M.; <b>Badadhe, P. V.</b> ; Joshi R. S.; Mandhane P. G.; Gill, C. H. Synthesis and biological evaluation of some heterocycles from 1-phenyl-3-(pyridine-3-yl)-1 <i>H</i> -pyrazole-4-carbaldehyde.	<i>Asian J. Chem.</i> <b>2010</b>	0975-427	0.14	International
19	<b>Badadhe, P. V.</b> ; Chavhan, N. M.; Nagargoje, D. R.; Gill, C. H. Synthesis and antimicrobial evaluation of some pyridine incorporated chromone and pyrazoles.	<i>Ind. J. Heterocycl. Chem.</i> <b>2009</b>	0971-1627	0.27	National

## 12. Minor research projects completed/Ongoing

Sr. No.	Title of the project	Duration of the Project	Grant received	Funding agency	Completed /Ongoing
1	Synthesis of some novel biological active chromone derivatives by conventional and non conventional methods	2008-2010	125000/-	BCUD, SP Pune University, Pune.	Completed
2	A convenient synthesis of some novel biological active pyrazole derivatives by conventional and non conventional methods	2008-2010	90000/-	UGC	Completed

3	Ultrasonic promoted synthesis and antibacterial screening of some novel $\alpha$ -aminophosphonates and thiazolidin-4-one	2012-2015	200000/	UGC	Completed
4	Synthesis, characterization and biological evaluation of some novel 2-aminopyrimidines	2013-2015	235000/-	BCUD, SP Pune University	Completed

**13. Participation in conferences, symposia, seminars and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.**

➤ **Full length Papers published in Conferences**

Sr. No.	Title with page Nos. and year	Title of seminar/ conference/ workshop	Organized by	ISSN/ ISBN No.	Level
1	Bentonite clay as an efficient and eco-friendly catalyst for the one-pot multicomponent synthesis of $\beta$ -acetaamido ketones under mild and heterogenous condition and their microbial study	EISD-2014		978-81-930154-0-7	International
2	Synthesis of some novel pyrazoline and screening of their biological activities	UTCS-2013,	Shri Anand college, Pathardi	ISBN 978-81-905776-99-9	National
3	Microwave assisted efficient synthesis of flavones by using silica gel as a catalyst	UTCS-2013,	Shri Anand college, Pathardi	ISBN 978-81-905776-99-9	National
4	Ultrasonic promoted synthesis of <i>N</i> -benzylidene thiophene-2-carbohydrazide derivatives	UTCS-2013,	Shri Anand college, Pathardi	ISBN 978-81-905776-99-9	National
5	Anhydrous nickel chloride as an efficient and eco-friendly catalyst	UTCS-2013,	Shri Anand college,	ISBN 978-81-905776-	National

for the one-pot multi-component synthesis of $\beta$ -actamido ketones under mild and heterogeneous condition and their microbial study		Pathardi	99-9	
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➤ Paper Presented in Conference/Seminar etc.

Sr. No.	Title of the paper presented	Title of Conference / Seminar	Organized by	Level
1	Green and expeditious synthesis of 5H-[1,3,4] thiadiazolo[3,2-A]pyrimidine-6-carboxylate derivatives by microwave irradiation under solvent free condition	Praverameet-2014	PVP College, Loni	International
2	Antioxidant effect of the stem and leaves of <i>Solanum Nigrum</i>	Praverameet-2014	PVP College, Loni	International
2.	Facile and selective synthesis of 2-substituted benzimidazole by using ferrous sulphate	EHBCN-2013	Shri Shivaji Mahavidyalaya, Barshi	International
3	Antibacterial and antioxidant, anti-inflammatory study of Leaves and root of <i>Anthocephalus Kadamba</i>	EHBCN-2013	Shri Shivaji Mahavidyalaya, Barshi	International
4	Synthesis and characterization of some chromone derivatives	NCCIR-2014	K. J. Sommaya College, Kopargaon	National
5	Synthesis and spectral studies of chromones	Emerging trends in organic chemistry	MJS College, Shrigonda	National
6	Synthesis and characterization of 2-(5-bromopyridine-3-yl)-4H-chromen-4-one derivatives	Recent trends in coordination Chemistry	KBP, College Vashi	National
7	One pot synthesis of nitriles from aldehyde and hydroxylamine hydrochloride using zinc oxide nano-particles in DMF under reflux condition	Frontiers of research in chemistry-2013	SGM college, Karad	National
8	Antibacterial and antioxidant study of leaves of <i>Phyllanthous</i>	IABS-2014	RKM., Mahavidyalaya,	National

