

Curriculum vitae

Dr. Pimple Bhushan Prakash

(M. Pharm., Ph.D.)

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➤ Current Position:	Professor & Head, Department of Pharmacognosy
➤ Date of Birth:	07 th March, 1983
➤ Name of the Organization:	P. E. Society's Modern College of Pharmacy, Sector- 21, Yamunanagar, Nigdi, Pune 411044
➤ Date of joining the institution	07 th August, 2006
➤ Univ. Approved Experience	16.5 years
➤ No. of PG students guided:	06
➤ Researcher ID:	P-7815-2015
➤ Scopus Author ID:	35084216000
➤ Orcid ID:	0000-0002-3074-9085
➤ Google Scholar	auWtch4AAAAJ
➤ Vidwan ID	381346

Educational Qualification:

No.	Degree	University	Year of Passing	Class
1.	Ph.D. (Pharmaceutical Sciences)	Jawaharlal Nehru Technological University, Hyderabad (JNTUH)	March, 2016	-
2.	M. Pharm. (Pharmacognosy)	Pune University	2006	First
3.	B. Pharm.	Pune University	2004	First

Skill Development Courses & Workshops: 05

1. Three Days Industrial Training at Inducare Pharma Pvt. Ltd., Pune 8-01-2021 to 10-01-21
2. AICTE approved NPTEL Online Certification in 'Qualitative Research Methods and Research Writing' conducted by IIT Kharagpur Jan-Apr, 2019
3. AICTE approved NPTEL Online Certification in 'Research Writing' conducted by IIT Kharagpur Feb-March, 2018
4. Training in Extraction and Isolation of Phyto-constituents from Medicinal Plants. Organized by Total Herbs Solutions Pvt Ltd, Mumbai. 19 & 20th July, 2014

5. ‘Software Application in Pharmacy’ an AICTE Recognised Short Term Course. Organized by NITTTR, Extension Centre Pune. National Institute of Tehnical Teachers’ Training and Research, Bhopal. 24th March to 28th March, 2014

Dissertation Topic:

1. Ph.D. Research Title:

“Phytochemical and Pharmacological Investigation of Herbs in the Treatment of Ulcers in Diabetes Mellitus”

2. M. Pharm. Research Title:

“Phytochemical and Pharmacological Evaluation of *Tamarindus indica* Linn”

Funded Research Projects Completed: 03

No.	Research Topic	Funding Agency	Year
1.	Evaluation of Ethyl 2-[5-(Acetyloxy) Pentyl] Benzoate Isolated from <i>Origanum majorana</i> Linn in the Treatment of Diabetes-Induced Hyperlipidemia and Obesity	University Grants Commission (UGC)	2015
		Rs. 3.40 Lakhs	
2.	Isolation of Ethyl 2-[5-(Acetyloxy) Pentyl] Benzoate from <i>Origanum majorana</i> Linn and its Evaluation for the Management of Diabetes	BCUD, Univ. of Pune	2014
		Rs. 2.00 Lakhs	
3.	Phytochemical and Pharmacological Investigations of Herbs for the Treatment of Ulcer in Diabetic Rats	BCUD, Univ. of Pune	2009
		Rs. 0.50 Lakhs	

Research Publications: 20

No	Title	Journal	Year	Volume (Issue)	Page no	Indexing
1.	Development and Evaluation of Herbal Shampoo as an Antifungal Formulation	International Journal of Drug Delivery Technology	2023	13 (3)	913-918	Scopus
2.	Development of Validated Stability Indicating HPTLC Method for Estimation of Febuxostat in Bulk and Tablet Dosage Form by Using QBD Approach	International Journal of Drug Delivery Technology	2023	13 (2)	542-550	Scopus
3.	Anti-arthritis potential of ethyl acetate fraction of <i>Pinus roxburghii</i> Sargent stem bark	Multidisciplinary Science Journal	2023	5 (4)	2023046 - 2023046	Scopus

