



# AISSMS

## COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



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2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
Accredited by NAAC with A Grade



### BIO-DATA

1. Name and full correspondence address: **DR. SHASHIKANT V. BHANDARI**

2. Email(s) and contact

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No: +91 9423574082/+919284029686/020-26058204

3. Institution: AISSMS College of Pharmacy, Kennedy Road, Near RTO, Pune 411001

4. Date of Birth: 07/10/1974

5. Gender (M/F/T) : M

6. Category - OBC

7. Whether differently abled - No

8. Academic Qualifications (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of Marks
1	BPharm	1997	Pharmaceutical Sciences	Pune University, Pune/ NDMVP'S College of Pharmacy, Nashik.	67.5
2	GATE	1997	Pharmaceutical Sciences	INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR	94.67 PERCENTILE SCORE
2	M.Pharm	1999	Pharmaceutical Technology	Pune University, Pune/ BV'S Pooona College of Pharmacy, Erandwane, Pune.	64.50
3	PhD	2010	Pharmaceutical Sciences	Pune University, Pune/ AISSMS COLLEGE OF PHARMACY, PUNE	NA

9. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.  
TITLE - Design of Potential Anti-inflammatory agents using QSAR approach., Guide name -  
Dr. K.G. Bothara, AISSMS COLLEGE OF PHARMACY, PUNE Name of University -  
Pune University, Pune Year of Award - 2010.

10. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	PayScale
1	Lecturer	AISSMSCOLLEGE OF PHARMACY, PUNE	01/07/1999	05/10/2005	2200-4000
2	Assistant Professor	AISSMSCOLLEGE OF PHARMACY, PUNE	06/10/2005	10/08/2010	8000-13500
3	Assistant Professor	AISSMSCOLLEGE OF PHARMACY, PUNE	03/09/2010	12/03/2011	8000-13500
4	Professor	AISSMSCOLLEGE OF PHARMACY, PUNE	13/03/2011	20/04/2022 (till date)	37400-67000

11. Professional Recognition/Award/Prize/Certificate, Fellowship received by the applicant

S.No	Name of Award	Awarding Agency	Year
1	Junior Research Fellowship (JRF)	AICTE NEW DELHI.	1997-1999
2	International Award- Outstanding (Best) research paper publication Award in the field of Molecular modeling.	v-Life Sciences Pvt. Ltd.	2011
3.	International Level- Best Research Mentor Award 2021	CliMed Research Solutions India Sultan Ulloom College Of Pharmacy Hosting Institute Hyderabad Indian Pharmaceutical Association IPA World Youth Heart Federation WYHF India And Association Of Community Pharmacists Of India and International Federation Of Medication Therapy Management.	2021

12. Publications of last 5 years - (List of papers published in SCI Journals, in year wise descending order).

Total list of publications -

<https://scholar.google.co.in/citations?user=O3LQ4xUAAAAJ&hl=en>

S.No	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Shashikant V Bhandari, Om G Nagras, Pranali V Kuthe, Aniket P Sarkate, Kaustubh S Waghmare, Dattatraya N Pansare, Somdatta Y Chaudhari, Shivraj N Mawale, Mrunal C Belwate	Design, Synthesis, Molecular Docking and Antioxidant Evaluation of Benzimidazole-1, 3, 4 oxadiazole Derivatives	Journal of Molecular Structure (Elsevier Publisher) <b>(Impact factor-3.841)</b>	1276	1347-47	2023
2	Shashikant V Bhandari, Pranali Kuthare, Shital M Patil, Om Nagras, Aniket P Sarkate	A review: Exploring Synthetic Schemes and Structure-Activity Relationship (SAR) studies of Mono-carbonyl Curcumin Analogues for Cytotoxicity Inhibitory Anticancer Activity.	Current Organic Synthesis (Bentham Sciences Publisher) <b>(Impact factor-2.276)</b>	NA	NA	2023
3	Vaibhav V Raut, Shashikant V Bhandari, Shital M Patil, Aniket P Sarkate	A Rational Approach to Anticancer Drug Design: 2D and 3D-QSAR, Molecular Docking and Prediction of ADME Properties using Silico Studies of Thymidine Phosphorylase Inhibitors	Letters in Drug Design & Discovery (Bentham Sciences Publisher) <b>(Impact factor-1.099)</b>	20	2	2023