	<i>Amarus</i>		A'Nagar	
9	ZnO nano particle as catalyst for efficient green one-pot synthesis of benzimidazole derivatives	Emerging trends in organic chemistry-2014	MJS college, Shrigonda	National
10	Synthesis and spectral studies of chromones	Emerging trends in organic chemistry-2013	SSGM College, Kopargaon	National
11	Synthesis, characterization and biological evaluation of some novel 2-aminopyrimidines	Innovation-2014	Baburao Gholap College, Sangvi, Pune.	University level

#### 14. Books published: with ISBN No., without ISBN No., Chapters in books.

Sr. No.	Name of Author/s	Name of book and publisher	ISBN/ISSN No.	Year	National/International
1	Dr. Bapu Thorat, Vaishali Thorat Dr. P. V. Badadhe	Lambert Academic Publishing	978-3-659-96941-6	2016	International
2	Dr. Pravin Badadhe	Lambert Academic Publishing	978-3-330-03936-0	2017	International

#### 15. Participation in co-curricular and extra-curricular activities.

- Coordinator CHEMIAD examination conducted by SP Pune University, Pune.
- Coordinator Science Talent Search Examination Conducted by Balbhim Arts, Science & Commerce College, Beed
- Resource person for teachers research work shop organized by Rayat Vidnyan Parishid
- Delivered lecture for M. Sc –II students, Shri Chhatrapati Shivaji College, Shrigonda
- Attended 1<sup>st</sup> Teachers conference organized by MIT, Pune



**16. Refresher/Orientation/Faculty development Programme / short term courses attended**

Sr. No	Name of programme	Place	Duration	Sponsored Agency
1	Refresher	ASC, NAC&S, Ahmednagar	31-03-2004 to 20-04-2004	UGC
2	Orientation	ASC, Dr. BAMU, Aurangabad	02-12-2005 to 29-12-2005	UGC
3	Refresher	ASC, University of Pune	1-03-2011 to 21-03-2011	UGC
4	Refresher	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	05/06/2014 to 25/06/2014	UGC
5	Faculty Development Programme	Pemaj Sarada College, Ahmednagar	19/05/2014 to 25/05/2014	UGC
6	Soft skill development programme for trainers	New Arts Commerce & Science college, Ahmednagar	09-06-2007 to 18-06-2007.	SP Pune University

**17. Conferences, seminars, symposia and workshops organized as convener/coordinator**

Sr. No.	Name of Conference/ Funding agency/	Place and Dates of conference	Position held	National/ International
1	NAAC sponsored National Level conference on Innovative Strategies in Teaching Learning Processes	R. B. Narayanrao Borawake College, Shrirampur. 26 <sup>th</sup> and 27 <sup>th</sup> August, 2016	Coordinator	National
2	BCUD, Pune University sponsored National conference on Interface between colleges and industry with reference to synthetic organic chemistry and spectroscopy	R. B. Narayanrao Borawake College, Shrirampur. 15 <sup>th</sup> and 16 <sup>th</sup> January, 2016	Coordinator	National

## **18. Leadership Activities**

- IQAC, Coordinator, R. B. Narayanrao Borawake College, Shirampur
- NAAC 4<sup>th</sup> Criterion Chairman, MJS College, Shrigonda, 2006 to 2012
- Member of Local Managing Committee, MJS College, Shrigonda, 2011-2013
- Coordinator, CHEMIAD examination conducted by university of Pune
- Academic research coordinator, R. B. Narayanrao Borawake College, Shirampur

## **19. Contribution to University level**

- Paper setter for M. Sc. Part-II
- Examiner for B. Sc/M. Sc CAP & practicals

## **20. Contribution to College level**

- Chairman UGC committee, 2012-2013
- Member of competitive examination committee
- Member of science association
- Member of placement cell
- Member of soft skill committee
- Member admission committee

## **21. Awards /recognitions received: International, National, State, University level: Editorial board, Reviewers for Journals, Teachers awards, Prize in poster presentation, paper reading in conference/seminar, awards related to social work etc.**

- Reviewers for Journal of Heterocyclic Chemistry.