	in Freund's complete adjuvant induced arthritis in Wistar rats					
4.	Exploration of anti-atherosclerotic activity of <i>Origanum majorana</i> L. In experimental animals with high-fat diet-induced atherosclerosis	International journal of pharmaceutical sciences and research	2023	14 (6)	3144-3152	-
5.	Pharmacognostic Investigations of <i>Impatiens balsamina</i> Linn.	International Journal of Experimental Research and Review	2023	30	119-126	Scopus
6.	Comparative evaluation of lipsticks developed using isolated pigments of <i>Capsicum annum</i> and <i>Lycopersicon esculentum</i> fruits and various natural bases	International Journal of Experimental Research and Review	2023	30	352-358	Scopus
7.	Development and Validation of Chromatographic Method for Analysis of Some Polycyclic Hydrocarbons in Soybean Oil	European Chemical Bulletin	2023	12 (Spl-1)	814-820	Scopus
8.	High-Performance Thin Layer Chromatography Method Development to Estimate Phytoconstituents in <i>Hedychium</i> species	International Journal of Drug Delivery Technology	2023	13 (1)	367-371	Scopus
9.	Comparative Investigation of Hair Shampoos Formulated Using Different Herbal Extracts	International Journal of Pharmaceutical Quality Assurance	2022	13 (4)	362-368	Scopus
10.	Morphological and anatomical characterization of <i>Plumeria obtusa</i> L.: An Ayurvedic medicinal plant	Annals of Phytomedicine	2022	11 (2)	787-793	Scopus WoS
11.	Macroscopic and Microscopic Evaluation of <i>Sansevieria cylindrica</i> Plant	Pharmacognosy Research	2022	14 (4)	416-420	WoS

12.	Formulation and Evaluation of Lipsticks from the Dyes Of Root Barks of <i>Alkana tinctoria</i>	Bulletin of Environment, Pharmacology and Life Sciences	2021	10 (5)	140-145	WoS
13.	Inhibitory Effect of Piperine on Nucleation and Aggregation of Calcium Oxalate Crystals	Advances in Bioresearch	2021	12 (1)	203-210	WoS
14.	Microscopic evaluation and physicochemical analysis of <i>Origanum majorana</i> Linn leaves	Asian Pacific Journal of Tropical Disease	2012	2	S897-S903	Scopus
15.	Protective effect of <i>Luffa acutangula</i> extracts on gastric ulceration in NIDDM rats: Role of gastric mucosal glycoproteins and antioxidants	Asian Pacific Journal of Tropical Medicine	2012	5 (8)	610-615	Scopus
16.	Ulcer healing properties of different extracts of <i>Origanum majorana</i> in streptozotocin-nicotinamide induced diabetic rats	Asian Pacific Journal of Tropical Disease	2 (4)	312-318	2012	Scopus
17.	Comparative antihyperglycaemic and antihyperlipidemic effect of <i>Origanum majorana</i> extracts in NIDDM rats	Oriental pharmacy and experimental medicine	12 (1)	41-50	2012	Scopus
18.	Antidiabetic and antihyperlipidemic activity of <i>Luffa acutangula</i> fruit extracts in streptozotocin induced NIDDM rats	Asian J Pharm Clin Res	4 (2)	156-163	2011	Scopus
19.	Protective effect of <i>Tamarindus indica</i> linn against paracetamol-induced hepatotoxicity in rats	Indian journal of pharmaceutical sciences	69 (6)	827	2007	Scopus

20.	Pharmacognostic Investigations of Colocasia Esculenta Leaves.	Current Trends in Pharmacy and Pharmaceutical Chemistry	1(4)	10-18	2019	-
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Research Product Patents: 02

1. Herbal Lipstick Formulation with *Capsicum Oleo Resin*

IPR Application no: 202221071157, Dr. Bhushan Prakash Pimple, Dr. Mohini Chetan Kuchekar, Dr. Praveen Digambar Chaudhari, Mrs. Suvarna A Vadje, Ms. Dnyaneshwari Sandip Mate, Ms Krishnapriya Ramlunalanaglu

Date of Filing: 09/12/2022 Date of Publication: 23/12/2022

2. Development of scale for determination of microscopic objects per square millimeter area

IPR Application no: 202221077110 A, Dr. Bhushan Prakash Pimple, Dr. Mohini Chetan Kuchekar, Dr. Praveen Digambar Chaudhari, Mrs. Suvarna A Vadje