	<b>Shashikant V. Bhandari,</b> Aniket P. Sarkate	Exploration of novel Pyridine-Pyrimidine Hybrid Phosphonate Derivatives as Aurora Kinase Inhibitors.	Bioorganic & Medicinal Chemistry Letters <b>(Impact factor-2.823)</b>	67	128-747	2022
4	<b>S. V. Bhandari,</b> A. P. Sarkate, S. Karnik, I. S. Narula	Convenient Microwave Assisted Chlorosulfonic Acid-Catalyzed Synthesis of some Quinazolinones from 2-Phenylindole	Russian Journal of Organic Chemistry <b>(Impact factor-0.6)</b>	58	428-432	2022
5	<b>Shashikant V. Bhandari,</b> Shital M. Patil	Optimization of Pharmacophore of novel hybrid nucleus of 1,3,4-oxadiazole-chalcone using literature findings and in-silico approach as EGFR Inhibitor	Letters in Drug Design & Discovery (Bentham Sciences Publisher) <b>(Impact factor 1.15)</b> DOI-10.2174/1570180819666220414102310	NA	NA	2022
6	<b>S. Bhandari,</b> S. Patil,	A Review: Discovering 1,3,4-oxadiazole and chalcone nucleus for cytotoxicity/EGFR Inhibitory anticancer activity.	Mini reviews in medicinal chemistry DOI: 10.2174/1389557521666210902160644 <b>(Impact factor-3.862)</b>	22(5)	805-820	2022
7	<b>S. V. Bhandari,</b> A. P. Sarkate, V. S. Dofe, S. V. Tiwari, D. K. Lokwani, K. S. Karnik, D. D. Kamble,	One pot synthesis, in silico study and evaluation of some novel flavonoids as potent topoisomerase II inhibitors (anticancer agents) ...	Bioorganic & Medicinal Chemistry Letters (Elsevier Publisher) <b>(Impact factor-2.823)</b>	40,12,7916	7916	2022
8	<b>Shashikant V. Bhandari,</b> Vaibhav V. Raut*, Shital M. Patil and Aniket P. Sarkate	A Rational Approach to Anti-cancer Drug Design; 2D, 3D QSAR, Molecular Docking and Prediction of ADME Properties Using In Silico Studies of Thymidine Phosphorylase Inhibitors	Letters in Drug Design (Bentham Sciences Publisher) <b>(Impact factor 1.15)</b>	Accepted on March 2 <sup>nd</sup> 2022	NA	2022

9	<b>SV. Bhandari,</b> VVNawale, KG Raut, PP Wankhade	DESIGN OF POTENTIAL ANTITUBERCULAR AGENTS CONTAINING UREA ANALOGUES, USING PHARMACOPHORE OPTIMIZATION BY MOLECULAR MODELING STUDIES	INDO AMERICAN JOURNAL OF PHARMACEUTICAL SCIENCES (Impact factor 0.65)	5(1),	395-412	2018
<b>Citations-988, h-index- 13, i10-index-17</b>						
<b>Cumulative Impact Factor for last 5 Years= 20.25</b>						
<b>Cumulative Impact Factor for last 22 years research outcome of P.I. = 76.37</b>						

**Minor research project completed-**

Sr. no.	Title	Type of project/Funding agency	Total funds sanctioned (Rs.)	Duration	Status Audited utilization certificate submitted?
1	Design of Potential anti-inflammatory agents using molecular modeling studies.	Minor/ S.P.P.University, Pune	1,50,000/-	2008-2010	Completed - Yes
2	Design of Potential anti-viral agents using molecular modeling studies.	Minor/ S.P.P.Univ. Pune	1,95,000/-	2010-2012	Completed - Yes
3	Design of Potential anti-tubercular agents using molecular modeling studies.	Minor/ S.P.P.Univ. Pune	2,20,000/-	2012-2014	Completed - Yes
4	To establish and implement the Entrepreneurship Development Cell activities.	E.D.Cell-AICTE NEW DELHI	4,40,000/-	2013-2016	Completed - Yes
4	Design of Potential anti-cancer agents using molecular modeling studies.	Minor/ S.P.P.Univ. Pune	2,95,000/-	2014-2016	Completed - Yes
5	Design Development	Research promotion	13,33,333/-	2020-2023	In Progress-

	(Synthesis and Evaluation of Biol. Activity ) of Potential Anticancer Agents containing Curcumin using the Pharmacophore Optimization by Molecular Modeling Studies.	Scheme-Major/ A.I.C.T.E., NEW DELHI			F.Y. Audit completed.
6	Skill Development and Personality Development for SC-Students Scheme-SPDP	QIP Grant/ A.I.C.T.E., NEW DELHI	6,23,000/-	2019-2022	In Progress- F.Y. Audit completed.
7	QIP Grants received for the purchase of Photocopier, Non consumable psorts itemsLCD Project, Smart boards etc	QIP Grants by S.P.P.University, Pune	9,90,000/-	2012-2019	Completed- Yes
	Total grants received (Rs)	-	42,60,000	-	-

### 13.Detailof patents.

S.No	PatentTitle	NameofApplicant(s)	PatentNo.	Award Date	Agency/Count ry	Status
1.	Substituted 3,5-DiarylPyrazoles compounds as anticancer agents.	Shashikant VBhandari Aniketp.Sarkate	20212100130 DATED 07/01/2021	NA	Indian patent office	Published and requested for examination
2.	Substituted N-Phenyl 2,2-Dichloro acetamide compounds as anticancer agents.	Shashikant VBhandari Aniketp.Sarkate	20212100002 076 dated 16/01/2021	NA	Indian patent office	Published and requested for examination

14. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1	International Edition of Book Entitled - Chemical Intelligence,	Editors- Dr S R Kulkarni, Dr S V Bhandari, Dr Dushyant Varshneys	Apple Academic Press- Exclusively co-published with CRC Press, Taylor and Francis Group of Publishers, United Kingdom.	2023-24 (in production)
1.	Development Of Potential Reverse Transcriptase Inhibitors Using Molecular Modeling Studies	SHASHIKANT V.BAHDNARI, Vidya N. Wable	<b>ISBN:</b> 978-3-8454-7837-1 <b>Editor:</b> vlaplanche_lap <b>Contributor:</b> Shashikant Bhandari <b>Status:</b> Published Lap-Lambert Academic Publishing, OmniScriptum GmbH & Co. KG, Germany, Europe.	2011
2.	Book chapter on Applications of Ultrasound Technology for Food and Pharmaceuticals	Shashikant V. Bhandari, Aniket P. Sarkate, Pranali V. Kuthe, and Bhagwan K. Sakhale	Wiley (Accepted on 13/01/2022.) international	2022

15. Any other information (maximum 500 words)

- I) I have been in teaching for last 23 years. I have guided more than 45 M Pharm and 02 PhD students to completion and 04 PG and 02 Ph.D. students are pursuing research projects under my guidance. In the process I have worked on varied topics, done projects funded by S.P.P. University, Pune and AICTE, New Delhi. I have been a major source of revenue for my organization through various QIP and Research grants. I have been awarded with Best Research Publication Award in 2011 by V Life Science Pvt. Ltd. Pune and I am recognized permanently PhD guide under Savitribai Phule Pune University (SPPU). His research area includes design and development of potential therapeutic agents viz. anti-inflammatory, antioxidants, anti convulsants, **anticancer**, anti HIV, antiviral and antitubercular agents, Non Nucleoside Reverse Transcriptase Inhibitors. He has been granted QIP grants and minor research projects worth Rs. 42.60 lakhs and currently he is implementing Major research project worth Rs. 13.33 Lakhs (AICTE-RPS) QIP grants worth INCLUDING 9.90 LAKHS funded by AICTE New Delhi, S.P.P. University, Pune.. He has published a book and has many international publications to his credit. He has ability to work independently as well as have ability to collaboratively with scientists of National Institutes.

- ❖ II) I have published **05 Review articles, 04 National research publications, 24 International research publications**, with **H index of 13, i10 index of 16, No. Of citations- 933** and 22 research presentations to his research credit as an Author, 35 presentations as Co-author, 20 presentations in national and international conferences, attended 20 national and international conferences, attended 50 plus seminars, refresher courses, delivered 14 lectures as resource person.
- ❖ III) Co-chairman- Scientific Committee, Member- Scientific Poster Evaluation Committee, International Conference of Society for Ethnopharmacology-SFE2021 (27-29, Aug. 2021) at Pune, Organized B.V. Poona College of Pharmacy Pune 411038, Maharashtra,
- ❖ IV) Member- Scientific Committee- International Symposium on Medication Therapy Management (ISMTM) 2021 - Embracing Curative Care in HYBRID Mode (OFFLINE & ONLINE) on 12-14 November 2021 jointly conducted by CliMed Research Solutions, India & Sultan-UI-Uloom College of Pharmacy (Hosting Institute), Hyderabad in association with leading organizing partners Indian Pharmaceutical Association (IPA), World Youth Heart Federation (WYHF) - India and Association of Community Pharmacists of India (ACPI) & International Federation of Medication Therapy Management (IFMTM)

**V) PROFESSIONAL AFFILIATIONS** : Registered Member: Maharashtra State Pharmacy Council, Maharashtra.

- ❖ Life Member: Association of Pharmacy Teachers of India.
- ❖ I am a reviewer of
- ❖ i) EUR. J. MED. CHEM., (Elsevier),
- ❖ ii) Journal-Anti-Cancer Agents in Medicinal Chemistry.
- ❖ iii) Current Medicinal Chemistry-Anti-Cancer Agents, Bentham Science., Netherlands Indian Journal of Biochemistry and Biophysics (IJBB),,
- ❖ iv) European Journal of Medicinal Chemistry Reports.
- ❖ v) European Journal of Medicinal Chemistry.
- ❖ vi) Anti-Cancer Agents in Medicinal Chemistry.

#### Declaration

**I hereby undertake and declare that All the information stated above is correct to the best of my knowledge and information. If anything is found misleading or wrong, I will be solely responsible to it.**



**Dr. Shashikant V. Bhandari**

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