

Curricular Vitae

Dr. Smita Jagannath Pawar
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Current Status:

Working as an Associate Prof. in Medicinal Chemistry, at PDEA's SGRS college of Pharmacy, approved teacher by University of Pune, India.

Qualifications:

Qualification	Year of passing	University	Grade & Class
PhD in Pharmaceutical Chemistry	December 2014	Savitribai Phule Pune University, India	Awarded
M.Pharm. Medicinal and Natural Products	May 2000	University Department of Chemical Technology.	69.02% Distinction
Bachelor in Pharmacy	1998	University of Pune, India	72.50%
GATE	1998	IIT Mumbai	98.44 Percentile

Personal details:

Date of Birth : 30 June 1977
Nationality : Indian
Languages known : English, Hindi, Marathi

Research interests:

- Synthetic and analytical Chemistry
- Development of heterocyclic antimicrobial and anticonvulsant agents.

Experience:

A) Academic Experience: 20 years

POSITION	INSTITUTE	PERIOD
Associate Professor	PDEA's SGRS college of Pharmacy, Saswad; University of Pune, India.	Since July 2007
Lecturer	PDEA's SGRS college of Pharmacy, Saswad; University of Pune, India.	Aug 2002- July 2007
Lecturer	Govt. College of Pharmacy, Karad	Sept 2001 – May 2002
Lecturer	Rajgad Dyanpeeth's College of Pharmacy, Bhore	Aug 2000- Sept 2001

a) Academic duties at Institute:

- To conduct theory and laboratory practical classes for bachelor and master students in subject of medicinal chemistry, biochemistry and analytical chemistry.
- Supervise bachelor students for their bachelor projects and master's students for their thesis works (5 students)
- Preparation of research work manuscripts, writing research proposal, and academic monitoring etc.
- Academic Research Coordinator.
- Head of Department of Pharmaceutical Chemistry

b) Academic duties outside institute:

- Member of Local Inspection Committee for University of Pune.
- External Senior Supervisor for University of Pune Examinations

B) Research Experience:

- a) **Ph.D thesis:** "Design, Synthesis, QSAR studies and Biological Evaluation of Some Benzothiazoles"
- b) **Master's thesis:** "Studies on Novel Drug Delivery System"
- c) **Research Grants:**

Grant Amt (INR)	Sponsor	Project title
1,00 000	University of Pune, India Year: 2006	Development of various analytical methods for estimation of drugs in different dosage forms.
2,00 000	University of Pune, India Year:2009	Synthesis, biological evaluation and 2D-QSAR analysis of Benzothiazole derivatives as antimicrobial agents
3,25 000	UGC Year: 2014	Synthesis and Biological evaluation of some heterocyclic molecules as antimicrobial agents.

Research Publications & Presentations:

Research Papers Published:

- 1) "HPTLC estimation of Paracetamol, Diclofenac Sodium and Chlorzoxazone in Tablet dosage form" in *Asian J. Research Chem.* 2(3): July-Sept., 2009.
- 2) "HPTLC Estimation of Cefixime and Cloxacillin in Tablet Dosage Form" in *Asian J. Research Chem.* 3(2): April- June 2010.
- 3) "Synthesis of substituted benzo[d]thiazol-2-ylcarbamates as potential anticonvulsants" *Med Chem Res* DOI 10.1007/s00044-012-0434-y.
- 4) "Nyctanthes Arbortristis: A Pharmacognostic Review" *Research J. Pharmacognosy and Phytochemistry* 1 (2): 91:97
- 5) "Toxicity testing and antibacterial activity of nyctanthes arbortristis" *international journal of pharmaceutical research and bio-science* Vol.2(6): 105-108
- 6) Synthesis of novel antimicrobial derivatives of 3-substituted pyrrolidine-2,5-diones using pharmacophore hybrid approach: part-I, *International Journal of Pharmacy and Pharmaceutical Sciences* Vol 6 Issue 2, 2014
- 7) In silico design, synthesis and pharmacological screening of novel 2-(6-substituted benzo [d] thiazol-2-yl) isoindoline-1, 3-diones as potential COX-2 inhibitors for anti-inflammatory activity, *International Journal of Pharmacy and Pharmaceutical Sciences*, Issue 5, 2014
- 8) Design, synthesis, docking studies and biological evaluation of 2-phenyl-3(substituted benzo[d] thiazol-2-ylamino)-quinazoline-4(3h)-one derivatives as antimicrobial agents, *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol 10, Issue 10, 2018
- 9) Development and validation of stability indicating RP-HPLC method for simultaneous determination of aspirin, rosuvastatin, clopidogrel in bulk and pharmaceutical dosage form, *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol 10, Issue 10, 2018.
- 10) Design, Synthesis, Docking Studies And Biological Evaluation Of 6-Substituted 2-(3-Substituted 5-Methyl 1H-Pyrazol-1yl) Benzothiazole Derivatives As Antimicrobial Agents, *Current Trends in Pharmacy and Pharmaceutical Chemistry*, 1(2), 1-9, 2019

Books Published:

- "A textbook of practical medicinal chemistry" Nirali Publications, Pune, ISBN No. 978-9383525-10-2, 2013-2014.
- A textbook of 'Quality Assurance Technique' Tech-Max Publication Pune. 2016-17

Research presentation:

Sr. No.	Title of Research Paper	Name of Conference	Organised by and venue	Month and Year of Presentation	Oral/Poster	National/ International
1	Artificial Tears Containing Dextran And HPMC	51 st IPC,	51 st IPC, Indore	December 1999	Poster	National
2	Modernization Of Hospital Pharmacy	All India Convention	IPA-CPD	February- 2006	Poster	National
3	Role of Pharmacist & Pharmacy Student in Community Health.'	All India Convention	IPA-CPD	February- 2006	Poster	National
4	Development Of Various Analytical Methods For Estimation Of Drugs From Different Dosage Forms.	Regional Conference for Pune University College Teachers INNOVATION 2007	BCUD, University of Pune,	19 th & 29 th November 2007	Poster	National
5	Development Of Various Analytical Methods For Estimation Of Drugs From Different Dosage Forms.	Regional Conference for Pune University College Teachers INNOVATION 2008-09	BCUD, University of Pune, PDEA's S.G.R.S. College of Pharmacy, Saswad	21 st & 22 nd November 2008	Oral	National
7	Synthesis, Biological Evaluation And Of Benzothiazole Derivatives As Antimicrobial Agents	Regional Conference for Pune University College Teachers INNOVATION 2009-10	BCUD, University of Pune Amrutvahini College of Pharmacy, Sangamner.	28 th & 29 th October -2010	Poster	National
8	Synthesis, Biological Evaluation And	Regional Conference for	BCUD, University of Pune	5 TH & 6 TH	Oral	National

	2D-QSAR Analysis Of Benzothiazole Derivatives As Antimicrobial Agents	Pune University College Teachers INNOVATION 2009-10	PDEA'S Seth Govind Raghunath Sable College Of Pharmacy	December 2009-10		
9	Synthesis, Biological Evaluation And 2D-QSAR Analysis Of Benzothiazole Derivatives As Antimicrobial Agents	Regional Conference for Pune University College Teachers INNOVATION 2012	BCUD, University of Pune PDEA'S Seth Govind Raghunath Sable College Of Pharmacy	18 th & 19 th March 2012	Poster	National
10	Design Synthesis And Biological Evaluation Of Benzothiazoles As Anti-Inflammatory Agent.	Avishkar - 2010 Zonal level research conference	BCUD, University of Pune PDEA'S Seth Govind Raghunath Sable College Of Pharmacy	7 th December 2010	Oral	National
11	Design, Synthesis And Biological Evaluation Of Some Benzothiazole Derivatives As Anticonvulsant Agent	AVISHKAR- 2011 Zonal level competition	BCUD, University of Pune T.C. College Baramati	13 th December 2011	Poster	National
12	Design, Synthesis And Biological Evaluation of Some Benzothiazole Derivatives As Anticonvulsant Agent	AVISHKAR- 2011 Regional Level Competition.	BCUD, University of Pune University of Pune	23 rd December 2011	Poster	National
13	In Silico design, synthesis, and biological evaluation of some quinazolinone derivatives as potential antimicrobial agents	International Conference on recent trends in Chemometrics: A Pharmaceutical Perspectives (ICORTIC 2020)	School of Pharmacy MIT World Piece University, Pune	6 th & 8 th February 2020	Oral presentation	International

Seminars/ Symposiums/ Conferences organized:

- Two days state level “QSAR and strategies in design of bioactive compounds” at PDEA’s S.G.R.S.College of Pharmacy Saswad in December 2009.

Workshops attended:

- One-day seminar on “Dissolution Testing of Pharmaceuticals” organized by Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Erandwane, Pune.
- Attended AICTE sponsored Q.I.P. programme held at Kakatiya University, Warangal on “Clinical Pharmacy Concepts & Practice” from 17th Sept- 30th September 2005.
- Attended two days’ workshop at Institute of Pharmacy, Nirma University of Science & Technology, Ahemdabad on “Nanotechnology & Nanomedicine”
- Attended AICTE sponsored two weeks Staff Development Programme on “Techniques & Methods in New Drug Discovery Research” at Sinhgad College of Pharmacy, Pune from 17th April 29th April 2006.
- Attended 11th APTI National Convention on Recipe for Excellence: Best Practices In Pharmaceutical Education arranged on 1st to 3rd Sept. 2006 at Bangalore.
- National Conference sponsored by BCUD University of Pune on “Characterization Techniques for Physical, Chemical and Biological Analysis” at Waghire College Saswad.
- University of Pune sponsored seminar on “Practical Approach In Drug Design And Development of Products of Natural Origin” organized by STES Sinhgad College Of Pharmacy, Vadgaon (Bk)

Professional Membership:

APTI (Association of Pharmaceuticals Teachers of India)

Computer skills:

- Proficiency in Microsoft word, excel, power point, internet surfing, scientific database handling.
- QSAR software handling