Date of Filing: 30/12/2022, Date of Publication: 13/02/2023

International Book Chapters: 07

No	Title of the Chapter	Authors for book chapter	Title of Book	Vol/ Publication/ ISBN	Year/ pg. no.	Editors
1.	Therapeutic Activities of Nutmeg (Myristica fragrance)	BP Pimple, AM Kulkarni, RB Bhor	In Herbs Spices and Medicinal Plants for Human Gastro-intestinal Disorders Health Benefits and Safety	Ed 1 st CRC Press Taylor & Fransis eISBN: 9781003189749	2022 Pp: 12	Megh R. Goyal, Preeti Birwal, Durgesh Nandini Chauhan,
2.	Piper nigrum (Black pepper): A Flavor for Health	Bhushan Prakash Pimple, Amrita Milind Kulkarni, and Ruchita Balu Bhor	Science of Spices and Culinary Herbs - Latest Laboratory, Pre-clinical, and Clinical Studies	Vol 2 Bentham Sciences ISBN: 978-981-14-4149-3 (Online)	2020 Pp. 24-38	Atta-ur-Rahman, Muhammad Iqbal Choudhary, Sammer Yousuf

3.	Origanum Majorana: The Fragrance of Health	Bhushan P. Pimple, Amrita M.Kulkarni, and Ruchita Bhor	Science of Spices and Culinary Herbs - Latest Laboratory, Pre-clinical, and Clinical Studies	Vol 3. Bentham Sciences eISBN: 978-981-14-6836-0	2020-21 Pp: 113-125	Atta-ur-Rahman, Muhammad Iqbal Choudhary, Sammer Yousuf
4.	Polyphenols: A Remedy for Skin Wrinkles.	B Pimple, S Badole	In Polyphenols in Human Health and Disease,	Vol 1, Academic Press, Elsevier ISBN: 978-0-12-398456-2	2014 Pp: 861-869	Ronald Ross Watson, Victor R. Preedy and Sherma Zibadi
5.	Licorice: <i>Glycyrrhiza glabra</i> Linn. Used for Dermatitis.	BP Pimple, SL Badole, AB Upaganlwar, MN Mane	In Bioactive Dietary Factors and Plant Extracts in Dermatology,	Humana Press, Springer, Germany. ISBN: 9781627031677	2013-14 pg no: 433.	Ronald Ross Watson, Sherma Zibadi
6.	Exploring Neem (<i>Azadirachta indica</i>) for Antidermatophytic Activity.	BP Pimple, SL Badole, F Menaa	In Bioactive Dietary Factors and Plant Extracts in Dermatology, pg no: 459.	Humana Press, Springer, Germany ISBN: 9781627031677	2013-14	Ronald Ross Watson, Sherma Zibadi
7.	<i>Pongamia pinnata</i> (Linn.) Used in Skin Disease	SL Badole, BP Pimple	In Bioactive Dietary Factors and Plant Extracts in Dermatology, pg no: 471.	Humana Press, Springer, Germany ISBN: 9781627031677	2013-14	Ronald Ross Watson, Sherma Zibadi

Invited Talks/Resource Person: 08

1. "Extraction and Isolation of Alkaloids and Terpenoids" in Guest Lecture Series- 2022. **Siddhi College of Pharmacy, Pune**
2. "Extraction and Isolation of Bioactive Phytoconstituents". **Emerging trends in Phytopharmacology**. 27-12-2021. Arvind Gavali College of Pharmacy, Satara.
3. "Animation: An Effective Pedagogical Tool". **Innovations in Effective Teaching Learning Pedagogy and Research Skill Development**, 23-04-2021, PES Modern College of Pharmacy, Nigdi, Pune.
4. "Animation for Effective Content Delivery". **Innovations in Effective Teaching Learning Pedagogy and Research Skill Development**, 19-03-2021, PES Modern College of Pharmacy, Nigdi, Pune.
5. "2D Animation of Effective Content Delivery". **National Level Online FDP on Virtual Practical Training. 28th-31st July, 2020. MET's Institute of Pharmacy, Adgaon, Nashik**
6. Herbavigilance: Need, Challenges and Prospects. Savitribai Phule Pune University (Formerly University of Pune) Sponsored **National Conference. 27th-28th Feb, 2017. HSBPVT'S GOIs College of Pharmacy, Ahmednagar, India**
7. Concomitant Management of Type-II Diabetes and its Associated Hyperlipidemia: Role of ethyl 2-[5-(acetyloxy)pentyl] benzoate. **3rd International Conference and Exhibition on Pharmacognosy, Phytochemistry Natural Products. 26th-28th October, 2015. Hyderabad, India.**
8. Comparative Gastroprotective Effect of Ethyl Acetate and Chloroform Fraction of *Origanum majorana* in Aspirin Induced Ulcers in Diabetes Rats. **Third Euro-India International Conference on Holistic Medicine (ICHM-2013). 6th- 8th Sept, 2013. Kottayam, Kerala, India.**

Oral Presentations: 05

1. Isolation of Ethyl 2-[5-(acetyloxy)pentyl] benzoate from *Origanum majorana* Linn and its Evaluation for the management of Diabetes. **Innovation 2012** Board of College and University Development University of Pune 23rd and 24th March, 2014. Pune, India.
2. Phytochemical and Pharmacological Investigation of Herbs for the Treatment of Ulcers in Diabetic Rats. **Innovation 2012** Board of College and University Development University of Pune 18th and 19th March, 2012. Pune, India.
3. Phytochemical and Pharmacological Investigation of Herbs for the Treatment of Ulcers in Diabetic Rats. **Innovation 2010** Board of College and University Development University of Pune 28th and 29th Oct, 2010. Pune, India.
4. Phytochemical and Pharmacological Investigation of Herbs for the Treatment of Ulcers in Diabetic Rats. **Innovation 2009-10** Board of College and University Development University of Pune 5th and 6th Jan, 2010.
5. Protective Effect of *Tamarindus indica* Linn against Ethynyl-estradiol-Induced Hepatotoxicity in Rats. **Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health Products. 24th-26th Feb, 2007. Ooty, India.**

Professional Contribution:

1. **Youtube Channel:** 53 Animated video Lectures and Practical demonstrations in Pharmacognosy & Phytochemistry (Subscribers 1.88 K)
<https://www.youtube.com/channel/UCSNthYh5DAmOS-uKL5KItpg>
2. **Associate Editor**, International Journal of Pharmacognosy and Chinese Medicine MedWin Publishers, USA
3. **Reviewer** for various international research journals:
 - a) Pharmaceutical Biology (*Taylor & Francis*)
 - b) Proceedings of the National Academy of Science, India Section B: Biological Sciences. (*Springer*)
 - c) *Revista Brasileira de Farmacognosia*. (*Elsevier*)
 - d) Current Traditional Medicine (*Bentham-Sciences*)
 - e) Austin Journal of Gastroenterology (*Austin Publications LLC, New Jersey, USA*)
 - f) African Journal of Pharmacy and Pharmacology (*Academic Journals*)
 - g) Journal of Medicinal Plant Research (*Academic Journals*)
 - h) Journal of Experimental Pharmacology (*Dove Medical Press*)
4. **Member, BOS, Pharm D.**, Savitribai Phule Pune University
5. **Member, Staff Selection Committee**, Savitribai Phule Pune University
6. **Chairman, Squad Committee**, Savitribai Phule Pune University
7. **Member, National Advisory Committee**, Fourth International Conference on Holistic Medicine (ICHM-2014)
8. **Member, Application Scrutinizing Committee** for Affiliation of University of Pune
9. **Contributed** in development of Syllabus of Pharmacognosy of SPPU
10. **Approved PG Guide** of Savitribai Phule Pune University
11. **Chairman, Paper setter** for SPPU Theory Examination
12. **Chairman & Examiner** for SPPU, Shivaji University Practical Examination
13. **Examiner, Moderator** for assessment of SPPU, Theory papers
14. **Member**, Association of Pharmaceutical Teachers of India (**APTI**).

Subjects Taught: 04 (PCI Curriculum)

1. Pharmacognosy & Phytochemistry- I: Theory and Practical
2. Pharmacognosy & Phytochemistry- II: Practical
3. Quality Control and Standardization of Herbals: Theory
4. Pharmacognosy & Phytopharmaceuticals: Theory and Practical
